

1100

UNIX™ OPERATING SYSTEMS BIBLIOGRAPHY

This bibliography lists the current documents on the various UNIX operating systems which are available from the Bell Laboratories Computing Information Libraries. The bibliography contains a subject section, a permuted title index, a listing by UNIX number, and an author index.

A limited number of these documents are approved for release outside the Company. Please refer outside requests for such documents to the Murray Hill Computing Information Library.

C. L. Schneiderman MH X6058
January 1982

FOR BELL LABORATORIES USE ONLY

"UNED - EDITING AND DOCUMENTATION PREPARATION"

UNED1000 A TUTORIAL INTRODUCTION TO THE UNIX TEXT EDITOR
KERNIGHAN, B. W.
FEBRUARY 8, 1979 A GOOD DOCUMENT FOR FIRST TIME USERS. SEE ALSO UNED(1108)

UNED1010 A TROFF TUTORIAL
KERNIGHAN, B. W.
AUGUST 4, 1978 THIS DOCUMENT IS AN INTRODUCTION TO THE MOST BASIC USE OF TROFF. IT ASSUMES THAT THE READER IS FAMILIAR WITH ROFF ON UNIX AND GCGS.

UNED1011 TYPESETTING MATHEMATICS - USER'S GUIDE (SECOND EDITION)
KERNIGHAN, B. W. + CHERRY, L. L.
AUGUST 15, 1978 THIS IS THE USER'S GUIDE FOR A SYSTEM FOR TYPESETTING MATHEMATICS, USING THE PHOTOTYPESETTERS ON THE UNIX AND GCGS OPERATING SYSTEMS. SEE ALSO UNED(1029)

UNED1019 COMPUTER DETECTION OF TYPOGRAPHICAL ERRORS
MORRIS, R. + CHERRY, L. L.
TM 73-1271-4 APRIL 3, 1974

UNED1028 TYPING DOCUMENTS ON THE UNIX SYSTEM: USING THE - MS MACROS WITH TROFF AND NROFF
LESK, M. E.
NOVEMBER 13, 1978 THIS DOCUMENT DESCRIBES A SET OF EASY TO USE MACROS FOR PREPARING DOCUMENTS ON THE UNIX SYSTEM. IT INCLUDES THE --GUIDE TO PREPARING DOCUMENTS WITH - MS . SEE ALSO UNED(1111)

UNED1029 A SYSTEM FOR TYPESETTING MATHEMATICS
KERNIGHAN, B. W. + CHERRY, L. L.
JANUARY, 1979 THIS PAPER DESCRIBES THE DESIGN AND IMPLEMENTATION OF A SYSTEM FOR TYPESETTING MATHEMATICS. SEE ALSO UNED(1011)

UNED1042 UNIX FOR BEGINNERS - SECOND EDITION
KERNIGHAN, B. W.
FEBRUARY 8, 1979 THIS PAPER IS MEANT TO HELP NEW USERS GET STARTED ON UNIX.

UNED1075 TYPESETTING ACS AND APS MEETING ABSTRACTS - ISSUE 2
EDELSON, D.
TM 77-1351-1 JANUARY 3, 1977 THIS MEMO DESCRIBES HOW MEETING ABSTRACTS CAN NOW BE PHOTOCOMPOSED USING A CONVENIENT PACKAGE OF TROFF COMMANDS. THIS SYSTEM IS IMPLEMENTED ON THE M6000 AND DEPT. 127'S UNIX. THIS MEMORANDUM IS A REVISION OF MN 75-1352-39.

UNED1082 WEBSTER'S SECOND ON THE HEAD OF A PIN
MORRIS, R. + THOMPSON, K.
TM 74-1271-13 JULY 18, 1974 THIS MEMO DESCRIBES A LIST OF WORDS FROM WEBSTER'S SECOND UNABRIDGED DICTIONARY (WITHOUT DEFINITIONS) AS A TEST CASE FOR SPECIAL PURPOSE TEXT COMPRESSION TECHNIQUES.

UNED1083 AN ALGORITHM FOR DIFFERENTIAL FILE COMPARISON
HUNT, J. W. + MCILROY, M. D.
TM 75-1271-11 OCTOBER 1, 1975 THE PROGRAM DIFF REPORTS DIFFERENCES BETWEEN TWO FILES EXPRESSED AS A MINIMAL LIST OF LINE CHANGES TO BRING EITHER FILE INTO AGREEMENT WITH THE OTMER.

UNED1085 NUMERIC PATTERN RECOGNITION DATA BASE FOR UNIX SYSTEMS
GREENBERG, M. E. + ROBERTS, C. S.
TM 76-1353-1 JANUARY 5, 1978 THIS MEMORANDUM DESCRIBES THE DATA BASE CONTENTS AND FORMAT.

UNED1089 COMPUTER TYPESETTING OF TECHNICAL JOURNALS ON UNIX
LESK, M. E. - KERNIGHAN, B. W.
TM 76-1274-2, TM 76-1273-1 MARCH 29, 1976

UNED1091 A SECRETARIAL TYPING SYSTEM USING UNIX
ENGELBERT, E. P.
FEBRUARY 27, 1976 MEMORANDUM FOR FILE

UNED1098 PWB/MM - PROGRAMMER'S WORKBENCH MEMORANDUM MACROS (T.2)
MASHEY, J. R. + SMITH, D. W.
TM 77-9144-5, TM 77-9234-23 OCTOBER 1977 THIS MEMORANDUM IS A USER'S GUIDE AND REFERENCE MANUAL FOR PWB/MM, A GENERAL PURPOSE PACKAGE OF TEXT FORMATTING MACROS FOR USE WITH THE UNIX TEXT FORMATTERS NROFF AND TROFF. SUPERSEDES TM 76-9144-1 SEE ALSO UNED(1190) + UNED(1216)

UNED1104 THE LEARN PROGRAM FOR COMPUTER INSTRUCTION:(2ND EDITION)
KERNIGHAN, B. W. + LESK, M. E.
TM 79-1274-6, TM 79-1273-5 MAY 31, 1979 THIS PAPER DESCRIBES THE LEARN PROGRAM FOR INTERPRETING CAI SCRIPTS ON UNIX, AND A SET OF SCRIPTS WHICH PROVIDE A COMPUTERIZED INTRODUCTION TO USE OF THE UNIX OPERATING SYSTEM.

UNED1106 TBL - A PROGRAM TO FORMAT TABLES
LESK, M. E.
JANUARY 16, 1979 TBL IS A DOCUMENT FORMATTING PREPROCESSOR FOR TROFF OR NROFF WHICH MAKES EVEN FAIRLY COMPLEX TABLES EASY TO TO SPECIFY AND ENTER.

UNED1107 PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING.
(G.4)
, T. A. DOLOTTA, ET AL.
TM 78-9141-6, TM 78-9144-3, TM 78-9411-1, TM 78-9421-2 JULY 30, 1978 FOUR PAPERS ARE INCLUDED IN THIS MEMO. THEY CONSIST OF FOUR SPECIFIC PWB FACILITIES AND A DESCRIPTION OF ONE USER GROUP'S EXPERIENCE WITH PWB.

UNED1108 ADVANCED EDITING ON UNIX
KERNIGHAN, B. W.
SEPTEMBER 28, 1979 THIS PAPER IS MEANT TO HELP SECRETARIES, TYPISTS AND PROGRAMMERS TO MAKE EFFECTIVE USE OF THE UNIX FACILITIES FOR PREPARING AND EDITING TEXT.

UNED1109 PROGRAMMER'S WORKBENCH - SYNOPSIS OF FACILITIES (G.1)
DOLOTTA, T. A. + HAIGHT, R. C.
TM 77-9144-3, TM 77-9234-17 SEPTEMBER 15, 1977 THIS MEMORANDUM GIVES AN OVERVIEW OF THE PROGRAMMER'S WORKBENCH, A PROGRAM DEVELOPMENT AND TEXT PROCESSING FACILITY DESIGNED AND USED WITH THE BISP AREA AT BTL. SUPERSEDES TM 78-9141-7

"UNED - EDITING AND DOCUMENTATION PREPARATION"

UNED1111 A GUIDE TO PREPARING DOCUMENTS ON UNIX
LESK, M. E.
APRIL 1977 THIS CARD GIVES SOME SIMPLE EXAMPLES OF DOCUMENT PREPARATION ON THE UNIX SYSTEM, EMPHASIZING THE USE OF THE - MS MACROS PACKAGE. REVISION OF SEPTEMBER 1976

UNED1112 NEW GRAPHIC SYMBOLS FOR EQN AND NEQN (T.6)
SCROCCA, C.
TM 76-7133-1 SEPTEMBER 15, 1976 THIS DOCUMENT DISPLAYS A SET OF SPECIAL CHARACTERS FREQUENTLY USED IN TECHNICAL TYPING. IT SHOWS HOW TO USE THEM AND DISCUSSES WHAT IS INVOLVED IN MAKING A SPECIAL CHARACTER.

UNED1115 NROFF/TROFF FORMATTING CODES FOR DEPARTMENTAL ORGANIZATION DIRECTORIES ON PWB/UNIX.
SMITH, D. W.
SEPTEMBER 1, 1976 MEMORANDUM FOR FILE THIS MEMO DESCRIBES A PWB/UNIX DOCUMENTATION FACILITY FOR DEPARTMENTAL DIRECTORIES.

UNED1117 SYSTEM FOR ENTERING DATA THROUGH COMPUTER DISPLAYED FORMS
STARK, E. W. + LYCKLAMA, H.
TM 76-1352-6 OCTOBER 22, 1976 THIS DOCUMENT DESCRIBES TWO PROGRAMS WHICH MAKE UP A SYSTEM FOR MANAGING A DATA BASE THROUGH THE USE OF COMPUTER DISPLAYED FORMS.

UNED1119 NROFF/TROFF USER'S MANUAL
CASSANA, J. F.
JANUARY 1979 NROFF AND TROFF ARE TEXT PROCESSORS AVAILABLE ON UNIX. TROFF IS ALSO AVAILABLE ON GCOS. NROFF FORMATS TEXT FOR A VARIETY OF TYPEWRITER-LIKE TERMINALS. TROFF FORMATS TEXT FOR PRINTING ON A GRAPHIC SYSTEM PHOTOTYPESETTER.

UNED1121 PROGRAMMER'S WORKBENCH DOCUMENTATION ROADMAP (B.1)
MASHEY, J. R.
TM 77-8234-18 SEPTEMBER 30, 1977 THIS DOCUMENT ATTEMPTS TO BE A TERSE UP-TO-DATE OUTLINE OF CRUCIAL DOCUMENTS AND INFORMATION SOURCES.

UNED1139 EASY PHOTOTYPESET VIEW GRAPHS ON UNIX
VOGEL, G. C.
MF 77-8234-055 MAY 18, 1977 A SET OF TROFF MACROS HAS BEEN CREATED TO PRODUCE PHOTOTYPESET 7X7 INCH VIEW GRAPHS ON DEPT. 8234 UNIX. A COMPANION SET OF NROFF MACROS ARE ALSO PROVIDED. THIS MEMORANDUM IS A REVISION OF MF-76-8234-019

UNED1148 NROFF MACROS FOR PRODUCING GENERIC PROGRAM DOCUMENTATION.
CUMMINGHAM, S. J.
TM 77-8222-1 MARCH 18, 1977 A SET OF NROFF MACROS HAVE DEVELOPED FOR PRODUCING PROGRAM APPLICATIONS INSTRUCTIONS (PAS), PROGRAM SPECIFICATIONS (PDS), INPUT MANUALS (IMS) AND OUTPUT MANUALS (OMS) FOR THE NO.2 SWITCHING CONTROL CENTER.

UNED1162 PWB/UNIX MANUAL PAGE MACROS (I.9)
PISKORIK, E. M.
TM 77-9141-7 MARCH 1, 1977 THIS MEMORANDUM IS A REFERENCE FOR ALL WHO WISH TO PREPARE MANUAL PAGES LIKE THOSE IN THE UNIX PROGRAMMER'S MANUAL OR THE PWB/UNIX USER'S MANUAL.

UNED1165 CIRCUIT DESIGN AIDS ON UNIX
FRASER, A. G. + RICOLE, G. G.
TM 77-1273-8, TM 77-9155-2 MARCH 29, 1977 THIS MEMORANDUM DESCRIBES PROGRAMS WRITTEN IN THE C LANGUAGE WHICH USE A TEKTRONIC 4014 GRAPHIC TERMINAL. IT ALSO INCLUDES SUMMARY DESCRIPTIONS AND EXPLAINS STRATEGIES EMPLOYED BY THE PROGRAMS.

UNED1169 AN INTERACTIVE COMPUTER CONTROLLED DATA ACQUISITION SYSTEM WITH A CAMAC REAL TIME TM-DISPLAY
BOIE, R. A. + ROBBINS, M. - KERR, R.
TM 77-1131-17 MAY 12, 1977 AN INTERACTIVE COMPUTER CONTROLLED DATA ACQUISITION SYSTEM WITH A REAL TIME CATHODE RAY TUBE (CRT) DISPLAY IS DESCRIBED. LOCAL DATA ANALYSIS FUNCTIONS ARE PROVIDED AS WELL AS 2-WAY TRANSMISSION OF DATA TO POP-11/46 RUNNING UNDER MERT/UNIX OPERATING SYSTEM.

UNED1170 FORMATTING PROGRAM GENERIC DOCUMENTS ON UNIX
VOGEL, G. C.
MF 77-8234-57 MAY 24, 1977 THIS MEMORANDUM PRESCRIBES SIMPLE PROCEDURES TO PRODUCE DOCUMENTS CONSISTENT WITH BELL SYSTEM PROGRAM DOCUMENTATION FORMAT. A PROCEDURE FOR CONVERTING A TECHNICAL MEMORANDUM INTO STANDARD FORMAT IS GIVEN AND A PROCEDURE FOR PREPARING FORMATTED PERMUTED INDEXES.

UNED1174 REFERENCE SHEET FOR PWB/MM MACROS
ROBIN, R. F.
JULY 1977

UNED1175 COMPUTERIZED OFFICE FILING SYSTEM
MILLER, R. E.
TM 77-1353-4 MAY 10, 1977 THIS MEMORANDUM DESCRIBES AN ON-LINE COMPUTER SYSTEM FOR FILING AND RETRIEVING DOCUMENTS IN AN OFFICE ENVIRONMENT.

UNED1177 EDTV - A DISPLAY-ORIENTED TEXT EDITOR FOR UNIX
REISER, J. F.
TM 77-1353-6 AUGUST 1, 1977 THIS MEMORANDUM IS A DESCRIPTION OF THE FEATURES AND COMMANDS OF EDTV, A DISPLAY-ORIENTED TEXT EDITOR WHICH RUNS UNDER THE UNIX OPERATING SYSTEM. IT ALLOWS THE REGULAR EXPRESSION EDITING FEATURES OF ED, THE STANDARD UNIX EDITOR.

UNED1179 NEW TEXT FORMATTING SOFTWARE FOR THE PWB SYSTEMS
SMITH, D. W.
FEBRUARY 2, 1977 MEMORANDUM FOR FILE A C VERSION OF NROFF AND TROFF ARE NOW AVAILABLE ON PWB SYSTEM A. THE LATEST VERSIONS OF TBL AND EQN/NEQN WHICH UTILIZE FEATURES OF THE C VERSION NROFF AND TROFF ARE ALSO AVAILABLE.

UNED1184 A COMPUTER ASSISTED COMMUNICATION SYSTEM. (CACS)
J. M. J. SHANNON JR.
TM 77-1352-5 JULY 22, 1977 CACS HAS BEEN REWRITTEN TO RUN ON A DEC LSI-11. RUNNING LSI-UNIX CACS ALLOWS SEVERELY HANDICAPPED CEREBRAL PALSY VICTIMS TO COMMUNICATE WITH THE OUTSIDE WORLD VIA A TYPEWRITER-LIKE KEYBOARD TEXT ON A TELEVISION SCREEN. DIFFERENCES BETWEEN ORIGINAL IMPLEMENTATION AND FUTURE POSSIBLE IMPROVEMENTS ARE NOTED.

"UNED - EDITING AND DOCUMENTATION PREPARATION"

UNED1188 PWB/UNIX BEGINNER'S COURSE (T.2)
, M. E. PEARLMAN + STRAUSS, S. M.
DECEMBER 1977 AN OUTLINE WITH VIEW GRAPHS.

UNED1190 TYPING DOCUMENTS WITH PWB/MM (T.3)
SMITH, D. W. + PISKORIK, S. M.
OCTOBER 1977

UNED1191 PWB/MM TUTORIAL (T.4)
SMITH, N. W.
DECEMBER 1977 INTRODUCTION TO PWB/UNIX TEXT PROCESSING.

UNED1192 PWB/UNIX VIEW GRAPH AND SLIDE MACROS (T.9)
COLOTTA, T. A. + SMITH, D. W.
DECEMBER 1977 GREATLY EASIES THE TASK OF MAKING TRANSPARENCIES WITH TROFF.

UNED1205 CUT AND PASTE - TWO UNIX WORD PROCESSING COMMANDS
LUDERER, G. W. R.
MF 77-6234-086 SEPTEMBER 30, 1977 CUT AND PASTE ARE TWO NEW UNIX WORD PROCESSING COMMANDS THAT COMPLEMENT GREP AND CAT. CUT DISSECTS A FILE VERTICALLY, AND PASTE IS THE REVERSE OPERATION OF CUT.

UNED1213 SOME APPLICATIONS OF INVERTED INDEXES ON THE UNIX SYSTEM
LESK, M. E.
JANUARY 1979 THIS MEMORANDUM DESCRIBES A SET OF PROGRAMS WHICH MAKE INVERTED INDEXES TO UNIX TEXT FILES, AND THEIR APPLICATION TO RETRIEVING AND FORMATTING CITATIONS FOR DOCUMENTS PREPARED USING TROFF.

UNED1216 SUMMARY OF PWB/MM MACROS, STRINGS, AND REGISTERS (T.2)
SMITH, D. W. + MASHEY, J. R.
NOVEMBER 1977 THIS REFERENCE CARD IS PART OF THE DOCUMENT UNED(1098) T.2

UNED1263 NEW PERMUTED INDEX PROGRAM ON UNIX
MARANZANO, J. F.
MF 78-6234-59 MAY 1, 1978 PROMPTED BY REQUESTS FOR ENHANCEMENTS AND A NEED FOR IMPROVED FORMATTING, A NEW PERMUTED INDEX PROGRAM, PTX, HAS BEEN WRITTEN ON UNIX. THE MEMORANDUM DESCRIBES THE NEW FEATURES OF THIS PROGRAM AS WELL AS THE MOTIVATION FOR THESE IMPROVEMENTS.

UNED1280 MVIEW - A SET OF MACROCOMMANDS FOR THE GENERATION OF VIEW GRAPHS
STURMAN, J. N.
TM 78-6231-2 JUNE 21, 1978 THIS MEMORANDUM IS A USER'S REFERENCE MANUAL FOR MVIEW, A GENERAL-PURPOSE MACROCOMMAND PACKAGE FOR THE PHOTOTYPESETTING OF VIEW GRAPHS. THIS MEMORANDUM SUPERSEDES TM 77-8231-6.

UNED1292 USE OF DISPLAY EDITORS
OZIMEK, L. C.
AUGUST 11, 1978 THIS MEMORANDUM DISCUSSES ADVANTAGES AND DISADVANTAGES OF DISPLAY EDITING VS. LINE EDITING. IT ALSO DESCRIBES FEATURES AND CAPABILITIES OF THE DISPLAY EDITORS CURRENTLY AVAILABLE ON UNIX.

UNED1300 ATS TO PWB/MM CONVERTER
SMITH, N. W.
SEPTEMBER 29, 1978 THIS DOCUMENT TELLS HOW TO RUN THE ATSMW CONVERTER, DESCRIBES THE PWB/MM M PRODUCED FOR EACH ATS COMMAND, EXPLAINS ANY ACTION REQUIRED FOR THE SMALL OF ATS FEATURES THAT ARE NOT DIRECTLY SUPPORTED BY PWB/MM, AND GIVES POINT ADDITIONAL PWB/MM FEATURES.

UNED1301 A GUIDE TO THE OF PSEUDO-ATS ON UNIX
CENTER, NO COMPUTER
OCTOBER 1978 THIS MEMORANDUM EXPLAINS HOW TO MOVE DOCUMENTS FROM AN ATS SYSTEM ONTO UNI

UNED1307 SED - A NON-INTERACTIVE TEXT EDITOR
MCNAMEE, L. E.
TM 78-1270-1 AUGUST 15, 1978 THIS MEMORANDUM CONSTITUTES A MANUAL FOR USERS OF SED.

UNED1314 TBL OPTIONS SUMMARY
OKRENT, M. F.
DECEMBER 6, 1978 SEE ALSO UNED(1106)

UNED1317 UNED - A DATA FILE EDITOR
WARD, J. C.
NOVEMBER 16, 1978 THIS MEMO DESCRIBES THE UNIX VERSION AND CONTAINS A USER TUTORIAL AND COMMAND GUIDE.

UNED1386 FINAL REPORT: SECRETARIAL WORD PROCESSING FACILITY ENHANCEMENT
SHANAHAN, J. M.
APRIL 30, 1979 THIS PAPER DISCUSSES THE EVOLUTION OF THE WORD PROCESSING OPERATION FROM THE INITIAL CONFIGURATION HAVING HARDCOPY TERMINALS AT EACH SECRETARIAL STATION TO THE CURRENT CONFIGURATION HAVING CRT'S AT THESE STATIONS AND HAVING HIGH QUALITY PRINTOUT PRODUCED REMOTELY IN THE COMPUTER ROOM.

UNED1441 A TUTORIAL INTRODUCTION TO THE GRAPHICAL EDITOR (GED)
FEUER, A. R.
TM 79-3782-3 JULY 30, 1979 THIS MEMORANDUM IS A TUTORIAL FOR GED, AN INTERACTIVE PROGRAM USED TO DISPLAY, EDIT, AND CONSTRUCT LINE DRAWINGS ON TEKTRONIX 4010 SERIES DISPLAY TERMINALS.

UNED1456 A PORTABLE VERSION OF THE UNIX TEXT EDITOR ED
HORTON, M. R.
TM 79-3723-2 SEPTEMBER 14, 1979 THIS PAPER DESCRIBES A VERSION OF THE UNIX TEXT EDITOR, ED, WHICH HAS BEEN WRITTEN TO RUN ON UNIX, CCOSS, AND TSO.

UNED1479 AN INTRODUCTION TO THE PWB/MM TEXT FORMATTER
VENDOLAND, K. S.
AUGUST 23, 1979 A TUTORIAL INTRODUCTION TO THE PWB/MM TEXT FORMATTER.

"UNED - EDITING AND DOCUMENTATION PREPARATION"

UNED1497 WRITING TOOLS - THE STYLE AND DICTION PROGRAMS
CHERRY, L. L. + VESTERMAN, W.
JANUARY 16, 1980 THE SYSTEM OF WRITING TOOLS DESCRIBED IN THIS MEMO INCLUDES PROGRAMS AND A DATA BASE TO ANALYZE WRITING STYLE AT THE WORD AND SENTENCE LEVEL.

UNED1515 THE DIRECT II VIRTUAL PHOTOPROCESSOR
DIVER, T.J. - FISHMAN, D. H.
TM 79-9467-8, TM 79-3633-1 DECEMBER 25, 1979 THIS MEMO DISCUSSES ISSUES INVOLVED IN DEVELOPING TYPESETTER- INDEPENDENT COMPOSITION SOFTWARE, AND DESCRIBES A SUBROUTINE PACKAGE, WRITTEN IN C ON A PDP 11/70 UNDER THE UNIX/RT OPERATING SYSTEM, WHICH IMPLEMENTS A VIRTUAL PHOTOCOMPOSER.

UNED1518 MEMO - A TOOL FOR PRODUCING AND MAINTAINING DOCUMENTS
CRISTOFOR, E.
TM 80-3168-2 FEBRUARY 20, 1980 THIS PAPER DESCRIBES THE MEMO COMMAND, THAT CAN BE USED FOR PRODUCING AND MAINTAINING A DOCUMENT WITH A MINIMUM OF PROCESSING.

UNED1528 CHANGES TO TEXT PROCESSING SOFTWARE FOR UNIX RELEASE 3.0
SOCK, N. E.
APRIL 7, 1980 THIS MEMORANDUM SUMMARIZES THE CHANGES MADE TO THE TEXT PROCESSING SOFTWARE FOR THE UNIX RELEASE 3.0.

UNED1541 WRITER'S WORKBENCH: COMPUTER PROGRAMS FOR TEXT EDITING AND ASSESSMENT (RELEASE 1.0)
MACDONALD, N. M. - PRASE, L. T. - KEENAN, S. A.
TM 80-3771-2 MAY 9, 1980 THE WRITER'S WORKBENCH IS A SET OF PROGRAMS DESIGNED TO HELP WRITERS IMPROVE THEIR DOCUMENTS. THE WRITER'S WORKBENCH COMMANDS AND THEIR OPTIONS ARE DESCRIBED AND SUMMARIZED.

UNED1542 AN INTERACTIVE SCREEN EDITOR FOR UNIX (EMACS)
MONTGOMERY, W.
TM 80-5343-2 APRIL 14, 1980 THIS MEMORANDUM DESCRIBES AN INTERACTIVE SCREEN EDITOR FOR UNIX KNOWN AS EMACS. THE COMMANDS AND EDITING ENVIRONMENT OF EMACS, AND SOME EXPERIENCE WITH ITS USE ARE PROVIDED.

UNED1553 XE - A SCREEN EDITOR FOR UNIX
RUGAER, S.
MAY 16, 1980 IN THIS MEMO SCREEN EDITORS ARE CHARACTERIZED AS THE THIRD GENERATION OF COMPUTERIZED TEXT EDITORS. THEIR ADVANTAGES ARE SUMMARIZED AND A SHORT GENEALOGY IS GIVEN. A PARTICULAR SCREEN EDITOR, XE, WHICH RUNS ON THE UNIX OPERATING SYSTEM, IS DESCRIBED AS AN EXAMPLE OF AN EDITOR THAT IS EASY TO LEARN AND USE.

UNED1554 PRE AND POST PROCESSORS FOR THE UNIX EDITOR TO PROVIDE CONTROLLED USER INTERACTION
PATTON, G. C.
TM 80-9281-1 JUNE 11, 1980 THREE NOVEL EXAMPLES ARE PRESENTED IN WHICH PIPES ARE USED TO INTERFACE THE UNIX EDITOR (ED) TO PRE AND POST PROCESSOR INTERACTIVE SHELLS. PROBLEMS RELATED TO PRE AND POST PROCESSING OF EDITOR INPUT AND OUTPUT ARE DISCUSSED AND TWO NEW SHELL FEATURES ARE SUGGESTED.

UNED1584 AN EXTENDED UNIX TEXT EDITOR - EX
DATTATREYA, S. S.
JULY 31, 1980 THIS MEMORANDUM DESCRIBES AN EXTENSION TO THE UNIX TEXT EDITOR, ED. THE EDITOR DESCRIBED, CALLED EX, CAN DISPLAY LINE NUMBERS, PROVIDE AUTOMATIC INDENTATION, CAN DISPLAY A SCREEN FULL OF TEXT, AND INCORPORATES SOME NICE PSS FEATURES.

UNED1600 TOOLS FOR PREPARATION OF TECHNICAL DOCUMENTS ON THE UNIX SYSTEM
LESK, MICHAEL
TM 80-1274-9 SEPTEMBER 30, 1980 EXPERIENCE WITH SOFTWARE DEVELOPMENT, TRAINING, AND PRODUCTION IS REVIEWED.

UNED1627 PROSPECTUS ON QASYS, AN OFFICE AUTOMATION SYSTEM
BROOKS, C. A. + GUIDI, P. V.
OCTOBER 7, 1980 THIS MEMORANDUM IS A PROSPECTUS ON QASYS FROM THE DEVELOPERS' VIEWPOINT. IT DESCRIBES THE MOTIVATION FOR QASYS, NEAR-TERM STRATEGIES AND CAPABILITIES, SCHEDULES, LONGER-TERM DIRECTION, AND REQUIRED RESOURCES.

UNED1628 USER GUIDE FOR THE OSOO ADAPTER MACRO PACKAGE
SMITH, N. W.
NOVEMBER 7, 1979 THE OSOO ADAPTER MACRO PACKAGE IS A TOOL USED WITH THE PWS/MM MACRO PACKAGE TO PREPARE OPERATIONS SYSTEMS DELIVERABLE DOCUMENTATION (SEE SECTION 4.1 OF THE OSOO STANDARDS FOR DETAILS OF THE REQUIRED FORMAT).

UNED1629 DOCGEN - A SCRIPT DRIVEN PROGRAM FOR TYPING DOCUMENTS
CHERRY, L. L.
TM 80-1271-9 NOVEMBER 18, 1980 THIS PAPER DESCRIBES THE DOCGEN PROGRAM FOR HELPING NEW OR OCCASIONAL USERS FORMAT THEIR DOCUMENTS ON THE UNIX SYSTEM.

UNED1634 A MICROPROCESSOR-SUPPORTED SCREEN EDITOR (SCRED)
HAIGHT, R. C.
TM 81-46173-1 JANUARY 20, 1981 INTERACTIVE SCREEN (CRT TERMINAL) EDITOR PROGRAMS GENERALLY CAUSE MUCH HIGH TIMESHARING SYSTEM OVERHEAD THAN HARD COPY-ORIENTED EDITORS. THIS MEMORANDUM DESCRIBES A SCREEN EDITOR IN WHICH THE ADDITIONAL OVERHEAD IS TRANSFERRED TO A MICROPROCESSOR ASSOCIATED WITH THE TERMINAL.

UNED1640 F1 - A FORM LETTER GENERATOR FOR THE UNIX SYSTEM
CHEN, P. C.
TM 80-7422-1 DECEMBER 1, 1980

UNED1649 MM - AN EASIER WAY TO CREATE MEMORANDA
HOERL, D. F.
TM 80-9324-2 NOVEMBER 6, 1980 THE SHELL PROGRAM MM PRODUCES KEEPED MEMORANDA ON THE UNIX OPERATING SYSTEM FASTER, EASIER, AND MORE EFFICIENTLY THAN DOES MM ALONE.

UNED1650 TED REFERENCE MANUAL
GRUCHAZ, A. M. + SHARMA, D. K.
TM 81-11359-3 JANUARY 5, 1981 TED IS A SCREEN-BASED EDITOR THAT CAN BE USED TO CREATE AND EDIT TEXT FILE USING DISPLAY TERMINALS. THIS DOCUMENT CONTAINS A BRIEF INTRODUCTION TO TED AND A COMPLETE DESCRIPTION OF ALL ITS COMMANDS.

"UNED - EDITING AND DOCUMENTATION PREPARATION"

UNED1647 A TUTORIAL INTRODUCTION TO THE WRITER'S WORKBENCH
GINGRICH, P. S.
TM 81-45271-3 APRIL 1, 1981 THIS MEMORANDUM IS A TUTORIAL GUIDE TO THE WRITER'S WORKBENCH. THE WRITER'S WORKBENCH (RELEASE 2.0) CONSISTS OF 32 COMPUTER PROGRAMS, WHICH RUN UNDER THE UNIX OPERATING SYSTEM. A COMPANION MEMORANDUM, TM 81-45271-2, WRITER'S WORKBENCH: COMPUTER AIDS FOR WRITING (RELEASE 2.0) BY MACDONALD, KEENAN, GINGRICH, FOX, PRASE, AND COLLYMORE (1981), DESCRIBES THESE PROGRAMS. SEE ALSO UNED(1541)

UNED1657 PORTING NROFF/TROFF TO UNIX ON DEC VAX 11/780, UNIVAC 1100, IBM 370, AND TO IBM TSO
DALRYMPLE, F. L.
TM 80-3683-1 SEPTEMBER 26, 1980 THE NROFF/TROFF PROGRAMS HAVE BEEN PORTED TO UNIX ON THE VAX 11/780, UNIVAC 1100, AND IBM 370 ARCHITECTURE COMPUTERS, AND TO THE NON-UNIX ENVIRONMENT OF TSO. THIS PAPER DESCRIBES SOME HIGHLIGHTS OF THE PORTING EFFORT.

UNED1658 DEVELOPMENT OF A SPELLING LIST
MCILROY, M. D.
TM 81-11271-2 JANUARY 29, 1981 THIS PAPER TELLS HOW THE SPELLING CHECKER WORKS, HOW THE WORDS WERE CHOSEN, HOW THE SPELLING CHECKER WAS USED TO IMPROVE ITSELF, AND HOW THE (REDUCED) LIST OF 30,000 ENGLISH WORDS WAS SQUEEZED INTO 26,000 16-BIT MACHINE WORDS.

UNED1659 CHANGE MANAGEMENT EDITOR (CMED)
BAROFSKY, A.
TM 81-45174-2 MARCH 2, 1981 THIS PAPER DESCRIBES THE CHANGE MANAGEMENT EDITOR (CMED), A COMMAND THAT PROVIDES A SIMPLE AND PAST METHOD TO CONTROL CHANGES TO SOURCE FILES ON UN

UNED1660 UNIX RELEASE 4.0 - CHANGES TO THE TEXT PROCESSING SOFTWARE
BOCK, N. G.
DECEMBER 11, 1980 MANY CHANGES HAVE BEEN MADE TO THE TEXT PROCESSING SOFTWARE BY THE UNIX COMMANDS AND TEXT PROCESSING GROUP OF DEPARTMENT 3683 IN PREPARATION FOR UNIX RELEASE 4.0. THIS MEMORANDUM SUMMARIZES THESE CHANGES. A COMPANION DOCUMENT "UNIX RELEASE 4.0 - HIGHLIGHTS OF CHANGES TO COMMANDS", DECEMBER 11, 1980, BY F. M. CARLSON AND R. R. RUSH OUTLINES CHANGES TO UNIX COMMANDS. SEE ALSO UNOS(1661)

UNED1685 TED INSTALLATION MANUAL
GRUCHACZ, A. M. - SHARMA, D. K.
TM 81-11359-4 FEBRUARY 17, 1981 THIS DOCUMENT CONTAINS A BRIEF DESCRIPTION OF HOW TO INSTALL TED ON A NEW SYSTEM, A TABLE OF THE CURRENT KEYBOARDS, A DESCRIPTION OF HOW TO INTERFACE A NEW TERMINAL TO TED, AND INFORMATION ON CUSTOMIZING THE KEYBOARD AND SYNONYMS FILES.

UNED1686 USER'S MANUAL FOR GETTING STARTED ON POLY
GAUNTLETT, C. H.
TM 81-45171-2 MARCH 18, 1981 THIS MEMORANDUM IS A TEACHING GUIDE FOR GETTING STARTED WITH THE GRAPHICS EDITOR. SEE ALSO UNSU(1631)

UNED1705 UNIX COMMANDS FOR MANAGERS AND NON-PROGRAMMERS
COREY, D. A.
TM 81-54833-11 AUGUST 17, 1981 THIS DOCUMENT ATTEMPTS TO CALL OUT THE COMMANDS THAT MIGHT BE OF VALUE TO "MANAGERS AND NON-PROGRAMMERS". THE COMMANDS ARE LISTED AND A CAPSULE DESCRIPTION OF WHAT THEY DO IS PROVIDED. IN ADDITION, SOME TUTORIAL MATERIAL IS PROVIDED TO HELP NEWCOMERS OVER A COUPLE OF ROUGH SPOTS TYPICALLY ENCOUNTERED.

UNED1706 VOTED - A VOICE COMMAND TEXT EDITOR
GRUCHACZ, A. M.
TM 81-11359-10 JUNE 4, 1981 THIS PAPER DESCRIBES THE VOICE COMMAND TEXT EDITOR, VOTED, SOME HARDWARE AND SOFTWARE ASPECTS OF THE VOICE RECOGNITION UNIT, AND THE UTILITY PROGRAMS NEEDED TO RUN THIS SYSTEM EFFECTIVELY.

UNED1707 THE DISPLAY TEXT EDITOR TED: A CASE STUDY IN THE DESIGN AND IMPLEMENTATION OF DISPLAY-ORIENTED INTERACTIVE HUMAN-INTERFACE
SHARMA, D. K. - GRUCHACZ, A. M.
TM 81-11359-11 JULY 7, 1981 THIS MEMO PRESENTS THE CRITERIA THAT WERE USED IN DESIGNING THE HUMAN-INTERFACE OF THE DISPLAY TEXT EDITOR TED AND EXPLAINS HOW THE DESIGN TRADE-OFFS WERE MADE.

UNED1708 EDX - A CRT EDITOR EXTENSION TO THE UNIX TEXT EDITOR
PEARSON, M.
JULY 25, 1978 THIS MEMO IS A DESCRIPTION OF THE FEATURES AND COMMANDS OF EDX.

"UNCI - GENERAL INFORMATION"

UNCI1331 READ - C PROGRAMS FOR ANALYZING READABILITY
COKE, E. U. - KOETHER, W. E.
TM 78-1222-9 NOVEMBER 22, 1978 THIS MEMORANDUM DESCRIBES TWO C PROGRAMS WHICH ARE AVAILABLE FOR ANALYZING OF WRITTEN MATERIALS.

UNCI1337 REPORT GENERATION ON UNIX
BORISON, E.
FEBRUARY 1, 1979 THIS MEMORANDUM DEMONSTRATES HOW AWK CAN BE USED FOR THE SAME PURPOSE ON UNIX AS THE TSS PROGRAM, REPORT.

UNCI1340 MINUTES, ISCC COMMON COMMAND SUBCOMMITTEE
NELSON, N-P.
JANUARY 26, 1979

UNCI1396 UNIX USERS GROUP MEETING - TORONTO, JUNE 19-23, 1979
EISEN, S. R.
JUNE 26, 1979 THIS PAPER IS A TRIP REPORT OF THE SUMMER 1979 (EAST COAST) MEETING OF THE UNIX USERS GROUP WHICH TOOK PLACE AT THE UNIVERSITY OF TORONTO, ONTARIO.

UNCI1470 THE EVOLUTION OF THE UNIX TIME-SHARING SYSTEM
RITCHIE, D. M.
THIS PAPER PRESENTS A BRIEF HISTORY OF THE EARLY DEVELOPMENT OF THE UNIX OPERATING SYSTEM.

UNCI1477 EXPERIENCES WITH THE UNIX TIME-SHARING SYSTEM
LICHTS, J.
MARCH 1979

UNCI1485 UNIX/TS DOCUMENTATION ROAD MAP
SNYDER, C. A. - MASHEY, J. R.
TM 79-3646-1, TM 79-9322-2 NOVEMBER 9, 1979 THE PURPOSE OF THIS DOCUMENT IS TO PROVIDE A GUIDE TO UNIX COMMANDS AND FEATURES FOR NEW USERS.

UNCI1563 CYCLES TO BURN: THE CHALLENGE OF ABUNDANCE
FEUER, ALAN R.
TM 80-3633-5 JULY 3, 1980 THE COMPUTING POWER AVAILABLE PER PERSON CONTINUES TO GROW RAPIDLY. THIS PAPER LOOKS AT SOME WAYS THAT THE INCREASED POWER WILL CHANGE WHAT WE EXPECT A COMPUTING SYSTEM TO DO FOR US.

UNCI1630 UNIX AND C BIBLIOGRAPHY
BROAD, W. M.
JANUARY 1981 THIS BIBLIOGRAPHY CONTAINS 181 REFERENCES TO PUBLISHED DOCUMENTS ON THE UNIX OPERATING SYSTEM AND THE C PROGRAMMING LANGUAGE.

UNCI1709 MMCC GENERAL - USE UNIX SERVICE II
COLDSMITH, S. B.
SEPTEMBER 1, 1981 THIS PAPER IS INTENDED TO BE A DESCRIPTION OF HOW THE MURRAY HILL COMPUTER CENTER UNIX SYSTEMS ARE ADMINISTERED RATHER THAN AN INTRODUCTION UNIX. NEW USERS MAY USE IT AS A POINTER TO OTHER DOCUMENTS AND LEARNING AIDS, AN EXPERIENCED USERS MAY KEEP IT AS A REFERENCE PAPER.

UNCI1729 YET ANOTHER UNIX DATA BASE MANAGEMENT SYSTEM SURVEY
COOGMAN, J. D. - JAKUBOVITS, J. D.
TM 81-77423-1 JULY 16, 1981 THIS PAPER IS A SURVEY OF DATA BASE MANAGEMENT SYSTEMS THAT WERE DEVELOPED RUN UNDER THE UNIX OPERATING SYSTEM. THE SYSTEMS COVERED WERE A RESULT OF A SEARCH OF STL INTERNAL LITERATURE, SELECTED EXTERNAL DOCUMENTS, AND ADDITIONAL INFORMATION SUPPLIED BY DBMS AUTHORS.

"UNHA - HARDWARE"

UNHA1048 A CONTINUOUS SERVICE REAL TIME CLOCK FOR DIGITAL COMPUTERS
VOLLARD, J. R.
TM 75-1273-4 MARCH 13, 1975 THIS PAPER DESCRIBES CONTINUOUS SERVICE; MEANING THE CLOCK CONTINUES TO FUNCTION DURING POWER BLACKOUTS, SYSTEM FAILURES AND SHUTDOWNS AND CAN BE READ WHILE NEVER THE COMPUTER IS OPERABLE.

UNHA1058 C - LANGUAGE ORIENTED MICROPROGRAM FOR THE HP-21MX
FRASER, A. G. - RITCHIE, D. W.
TM 75-1273-1 FEBRUARY 25, 1975 THIS PAPER PROPOSES AN INSTRUCTION-SET ARCHITECTURE DESIGNED FOR IMPLEMENTATION ON THE HEWLETT-PACKARD 21MX MICRO-PROGRAMMED PROCESSOR.

UNHA1107 PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING.
(G.4)
, T. A. DOLOTTA, ET AL.
FOR COMPLETE INFORMATION, SEE UNED (G.4)

UNHA1181 MERT HARDWARE CONFIGURATION
LOIKITS, G. A.
MF 77-6234-037 APRIL 20, 1977 THIS MEMORANDUM CONTAINS TWO PARTS: A DESCRIPTION OF THE MINIMUM MERT HARDWARE CONFIGURATION FOR A PDP-11/70 OR PDP-11/45; AND A LIST, BY DEVICE TYPE, OF ALL PERIPHERAL DEVICES FOR WHICH DRIVERS EXIST IN CENTER 135.

UNHA1183 UNIX ERROR LOGGING
BRANDT, R. B.
FOR COMPLETE INFORMATION, SEE UNOS

UNHA1181 UNIX LINK TO MBS LINE PRINTER AND COMPUTER CENTER SERVICES
SHIRTZ, A. L.
MF 77-6234-13 AUGUST 11, 1977 THIS MEMORANDUM DESCRIBES THE SOFTWARE STRUCTURES WHICH PROVIDE NEW CAPABILITIES TO UNIX USERS IN DEPT. 3124.

UNHA1182 SOME MERT PERFORMANCE MEASUREMENTS IN TRANSACTION ORIENTED PROCESSING.
HAYDEN, D. F.
MF 77-3124-12 JULY 28, 1977 THESE NOTES DESCRIBE SOME MEASUREMENTS RECENTLY TAKEN ON AN 11/70 BASED MERT SYSTEM.

UNHA1198 PWS/UNIX OPERATIONS MANUAL (1.3)
PEARLMAN, M. B.
SEPTEMBER 1977 THIS MANUAL CONTAINS A COMPLETE DESCRIPTION OF CONSOLE OPERATIONS, AS WELL AS STEP-BY-STEP INSTRUCTIONS FOR NORMAL OPERATOR FUNCTIONS.

UNHA1226 DESCRIPTION AND ANALYSIS OF THE DEC KMC11 MICROPROCESSOR
WEHR, L. A.
TM 77-6234-21 NOVEMBER 15, 1977 THIS DOCUMENT PROVIDES A COMPREHENSIVE DESCRIPTION AND ANALYSIS OF THE KMC11 MICROPROCESSOR, COVERING THE ARCHITECTURE AND MICROINSTRUCTION IN DETAIL.

UNHA1240 BETA TEST OF THE COMM IOP-DUP SYNCHRONOUS COMMUNICATIONS CONTROLLER UNDER UNIX
LONG, P. F.
TM 78-6234-4 FEBRUARY 23, 1978 THIS MEMORANDUM DISCUSSES THE IMPLEMENTATION OF THE DRIVER WHICH CONTROLS A NUMBER OF DUP-11'S AND EVALUATES THE COMM IOP FOR USE AS A SYNCHRONOUS CONTROLLER WITH UNIX

UNHA1242 A UNIX DEVICE DRIVER FOR THE PCL11-A - A PARALLEL INTERPROCESSOR COMMUNICATIONS LINK
UNGAR, D. M.
TM 78-3124-2 JANUARY 25, 1978 THE PCL11-A IS A NEW PDP-11 PERIPHERAL PROVIDING HIGH SPEED COMMUNICATION AMONG AS MANY AS 31 COMPUTERS. A UNIX DEVICE DRIVER HAS BEEN WRITTEN FOR THIS DEVICE.

UNHA1254 AN ARRAY AND SWITCHING PROCESSOR
ALLES, M. G.
TM 78-1356-4 FEBRUARY 24, 1978 THIS MEMO DESCRIBES THE GENERAL ARITHMETIC AND INTERCONNECTION MODULE WHICH CAN BE THOUGHT OF AS AN ARRAY PROCESSOR OR SWITCHING PROCESSOR.

UNHA1255 THE TELETYPE DATASPEED 40 LINE PRINTER AS A UNIX PERIPHERAL
DOWD, P. G.
TM 77-6234-12 MAY 13, 1977 THE PRINTER MAY BE OBTAINED IN AN 80 CHARACTER-PER-LINE MODEL OR A 132 CHARACTER-PER-LINE MODEL. ITS PRINT QUALITY IS EXCELLENT; IT HAS A FULL ASCII CHARACTER SET (96 CHARACTERS). DEPARTMENT 6234 HAS SUCCESSFULLY INSTALLED THIS SOFTWARE ON A MERT/UNIX SYSTEM.

UNHA1261 EXPERIENCE WITH HARDWARE SERVICE CONTRACTORS ON PDP-11'S
MARANZANO, J. F. + HAIGHT, R. C.
TM 78-6234-9 APRIL 10, 1978 THIS MEMORANDUM IS INTENDED TO PROVIDE SOME INFORMATION TO THE OPERATING COMPANIES SYSTEM MAINTENANCE GROUPS CONCERNING THE BELL LABS EXPERIENCE WITH MAINTENANCE OF MINICOMPUTERS.

UNHA1282 USING A LINE CLOCK TO ESTIMATE MEAN DISK ACCESS TIME
STUCK, B. W.
EN 3451 JANUARY 18, 1978

UNHA1284 ERROR LOGGING IN UNIX/TS AND UNIX/RT
BRANDT, R. B.
TM 78-6234 JUNE 26, 1978 THIS MEMORANDUM DETAILS THE SPECIFICATIONS FOR AN IMPROVED VERSION OF ERRO FOR UNIX/TS AND UNIX/RT THAT PROVIDES SIGNIFICANTLY MORE COMPATIBILITY BET SYSTEMS, ESPECIALLY IN THE AREA OF THE USER INTERFACE.

UNHA1299 POWER SUPPLY CONTROLLER USING A MAC 8 MICRO PROCESSOR
ROBBINS, M. F. + STENSGAARD, R.
TM 78-1131-36 AUGUST 23, 1978 A SYSTEM HAS BEEN DEVELOPED USING A MAC 8 MICRO PROCESSOR TO CONTROL A PRO

UNHA1305 PROPOSAL FOR A MICROPROCESSOR BASED SYSTEMS DEVELOPMENT LABOR
GWODZ, P. W.
TM 78-4562-2 SEPTEMBER 29, 1978

"UNHA - HARDWARE"

UNHA1330 THE TANDEM COMPUTER SYSTEM - A FIRST LOOK
USAS, A. M.
TM 78-1352-11 OCTOBER 23, 1978 THIS REPORT CONTAINS IN A GREATLY DIGESTED FORM INFORMATION GATHERED FROM EXTENSIVE TANDEM DOCUMENTATION AND IS PRESENTED IN THE FORM OF A BRIEF SUR OF THE FEATURES OF THE SYSTEM.

UNHA1347 EVALUATION OF MICROPROCESSORS SUPPORTING THE C LANGUAGE: LSI-11, MAC-8, Z80
BRADLEY, M. M. + SHERSON, W. E. - WALDHUTER, J. S.
TM 78-3323-3 JUNE 5, 1978 THE PURPOSE OF THIS MEMORANDUM IS TO PRESENT A QUANTITATIVE EVALUATION OF THREE EXISTING MICROPROCESSORS WHICH HAVE AN AVAILABLE C COMPILER.

UNHA1368 STANDARD UNIX CONFIGURATIONS - ISSUE 2
VOCEL, G. C.
MARCH 27, 1979 THIS PAPER LISTS RECOMMENDED PROCESSORS AND PERIPHERALS FOR THE PURPOSE OF EXPEDITING COMPUTER ACQUISITION REVIEWS FOR DEC BASED UNIX SYSTEMS. MINIMUM CONFIGURATION INFORMATION IS ALSO GIVEN FOR UNIX/TS AND UNIX/RT SV

UNHA1380 PDP-11/70 DESIGN ERROR: HANDLING SEGMENTATION VIOLATIONS DIFFERENT FROM PDP-11/45 IMPLEMENTATION
HEDRICK, E. L. + RALEIGH, T. M.
TM 79-4145-3. TM 79-2524-2 APRIL 10, 1979 A DIFFERENCE IN THE OPERATION OF THE DEC PDP-11/70 MEMORY MANAGEMENT UNIT AND THAT OF THE PDP-11/45 BASED PROCESSORS HAS BEEN FOUND. THIS MEMORANDUM DESCRIBES THE MEMORY MANAGEMENT PROBLEM AND SUGGESTS AN ALTERNA CONTEXT SWITCHING IMPLEMENTATION FOR MERT IN THE EVENT THAT DEC CANNOT MAKE PDP-11/70 UPWARD COMPATIBLE WITH THE PDP-11/45.

UNHA1389 FORMAL SPECIFICATION OF X.25 COMPATIBLE LINK PROTOCOL
ERMANN, R.
TM 79-5251-2 JUNE 21, 1979 THE PURPOSE OF THIS MEMORANDUM IS TO CLEARLY DEFINE A LINK PROTOCOL COMPATIBLE WITH THE FOLLOWING STANDARD PROPOSALS: THE LATEST X.25/LAPS DRAFT, HDLC, AND ADCCP. THE FORMAL SPECIFICATION PRESENTED HERE COMPLETES ALL THOSE PROCEDURAL ASPECTS LEFT OPEN BY THE ABOVE CANDIDATE STANDARDS.

UNHA1392 EVALUATION OF THE REMOTE DIAGNOSTIC CONSOLE FOR USE ON BELL SYSTEM PDP-11/70 COMPUTER SYSTEMS
CLARK, D. L.
MAY 11, 1979 THIS MEMO IS INTENDED, IN PART, TO DISPEL SOME OF THE MYTHOLOGY AND MISUNDERSTANDINGS SURROUNDING THE REMOTE DIAGNOSTIC CONSOLE (RDC).

UNHA1394 A FILESYSTEMLESS UNIX FOR THE Z80 MICROPROCESSOR
RUBIN, S. M.
TM 79-1355-5 MAY 1, 1979 THIS PAPER DESCRIBES THE IMPLEMENTATION OF A UNIX SUBSET ON THE Z80.

UNHA1417 AN ICE-86 BASED 6085 SOFTWARE DEVELOPMENT SYSTEM
DENSMORE, W.
TM 79-3231-1 MAY 31, 1979 AN INTERFACE BETWEEN UNIX AND AN INTEL MDS-800 RUNNING ISIS-II IS DESCRIBED. IT INCLUDES FEATURES FOR ALLOWING USER-TO-UNIX COMMUNICATION, MDS-TO-UNIX FILE TRANSFER, AND UNIX-TO-MDS FILE TRANSFER.

UNHA1418 BATTERY BACKUP FOR PDP 11/70 MOS MEMORY
MCGUIRE, J. A.
MAY 2, 1979

UNHA1423 PWB HARDWARE HELP
BROOKS, C. A.
AUGUST 1, 1979

UNHA1460 A DATAKIT NETWORK MONITORING SYSTEM WITH A DIALUP FACILITY
ELLIOTT, R. J.
TM 80-1273-3 FEBRUARY 26, 1980 THIS PAPER DESCRIBES HOW TO USE THE NETWORK MONITOR SYSTEM.

UNHA1513 RELEASE 1.0 OF THE UNIX VIRTUAL PROTOCOL MACHINE
LONG, P. F. + MEE, C.
TM 79-3624-6 OCTOBER 11, 1979 THIS MEMORANDUM DESCRIBES THE INITIAL RELEASE OF THE VIRTUAL PROTOCOL MACHINE (VPM), A NEW UNIX SYNCHRONOUS COMMUNICATION SUBSYSTEM.

UNHA1550 PDP11/0H NOISE ON UNTERMINATED LINES
SHANAHAN, J. M.
JANUARY 22, 1980

UNHA1626 HARDWARE CHECKING FOR NULL POINTERS
REISER, J. F.
TM 80-1353-4 MARCH 19, 1980 OPERATING SYSTEMS SHOULD ROUTINELY USE MEMORY MANAGEMENT HARDWARE SO THAT USER CODE CANNOT REFERENCED A NEIGHBORHOOD CONTAINING (PROCESS VIRTUAL) MEMORY LOCATION 0. BY FORCEABLY TERMINATING EXECUTION WHEN USER CODE DEREFERENCES A NULL POINTER, THE OPERATING SYSTEM PROVIDES AN EXTREMELY POWERFUL DEBUGGING TOOL. THIS MEMO DESCRIBES THE IMPLEMENTATION OF SUCH A FACILITY FOR A UNIX-BASED SYSTEM RUNNING ON THE DEC VAX11, AND OUTLINES A PRACTICAL SCHEME FOR PROVIDING SIMILAR PROTECTION FOR UNIX SYSTEMS ON THE PDP11.

UNHA1683 REMOTE ACCESS TO AN ELECTRONIC COMPUTER CONSOLE
REDMAN, B. E. + WOODS, G. D.
TM 81-54533-2, TM 81-54332-3 MARCH 18, 1981 THIS DOCUMENT DESCRIBES HARDWARE THAT PROVIDES ACCESS TO A COMPUTER'S ELECTRONIC CONSOLE FROM ANY DATA SET.

UNHA1684 PCL-11 EXPERIENCE
HERGENMAN, C. B.
TM 81-43174-2 APRIL 20, 1981 THIS MEMO DISCUSSES PCL SPECIFIC PROBLEMS ENCOUNTERED OVER THE PAST YEAR. SOME PROBLEMS ARE A RESULT OF THE HARDWARE DESIGN, SOME IN OUR DRIVER AND SOME IN THE PROTOCOL WE HAVE CHOSEN TO USE. A DISCUSSION OF OUR CONFIGURATION (HARDWARE AND SOFTWARE) IS INCLUDED TO BETTER ILLUSTRATE THE PROBLEMS. SOLUTIONS, WHERE WE HAVE FOUND THEM, ARE GIVEN.

UNHA1710 TERMINAL MONITORING SETUP
SEIDE, S. B.
TM 81-46272-6 JULY 2, 1981 THIS MEMORANDUM PRESENTS A METHOD FOR GENERATING OUTPUT ON SEVERAL TERMINALS AT ONCE.

"UNMA - HARDWARE"

UNMA1711 UNIX EQUIPMENT TEST PACKAGE RELEASE 2.0 VAX 11/780 OPERATIONAL PROCEDURES
ALLEN, G. R. - SCANLON, E. F. - TARANTINO, L. A.
THE EQUIPMENT TEST PACKAGE (ETP) IS A SET OF SHELL SCRIPTS AND C PROGRAMS THAT RUNS ON THE UNIX OPERATING SYSTEM AND IS DESIGNED TO UNCOVER FAULTS & TESTING AND EXERCISING THE HARDWARE. THIS DOCUMENT DESCRIBES THE PROCEDURES THAT ARE TO BE FOLLOWED TO RUN THE EQUIPMENT TEST PACKAGE ON YOUR VAX/780 PROCESSOR.

UNMA1712 HARDWARE REQUIREMENTS FOR STANDALONE UNIX SYSTEMS
DUNCAN, B. S. + FLANN, D. L.
TM 81-11513-29 SEPTEMBER 11, 1981 THE HARDWARE CONFIGURATION OF DIGITAL EQUIPMENT CORPORATION (DEC) LSI 11/23 BASED UNIX SYSTEMS FOR LABORATORY CONTROL AND DATA ACQUISITION IS DISCUSSED. THE FUNCTIONAL ELEMENTS OF THESE SYSTEMS: PROCESSORS, MEMORY, MASS STORAGE INTERFACES ARE DESCRIBED ALONG WITH RECOMMENDATIONS FOR INDIVIDUAL COMPONENTS.

"UNOS - OPERATING SYSTEM"

UNOS1005 THE UNIX I/O SYSTEM
RITCHIE, D. M.
THIS DOCUMENT DESCRIBES HOW TO WRITE DRIVERS FOR THE UNIX SYSTEM. IT IS AN IMPORTANT MANUAL FOR THOSE CONTEMPLATING DRIVER WRITING.

UNOS1008 THE UNIX TIME-SHARING SYSTEM
RITCHIE, D. M. - THOMPSON, K.
OVERVIEW OF THE UNIX TIME-SHARING SYSTEM.

UNOS1043 UNIX SUMMARY
MCILROY, M. D.

UNOS1045 EMULATION OF UNIX ON PERIPHERAL PROCESSORS
LYCKLAMA, H. + CHRISTENSEN, C.
TM 75-1352-2 JANUARY 9, 1975 THIS DOCUMENT DESCRIBES UNIX OPERATING SYSTEM EMULATION ON A PERIPHERAL PDP-11 COMPUTER.

UNOS1047 EXPLANATION OF ABNORMAL CONDITIONS WITHIN THE UNIX OPERATING SYSTEM.
RALEIGH, T. M.
MF 75-6234-28 MARCH 17, 1975 ERROR MESSAGES PRINTED BY THE UNIX OPERATING SYSTEM ON THE SYSTEM CONSOLE ARE DISCUSSED WITH THEIR CAUSES, IMPLICATIONS AND REMEDIES.

UNOS1052 A STRUCTURED OPERATING SYSTEM FOR A PDP-11/45
LYCKLAMA, H. - BAYER, D. L.
TM 75-1352-6 MAY 6, 1975 THIS PAPER PROVIDES AN OVERVIEW OF THE MERT SYSTEM ON WHICH UNIX TIME-SHARING HAS BEEN IMPLEMENTED. SEE ALSO UNOS1062 - UNPM(1070)

UNOS1062 MERT - A MULTI-ENVIRONMENT REAL-TIME OPERATING SYSTEM.
BAYER, D. L. + LYCKLAMA, H.
TM 75-1352-7 JULY 18, 1975 MEMORANDUM FOR FILE

UNOS1065 A DESCRIPTION OF THE UNIX FILE SYSTEM
MARAZANO, J. F.
MF 75-6234-32 SEPTEMBER 16, 1975 THIS MEMORANDUM DESCRIBES THE STRUCTURE OF THE FILE SYSTEM AS WELL AS THE APPLICABLE CONTROL BLOCKS.

UNOS1069 INTRODUCTION TO SCHEDULING AND SWITCHING UNDER UNIX
RALEIGH, T. M.
TM 75-6234-7 OCTOBER 20, 1975 THIS MEMORANDUM DISCUSSES PROCESS SWITCHING AND SCHEDULING UNDER UNIX USING QUEUING MODELS AS AN AID TO VISUALIZATION OF THE SYSTEM'S OPERATION.

UNOS1073 UNIX PROGRAMMING - SECOND EDITION
KERNIGHAN, B. W. + RITCHIE, D. M.
OCTOBER 26, 1978 THIS PAPER IS AN INTRODUCTION TO PROGRAMMING ON UNIX. THE EMPHASIS IS ON HOW TO WRITE PROGRAMS THAT INTERFACE TO THE OPERATING SYSTEM.

UNOS1076 LKOUT - A NEW UNIX SYSTEM CALL TO SUSPEND AND RESUME INPUT FROM USER TERMINALS.
R. C. WHITE, JR.
TM 75-4145-2 DECEMBER 17, 1975

UNOS1077 UNIX DH-11 DRIVER TO SUPPORT BOTH TELETYPEWRITER AND DATASPEED 40 TIMESHARING TERMINALS.
R. C. WHITE, JR.
TM 75-4145-1 DECEMBER 17, 1975

UNOS1087 GUIDE TO IBM REMOTE JCS ENTRY FOR PWS/UNIX USERS (B.12)
SABSEVITZ, A. L.
FEBRUARY 1978 THIS DOCUMENT DESCRIBES THE RJE SERVICES PROVIDED BETWEEN PROGRAMMER'S WORKBENCH MACHINES AND THE IBM COMPUTER CENTER.

UNOS1090 PROPOSAL FOR UNIX INTERPROCESS COMMUNICATION
BRANDT, R. B.
TM 76-6234-4 MARCH 17, 1976 THIS MEMORANDUM PROVIDES FUNCTIONAL DESIGN SPECIFICATIONS FOR A COMPREHENSIVE SET OF INTERPROCESS COMMUNICATIONS ENHANCEMENTS TO UNIX OS.

UNOS1092 TCMP - A PROGRAM FOR COMPARING PROGRAM TEXT AFTER A SYSTEM CRASH.
RALEIGH, T. M.
MF 75-6234-29 APRIL 27, 1976 TCMP IS A PROGRAM WHICH COMPARES THE ORIGINAL TEXT (INSTRUCTIONS) OF A PROGRAM WITH THE TEXT OF THAT PROGRAM IN A SYSTEM CRASH DUMP.

UNOS1093 DEAD - A PROGRAM FOR ANALYZING UNIX SYSTEM CRASHES
RALEIGH, T. M.
MF 75-6234-30 APRIL 30, 1976 DEAD IS A PROGRAM FOR QUICKLY SUMMARIZING THE STATE OF A CRASHED UNIX SYSTEM.

UNOS1094 CAUTIONS ON THE USE OF THE ALARM SIGNAL
LYONS, T. G.
APRIL 26, 1976 PROGRAMMER'S NOTES TWO SYSTEM CALLS ALARM (N) AND PAUSE (P) HAVE BEEN INSTALLED ON THE PWS MACHINES OPERATED BY DEPT. 9144. THEY WERE CODED AT MM AND ARE LIKELY TO FILTER DOWN TO STANDARD UNIX.

UNOS1107 PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING.
(C.4)
, T. A. COLOTTA, ET AL.
FOR COMPLETE INFORMATION, SEE UNED (C.4)

UNOS1113 UNIX SYSTEM CALL MEASUREMENTS
PEREZ, C. D. + RALEIGH, T. M.
MF 75-6234-79 SEPTEMBER 16, 1976 THIS MEMORANDUM IS THE FIRST OF A SERIES WHICH WILL DEAL WITH FUNDAMENTAL MEASUREMENTS OF THE UNIX OPERATING SYSTEM ON THE PDP-11.

UNOS1114 SYNTHETIC PROCESS FOR UNIX
BERNSTEIN, D. R.
TM 75-6234-17, TM 75-9156-2 SEPTEMBER 24, 1976 THIS MEMORANDUM DESCRIBES THE MONITOR AND RESOURCE PARTS OF SYNTHETIC PROCESSING. SOME MEASUREMENTS OF SYSTEM CALLS COMPARING DIFFERENT HARDWARE AND SOFTWARE ARE PRESENTED FOR ILLUSTRATION.

"UNOS - OPERATING SYSTEM"

UNOS1116 LSI-UNIX SYSTEM
LYCKLAMA, H.
TM 76-1352-4 OCTOBER 6, 1976 A MODIFIED VERSION OF THE UNIX OPERATING SYSTEM HAS BEEN WRITTEN TO RUN ON THE LSI-11 MICROCOMPUTER. THE MAIN PROGRAMMING LANGUAGE IS THE STRUCTURED HIGH LEVEL LANGUAGE C.

UNOS1120 DOS-BATCH TO UNIX CONVERSION
ALBRECHT, E. H.
SEPTEMBER 1, 1976 THIS MEMO DESCRIBES NOTES AND AN ATTACHMENT FOR THE KNOWLEDGEABLE DOS-BATCH PROGRAMMER WITH SUFFICIENT BACKGROUND TO DEVELOP PROGRAMS IN A --STAND-ALONE-- PDP-11 PROCESSOR USING THE UNIX OPERATING SYSTEM.

UNOS1122 A REAL-TIME TIME-SHARED OPERATING SYSTEM FOR AN SEL/86 - PDP-11 CONFIGURATION
BURNETTE, W. A.
TM 76-6231-9, TM 76-1228-11 OCTOBER 29, 1976 THE PRIMARY PURPOSE OF THE SEL/86 - PDP-11 SYSTEM IS TO PROVIDE REAL-TIME INTERACTIVE COMPUTING FOR RESEARCH IN SPEECH AND GRAPHICS.

UNOS1123 MINI-UNIX SUMMARY
LYCKLAMA, H.
NOVEMBER 1976

UNOS1124 SETTING-UP MINI-UNIX - SIXTH EDITION
LYCKLAMA, H.
NOVEMBER 1976 THIS PAPER DESCRIBES THE PROCEDURE FOR SETTING UP MINI-UNIX ON THE PDP-11/10, -11/20 OR -11/40.

UNOS1125 MINI-UNIX REGENERATING SYSTEM SOFTWARE
LYCKLAMA, H.
NOVEMBER 1976 THIS DOCUMENT DISCUSSES HOW TO ASSEMBLE OR COMPILE VARIOUS PARTS OF THE MINI-UNIX SYSTEM SOFTWARE.

UNOS1126 SCHEDULING AND SWITCHING UNDER UNIX ALGORITHMS AND IMPLEMENTATION
RALEIGH, T. M.
TM 76-6234-18 OCTOBER 1, 1976 THIS MEMORANDUM IS THE SECOND OF TWO INTENDED TO PROVIDE DOCUMENTATION FOR THE SCHEDULER AND SWITCHER UNDER UNIX OS (USC). A NUMBER OF CHANGES MADE BY UNIX RESEARCH ARE DISCUSSED AS A GUIDE TO WHAT IMPROVEMENTS MAY BE MADE TO THE STANDARD SYSTEM.

UNOS1127 SHARED MEMORY IN UNIX
JAGER, D. S. DE
TM 76-6223-1 NOVEMBER 19, 1976 THIS MEMORANDUM PRESENTS A PROPOSAL FOR A GENERAL SET OF PRIMITIVES TO BE USED FOR THE SET UP AND ADMINISTRATION OF SHARED MEMORY IN THE UNIX ENVIRONMENT.

UNOS1128 UNIX INITIALIZATION AND PROCESS CONTROL
IMAGNA, C. P.
TM 76-3412-1 JULY 23, 1976 THIS MEMORANDUM DESCRIBES THE UNIX INITIALIZATION PROGRAM (INIT).

UNOS1129 LSX SOFTWARE
LYCKLAMA, H.
MAY 1977

UNOS1130 SETTING UP LSI-UNIX - FIRST EDITION
LYCKLAMA, H.
MAY 1977 THIS PAPER DESCRIBES THE PROCEDURE FOR SETTING UP LSI-UNIX ON THE LSI-11 MICROPROCESSOR WITH 20K WORDS OF MEMORY AND FLOPPY DISK FOR SECONDARY STORAGE.

UNOS1131 REGENERATING LSX SOFTWARE
LYCKLAMA, H.
MAY 1977

UNOS1135 THE MINI-UNIX SYSTEM
LYCKLAMA, H.
TM 77-1352-1 JANUARY 13, 1977 THE MINI-UNIX OPERATING SYSTEM IS BASICALLY THE UNIX OPERATING SYSTEM REWRITTEN TO RUN ON A PDP-11 PROCESSOR WITHOUT A SEGMENTATION UNIT. THE SYSTEM SUPPORTS ALL OF THE STANDARD SYSTEM CALLS OF UNIX WITH THE EXCEPTION PTRACE, PIPE, PROG, GETGID AND SETGID. THE ENTIRE SYSTEM RESIDES ON 12K WORDS OF MEMORY AND IS WRITTEN IN C LANGUAGE.

UNOS1136 IMPLEMENTATION OF SEMAPHORES AND MESSAGES IN UNIX
BRANDT, R. B.
MF 78-6234-78 SEPTEMBER 7, 1976 THE DESIGN SPECIFICATION FOR A COLLECTION OF UNIX INTERPROCESS COMMUNICATIONS FEATURES ARE PROPOSED.

UNOS1138 ON THE SECURITY OF UNIX
RITCHIE, D. M.
JANUARY 1979 THIS PAPER DISCUSSES THE DEGREE OF SECURITY WHICH CAN BE PROVIDED UNDER THE UNIX SYSTEM AND OFFERS A NUMBER OF HINTS ON HOW TO IMPROVE SECURITY.

UNOS1145 DEC FACTORY ACCEPTANCE TEST
BRANDT, R. B. + PEREZ, C. D.
MF 77-6234-001 JANUARY 19, 1977 THIS MEMORANDUM IS A DESCRIPTION OF A UNIX CHECKOUT PACKAGE MADE AVAILABLE TO DEC ON A TRIAL BASIS.

UNOS1146 SETTING-UP MERT - SECOND EDITION
LYCKLAMA, H.
FEBRUARY, 1977

UNOS1147 REGENERATING MERT SOFTWARE
LYCKLAMA, H.
FEBRUARY, 1977

UNOS1154 UNIX ON A MICRO-PROCESSOR
LYCKLAMA, H.
MAY 1977 A MODIFIED VERSION OF THE UNIX OPERATING SYSTEM HAS BEEN WRITTEN TO RUN ON THE LSI-11 MICRO-COMPUTER WITH 20K WORDS OF PRIMARY MEMORY AND FLOPPY DISK FOR SECONDARY STORAGE. THIS CONFIGURATION PERMITS MOST OF THE UNIX USER PROGRAMS TO RUN ON THE LSI-11 MICRO-COMPUTER.

"UNOS = OPERATING SYSTEM"

UNOS1155 PROGRAMMER'S MANUAL FOR THE SEL-86 PDP-11/45 OPERATING SYSTEM.
BURNETTE, W. A. + REMDE, J. R.
TM 77-8231-2, TM 77-1228-2 FEBRUARY 7, 1977 THIS PROGRAMMER'S MANUAL IS AN INTRODUCTION TO THE SEL86 - PDP-11/45 SYSTEM, AND A REFERENCE MANUAL FOR THE COMMANDS, SYSTEM CALLS, AND IMPORTANT SUBROUTINES AVAILABLE ON THE SEL86.

UNOS1158 LSI-UNIX SUMMARY
LYCKLAMA, H.
MAY 1977

UNOS1159 A NEW INPUT-OUTPUT PACKAGE (B.10)
RITCHIE, D. M.
MAY 1977

UNOS1162 THE UNIX OPERATING SYSTEM - PG-1C300
VOCEL, G. C.
TM 77-8234-02 APRIL 16, 1977 THIS MEMORANDUM DESCRIBES THE STANDARD VERSION OF UNIX THAT HAS BEEN ISSUED TO WESTERN ELECTRIC AS THE THE UNIX OPERATING SYSTEM PROGRAM GENERIC - PG-1C300. DEPT. 8234 PROVIDES SUPPORT FOR THIS VERSION OF UNIX.

UNOS1163 UNIX ERROR LOGGING
BRANDT, R. B.
TM 77-8234-10 MAY 6, 1977 THIS MEMORANDUM DESCRIBES THE ERROR LOGGING SCHEME THAT HAS BEEN IMPLEMENTED FOR THE UNIX OPERATING SYSTEM.

UNOS1164 FILE INTEGRITY AND SPACE ACCOUNTING FOR A UNIX BASED SYSTEM.
FRASER, A. G. - ELLIOTT, R. J.
TM 77-1273-7 APRIL 4, 1977 THIS MEMORANDUM IS CONCERNED PRIMARILY WITH THE OVERALL STRATEGY USED FOR FILE INTEGRITY, SPACE ACCOUNTING AND RELEVANT CHANGES TO THE UNIX OPERATING SYSTEM. THERE IS A SUMMARY OF NEW COMMANDS AND AN OVERVIEW OF THE FILE DUMP AND RECOVERY PROGRAMS.

UNOS1167 CM, A UNIX DRIVER FOR THE MINITAPE SYSTEM
SWIFT, R. S.
TM 77-8234-13 JUNE 13, 1977 CM, IS A UNIX DRIVER, WRITTEN IN C TO INTERFACE A MINITAPE SYSTEM.

UNOS1173 SYNTHESIS OF A HALF-DUPLEX LINE CONTROL PROCEDURE FOR UNIX USING STATE TRANSITION MATRIX TECHNIQUES
LONG, P. F.
TM 77-8234-14 JULY 19, 1977 A NEW UNIX TERMINAL INTERFACE IS DESCRIBED WHICH PROVIDES 120 CPS ACCESS OVER THE QDD NETWORK USING HALF-DUPLEX TELETYPE MODEL 40/15 AND 2025 DATA SETS.

UNOS1178 ON USING THE UNIX ERROR LOGGER
PEREZ, C. C.
MF 77-8234-82 AUGUST 31, 1977 THIS UNIX ERROR LOGGER IS A SOFTWARE TOOL THAT COLLECTS INFORMATION FROM THE SYSTEM ABOUT CERTAIN BLOCK DEVICES AT THE MOMENT THAT AN I/O ERROR OCCURS.

UNOS1180 A DESCRIPTION OF AUTOMATIC DIALING USING THE UNIX OPERATING SYSTEM
FOLEY, G. B.
AUGUST 1, 1977 MEMORANDUM FOR FILE THIS MEMO PROVIDES BACKGROUND INFORMATION ON AUTOMATIC DIALING, EXPLAINS HOW IT HAS BEEN IMPLEMENTED ON THE UNIX OPERATING SYSTEM AND DESCRIBES SOME ROUTINES TO MAKE AUTOMATIC CALLING EASIER.

UNOS1183 MERT RELEASE 0 FROM DEPARTMENT 8234
LUDERER, G. W. R.
MF 77-8234-087 JUNE 30, 1977 THIS PURPOSE OF THIS PAPER IS TO ANNOUNCE THE CONTENTS AND ORIENTATION OF A PRELIMINARY MERT RELEASE 0 AND GIVE SOME EARLY CONSIDERATIONS WITH REGARD TO UNIX/RT.

UNOS1187 THE UNIX TIME-SHARING SYSTEM - A RETROSPECTIVE (C.3)
RITCHIE, D. M.
A MORE RECENT DISCUSSION.

UNOS1189 PWB/UNIX SHELL TUTORIAL (B.5)
MASHEY, J. R.
SEPTEMBER 1977 DESCRIBES THE PWB/UNIX COMMAND INTERPRETER.

UNOS1194 SETTING UP PWB/UNIX (I.1)
HAIGHT, R. C. - ROOME, W. D. + WEHR, L. A.
SEPTEMBER 1977 PROCEDURES USED TO INSTALL PWB/UNIX ON THE PDP-11/45 CR -11/70 AND THE STEPS NECESSARY TO REGENERATE ALL THE PWB/UNIX PROGRAMS.

UNOS1195 ADMINISTRATIVE ADVICE FOR PWB/UNIX (I.2)
HAIGHT, R. C.
OCTOBER 1977 HINTS FOR APPROACHING OPERATIONAL SERENITY.

UNOS1197 REPAIRING DAMAGED PWB/UNIX FILE SYSTEMS (I.4)
WANDZILAK, P. D.
NOVEMBER 1977 COMES IN HANDY AFTER A POWER FAILURE, ETC.

UNOS1198 PWB/UNIX RJE ADMINISTRATOR'S GUIDE (I.5)
SABSEVITZ, A. L.
DECEMBER 1977 WHAT TO DO WHEN IT BREAKS.

UNOS1201 NOTES ON THE SELECTION, PROCUREMENT, INSTALLATION, AND USAGE OF UNIX BY DEPARTMENT 8254.
MAJERNIK, J. F.
OCTOBER 21, 1977 5254-771021.01EN

UNOS1202 MORE FLEXIBLE LOW SPEED I/O FOR UNIX
PEDER, J.
TM 77-8234-16 AUGUST 15, 1977 DESCRIPTIVE MATERIAL ON UNIX I/O OPERATION IS GIVEN IN THIS MEMO.

UNOS1204 C LANGUAGE PORTABILITY
TAGUE, B. A. + HAIGHT, R. C.
SEPTEMBER 22, 1977

"UNOS - OPERATING SYSTEM"

UNOS1212 DA118 DRIVER IN MERT
LAUR, J. S.
NOVEMBER 30, 1977 MEMORANDUM FOR FILE THE PURPOSE OF THIS MEMO IS TO DESCRIBE THE DA DRIVER BUILT TO RUN UNDER THE MERT OPERATING SYSTEM.

UNOS1214 LECTURE ON UNIX SCHEDULER AND SWITCHER GIVEN BY T. M. RALEIGH AT WHIPPANY
RALEIGH, T. M.
MF 77-8234-99 NOVEMBER 21, 1977 THIS MEMORANDUM COMPILES ALL OF THE VIEW GRAPHS USED FOR THE LECTURE AND SHOULD BE USEFUL TO OTHER TEACHERS LECTURING ON THE SAME TOPIC AND STUDENTS REVIEWING MATERIALS IN THE COURSE.

UNOS1217 GUIDE TO UNIVAC REMOTE JOB ENTRY FOR PROGRAMMER'S WORKBENCH USERS
LYONS, T. C.
FEBRUARY 16, 1976 MEMORANDUM FOR FILE THIS DOCUMENT DESCRIBES THE RJE SERVICES PROVIDED BETWEEN PROGRAMMER'S WORKBENCH MACHINES AND THE UNIVAC COMPUTER CENTER AT RARITAN RIVER.

UNOS1218 SOFTWARE SUPPORT FOR SATELLITE PROCESSOR
ELLIOTT, R. J.
TM 77-1273-16 NOVEMBER 7, 1977 THIS PAPER DESCRIBES HOW TO MAKE FREE-STANDING PROGRAMS FOR ANY SATELLITE PDP-11/40 CONNECTED TO A UNIX SYSTEM AND THE INTERFACE WITH THE FILE STORE.

UNOS1230 PORT - A NEW INTER-PROCESS COMMUNICATION FACILITY UNDER UNIX
TING, D. W. + GLASSER, A. L.
TM 78-3124-1 JANUARY 3, 1978 THIS MEMORANDUM DESCRIBES A MECHANISM WHICH ALLOWS A SINGLE PROCESS TO COMMUNICATE WITH AN ARBITRARY NUMBER OF OTHER PROCESSES.

UNOS1231 CONTENTS OF UNIX/RT
LUDERER, G. W. R.
MF 78-8234-1 JANUARY 10, 1978 UNIX/RT IS THE SUCCESSOR OF MERT RELEASE 0, WHICH IT WILL SUPERSEDE AROUND THE FALL OF 1978. UNIX/RT WILL BE A MERT OPERATING SYSTEM THAT IS AS COMPAT UNIX/T3.

UNOS1232 UNIX/T3 RELEASE 1.0 PLANS
COMEN, A. S. + MARANZANO, J. F.
MF 78-8234-11 JANUARY 30, 1978

UNOS1233 TIMING TESTS OF THE UNIGRAPHIX GRAPHICS SYSTEM RUNNING ON A DEC PDP-11/70 UNDER THE UNIX OPERATING SYSTEM
SCHUYLER, S. T.
TM 77-8254-4 SEPTEMBER 14, 1977 THE UNIGRAPHIX SYSTEM IS A GENERAL PURPOSE GRAPHICS SYSTEM FITTED WITH SPECIALIZED DATA-BASE STRUCTURES AND OPERATORS FOR SUPPORTING OUTSIDE PLANT ENGINEERING TASKS. THE SYSTEM WAS WRITTEN ENTIRELY IN THE C LANGUAGE.

UNOS1234 INTERPROCESS COMMUNICATION MECHANISMS IN CB-UNIX
J. C. KAUFMAN JR.
TM 77-8223-1 JUNE 19, 1978 A DISCUSSION OF INTERPROCESS COMMUNICATION MECHANISMS IN CB-UNIX IS PRESENTED. IN PARTICULAR FILES, PIPES, NAMED PIPES, SIGNALS, SEMAPHORES, MAUS AND MESSAGES ARE DISCUSSED.

UNOS1235 MOVING SYSTEM I/O BUFFERS OUT OF UNIX DATA ADDRESS SPACE
TING, D. W.
TM 78-3124-4 FEBRUARY 2, 1978 WE DESCRIBE A METHOD OF REMOVING THE UNIX IN-CORE SYSTEM BUFFERS FROM THE OPERATING SYSTEM'S DIRECT ADDRESSABLE SPACE, AND --WINDOWING-- TO THEM AS NECESSARY.

UNOS1236 OPTIMIZING PROCESS CREATION AND TERMINATION MECHANISMS IN UNIX
TING, D. W.
TM 78-3124-3 FEBRUARY 4, 1978 IN THIS MEMORANDUM WE CONSIDER THE OPTIMIZATION OF THE UNIX ROUTINES WHICH HANDLE PROCESS CREATION AND TERMINATION.

UNOS1241 ASYNCHRONOUS I/O FACILITIES FOR RAW BLOCK DEVICES UNDER UNIX
TING, D. W.
TM 78-3124-9 MARCH 1, 1978 IN THIS MEMO, WE DESCRIBE A WAY OF IMPLEMENTING ASYNCHRONOUS I/O ON RAW UNIX DEVICES.

UNOS1244 SHCVT - A TOOL FOR SHELL CONVERSION
SNYDER, G. A.
MF 78-8234-32 APRIL 7, 1978 THIS DOCUMENT DESCRIBES THE PROGRAM SHCVT, WHICH WAS DEVELOPED TO AID IN THE CONVERSION PROCESS FROM THE PWB/UNIX SHELL TO THE BOURNE SHELL. IT ALSO DESCRIBES SOME OF THE PROBLEMS ENCOUNTERED IN THE CONVERSION PROCESS, AND POSSIBLE SOLUTIONS TO THESE PROBLEMS.

UNOS1246 THE MERT OPERATING SYSTEM
LYCKLAMA, H. + BAVER, D. L.
TM 78-3114-3, TM 78-1352-3 MARCH 22, 1978 THIS MEMO DISCUSSES SOME USES OF THE MERT OPERATING SYSTEM. A RETROSPECTIVE VIEW OF THE MERT SYSTEM IS ALSO OFFERED.

UNOS1247 A MINICOMPUTER SATELLITE PROCESSOR SYSTEM
LYCKLAMA, H. + CHRISTENSEN, C.
TM 78-3114-2, TM 78-1358-3 MARCH 22, 1978 THIS MEMO DESCRIBES A SOFTWARE SUPPORT SYSTEM FOR A NETWORK OF MINICOMPUTERS AND MICROCOMPUTERS. A POWERFUL TIME-SHARING SYSTEM ON A CENTRAL COMPUTER CONTROLS THE LOADING, RUNNING, DEBUGGING AND DUMPING OF PROGRAMS IN THE SATELLITE PROCESSORS.

UNOS1253 CNCC UNIX PROJECT PERFORMANCE MEASUREMENTS, PROJECTIONS AND ENHANCEMENTS
ARTHURS, E. + DAILY, P. + JAKUBEK, R. - STUCK, B. W.
MF 78-8234-10 APRIL 24, 1978 THIS REPORT SUMMARIZES RECENT WORK TO DETERMINE AND ENHANCE PERFORMANCE OF THE CUSTOMER NETWORK CONTROL CENTER UNIX APPLICATION PROJECT.

UNOS1256 STANDARDIZING FILE TYPES IN THE INODES OF UNIX VERSION 7 DESCENDANTS
LUDERER, G. W. R.
MF 78-8234-48 APRIL 28, 1978

UNOS1257 ENLARGING PDP-11 UNIX TABLE SPACE USING SUPERVISOR MODE
GLASSER, A. L. - TING, D. W.
TM 78-3111-1 MARCH 20, 1978 THIS MEMO DESCRIBES A MECHANISM WHICH GREATLY INCREASES THE ADDRESS SPACE OF THE UNIX OPERATING SYSTEM RUNNING ON A PDP-11/70. GENERATED AFTER IMPLEMENTATION OF THE MECHANISM IS A UNIX SYSTEM CAPABLE OF RUNNING 1023 PROCESSES. THE PERFORMANCE OF THIS SYSTEM WAS MEASURED AND RESULTS ARE PRESENTED.

"UNOS - OPERATING SYSTEM"

UNOS1258 WRITING A MERT SUPERVISOR
BURNETTE, W. A.
TM 78-9156-1 MARCH 24, 1978 THIS MEMO DISCUSSES THE FUNCTIONS AVAILABLE TO SUPERVISOR MODE PROGRAMS AND DESCRIBES THE BASIC OPERATING SYSTEM INTERACTIONS REQUIRED TO MAKE EFFECTIVE USE OF THE SUPERVISOR ENVIRONMENT.

UNOS1259 PASSWORD SECURITY: A CASE HISTORY
MORRIS, R. + THOMPSON, K.
TM 78-1271-5 APRIL 3, 1978 THE HISTORY OF THE DESIGN OF THE PASSWORD SECURITY SCHEME ON A REMOTELY ACCESSED TIME-SHARING SYSTEM IS DESCRIBED IN THIS PAPER. THE PRESENT DESIGN WAS THE RESULT OF COUNTERING OBSERVED ATTEMPTS TO PENETRATE THE SYSTEM. THE RESULT IS A COMPROMISE BETWEEN EXTREME SECURITY AND EASE OF USE.

UNOS1264 A CORE-RESIDENT UNIX SYSTEM FOR PDP-11'S
GLASSER, A. L. + TING, D. W.
TM 78-3111-2 MAY 5, 1978 IN THIS MEMORANDUM WE DESCRIBE A UNIX SYSTEM WHICH, TOGETHER WITH A FIXED NUMBER OF USER PROGRAMS, IS ENTIRELY CORE-RESIDENT. THE OPERATING SYSTEM AND ITS RESIDENT USER PROGRAMS ARE GENERATED ON A PWB/UNIX SYSTEM. THIS SYSTEM REQUIRES NO DISK DRIVES, EITHER FOR SWAPPING OR TO SUPPORT A FILE SYSTEM.

UNOS1265 A FASTER TERMINAL HANDLER FOR UNIX
FEIDER, J.
TM 78-8234-7 MARCH 10, 1978 THIS MEMO DESCRIBES A NEW SOFTWARE PACKAGE FOR HIGH-SPEED CHARACTER OUTPUT. THE PACKAGE PROVIDES A USER INTERFACE THAT IS VIRTUALLY INDISTINGUISHABLE FROM THE STANDARD UNIX TERMINAL HANDLER, BUT USES DIFFERENT ALGORITHMS AND INTERNAL BUFFERING TO RUN UP TO 30 TIMES FASTER.

UNOS1270 A REVISED ERPT COMMAND
PEREZ, C. D.
MF 78-8234-60 JUNE 12, 1978 THIS DOCUMENT DESCRIBES THE NEW ERPT COMMAND, OPTIONS THAT ARE AVAILABLE, AND ANY DIFFERENCES FROM THE ORIGINAL VERSION. SAMPLES OF THE OUTPUT ARE PROVIDED FOR THE VARIOUS REPORTS THAT ARE AVAILABLE.

UNOS1274 PRE-RELEASE UNIX/TS
HAIGHT, R. C.
MF 78-8234-57 JUNE 4, 1978 THE PRE-RELEASE VERSION OF UNIX/TS IS MEANT FOR A FEW FRIENDLY CUSTOMERS WHO WOULD OTHERWISE GO TO RESEARCH FOR VERSION 7. THE ONLY THING WE GUARANTEE ABOUT THE PRE-RELEASE IS THE PRESENCE OF BUGS, ESPECIALLY IN THE DOCUMENTATION AND COMMANDS (THE OPERATING SYSTEM SHOULD BE SOLID). THE FINAL TS WILL CONTAIN ADDITIONAL FEATURES; SOME CURRENT FEATURES MAY LIKEWISE BE DROPPED.

UNOS1276 FILE SYSTEM STRUCTURES FOR REAL-TIME APPLICATIONS
LYCKLAMA, H.
TM 78-3114-5 APRIL 20, 1978 A NEW VERSION OF THE FILE SYSTEM STRUCTURE WAS DONE FOR VERSION 7 UNIX USING A 32-BIT BYTE OFFSET POINTER TO ACHIEVE VERY LARGE FILES AND FILE SYSTEMS. THE NEW FILE SYSTEM STRUCTURE HAS CHARACTERISTICS WHICH MAKE IT EFFICIENT FOR BOTH TIME-SHARING AND REAL-TIME APPLICATIONS.

UNOS1277 UNIX COURSES
BRANDT, R. B. + MARAZZANO, J. F. + VOGEL, G. C.
MF 78-8234-3 JANUARY 9, 1978 CONTAINS SYLLABUSES OF COURSES WHICH COVER THE MAJORITY OF THE NEEDS OF THE CUSTOMERS DEALT WITH AT BELL LABORATORIES.

UNOS1278 THE MERT/UNIX SUPERVISOR
LYCKLAMA, H.
TM 78-3114-4 APRIL 20, 1978 THIS PAPER DESCRIBES THE IMPLEMENTATION AND CAPABILITIES OF THE UNIX-LIKE SUPERVISOR WHICH WAS IMPLEMENTED AS AN ENVIRONMENT IN THE MERT SYSTEM.

UNOS1281 A PROM WRITER FACILITY FOR UNIX IMPROVED VERSION
MARCUS, H.
AUGUST 15, 1978 MEMORANDUM FOR FILE THIS MEMORANDUM DESCRIBES A PROGRAMMABLE READ ONLY MEMORY (PROM) WRITING FACILITY WHICH IS CURRENTLY INSTALLED ON THE HOLMDEL COMPUTATION CENTER UNIX SYSTEM. THIS MEMO SUPERSEDES A PREVIOUS MEMORANDUM FOR FILE DATED MAY 16, 1978, BY D. MUIR.

UNOS1287 UPGRADING MERT RELEASE 0 WITH MODIFICATION 0.1 TO MERT RELEASE 1
RALEIGH, T. M.
MF 78-8234-68 MAY 6, 1978 THIS MEMO IS INTENDED TO CORRECT A FEW BUGS ON THE RELEASE 0 SOURCE AND TO OF BUG FIXES THAT WERE NOT READY FOR RELEASE 0 OR WHICH HAVE BEEN FOUND SINCE.

UNOS1288 INTERPROCESS COMMUNICATION PERFORMANCE TRADE-OFFS IN CB - UNI
DEJAGER, D. S.
TM 78-5223-1 JULY 18, 1978 A DISCUSSION OF INTERPROCESS COMMUNICATION PERFORMANCE TRADE-OFFS IS PRESENTED.

UNOS1289 A PERIPHERAL PROCESSOR INTERACTIVE CONTROL AND DATA ACQUISITION
KRAUS, J. S.
TM 78-1131-22 MAY 23, 1978 A COMPUTER HARDWARE AND SOFTWARE SYSTEM HAS BEEN DEVELOPED IN SUPPORT OF A ATOMIC COLLISION RESEARCH LABORATORY.

UNOS1290 ACTIVITY PROFILE OF THE PWB/UNIX OPERATING SYSTEM
EVERETT, W. W.
TM 78-9441-2 MAY 15, 1978 AN EXPLORATORY STUDY OF PWB/UNIX PERFORMANCE.

UNOS1297 A UNIX OPERATING SYSTEM FOR THE DEC VAX-11/780 COMPUTER
LONDON, T. B. + REISER, J. F.
TM 78-1383-4 JULY 7, 1978 THIS MEMORANDUM DESCRIBES THE VAX-11/780 HARDWARE AND THE UNIX OPERATING SYSTEM AND C PROGRAMMING LANGUAGE SOFTWARE IMPLEMENTATION. RECORDS SOME OBSERVATIONS ON PROGRAM PORTABILITY, AND SPECULATES WAYS IN WHICH THE OPERATING SYSTEM OVERHEAD CAN BE SIGNIFICANTLY REDUCED.

UNOS1302 EXERCISES IN REPAIRING PWB/UNIX FILE SYSTEMS
VANDZILAK, P. D.
OCTOBER 19, 1978 THIS DOCUMENT DESCRIBES A TOOL THAT GENERATES A SERIES OF SELF- INSTRUCTIONAL EXERCISES. SEE ALSO UNOS (1197)

"UNOS - OPERATING SYSTEM"

UNOS1303 INTER-PROCESS COMMUNICATIONS FACILITY FOR TRANSACTION ORIENTED UNIX SYSTEMS
TING, D. V.
TM 78-3111-4 SEPTEMBER 14, 1978 THIS MEMORANDUM PRESENTS A PHILOSOPHY AND DESIGN OF AN INTER-PROCESS COMMUNICATION FACILITY.

UNOS1306 AUDIO RESPONSE UNIT (ARU) SUBSYSTEM DESIGN FOR REAL-TIME RETRIEVAL (RTLR)/ARU PROTOTYPE SYSTEM
HOOKER, J. W.
TM 78-9156-4 SEPTEMBER 15, 1978 THIS PAPER DESCRIBES AN EXAMPLE OF A MERT KERNEL PROCESS DEVELOPED TO IMPLEMENT A REAL-TIME APPLICATION WITH PERFORMANCE REQUIREMENTS NOT ACHIEVABLE WITH USER PROCESSES.

UNOS1308 KW11-P CLOCK DRIVER
BABU, R. R.
TM 78-3112-1 SEPTEMBER 22, 1978 THIS DOCUMENT DESCRIBES THE DEC KW11-P PROGRAMMABLE CLOCK DRIVER AND HOW U

UNOS1310 UNIX/370 - A PROPOSAL
PRIEVE, B. G.
SEPTEMBER 28, 1978 THIS PAPER PROPOSES THAT AN EXPERIMENT BE UNDERTAKEN TO SEE IF UNIX SCALES MOVED TO A MAXI-COMPUTER.

UNOS1312 A NEW DV-11 DRIVER FOR USE WITH LEAP
MULLER, M. B.
TM 78-3112-2 SEPTEMBER 22, 1978 THIS MEMORANDUM PRESENTS A DV-11 HARDWARE OVERVIEW, USER INTERFACE SPECIFICATIONS, AND THE IMPACT OF DRIVER USAGE ON PWB/UNIX.

UNOS1316 TERMINAL HANDLING UNDER UNIX AND MERT/UNIX
FEDER, J.
TM 78-8234-11 SEPTEMBER 1, 1978 THIS MEMORANDUM GIVES A TUTORIAL OVERVIEW OF TERMINAL HANDLING FOR THE UNI OPERATING SYSTEMS.

UNOS1319 UNIX FILE SYSTEM CONVERSION
HAIGHT, R. C.
MF 78-8234-63 SEPTEMBER 30, 1978 THIS MEMORANDUM DESCRIBES PROCEDURES DEVELOPED FOR CONVERTING UNIX FILE SY FROM THE "VERSION 6" FORMAT (INCLUDES USG/UNIX, PWB/UNIX, ETC.) TO THE "V" FORMAT (RESEARCH, UNIX/TS).

UNOS1320 SETTING UP UNIX/TS
HAIGHT, R. C. - WEHR, L. A.
MF 78-8234-98 SEPTEMBER 30, 1978 THIS DOCUMENT DESCRIBES PROGRAMMING STEPS FOR GENERATING A UNIX/TS OPERATING SYSTEM ALONG WITH ADMINISTRATIVE DETAIL ON CONFIGURATION, SETTING UP FILE SYSTEMS, AND INSTALLATION/RECOMPILATION OF COMMAND SOFTWARE

UNOS1321 UNIX/TS RELEASE 1.0
HAIGHT, R. C.
MF 78-8234-82 SEPTEMBER 30, 1978 THIS DOCUMENT IS AN ATTEMPT TO DESCRIBE NEW FEATURES OF UNIX/TS.

UNOS1325 ON THE INCONSISTENCIES OF UNIX COMMANDS
OLSSON, S. B.
OCTOBER 26, 1978 AN EXAMINATION OF THE SOURCE CODE FOR SOME 120 UNIX COMMANDS HAS BEEN MADE AND VARIOUS INCONSISTENCIES NOTED.

UNOS1327 SHELL SUBPROGRAM FACILITY
LIONS, J.
DECEMBER 8, 1978 THIS PAPER DESCRIBES A GENERAL SHELL COMMAND THAT ALLOWS A GROUP OF SHELL SUBPROGRAM FILES TO BE PACKAGED AS A SINGLE FILE AND INVOKED CONVENIENTLY.

UNOS1329 EFFECTS ON UNIX HOST CPU RESOURCES BY THE USE OF INTELLIGENT TERMINALS
MARANZANO, J. P.
DECEMBER 13, 1978 THIS MEMORANDUM SHOWS THAT WITH THE CURRENT UNIX HARDWARE/SOFTWARE TERMINAL INTERFACES, MOVING THE EXECUTION OF PROGRAMS TO AN INTELLIGENT TERMINAL DO NOT SIGNIFICANTLY OFFLOAD THE HOST CPU.

UNOS1334 A FAST SOFTWARE ENCRYPTION ALGORITHM
MORRIS, R.
TM 79-1271-1 JANUARY 5, 1979 THIS PAPER DESCRIBES THE DESIGN OF THE FILE ENCRYPTION SCHEME ON A REMOTELY ACCESSED TIME-SHARING SYSTEM.

UNOS1335 UNIX FILE SECURITY
MORRIS, R.
TM 79-1271-3 JANUARY 19, 1979 THIS PAPER DESCRIBES THE HISTORY OF THE DESIGN OF THE FILE ENCRYPTION SCHEME ON THE UNIX TIME-SHARING SYSTEM.

UNOS1336 A WORKSHOP ON REBOOTING THE UNIX TIME-SHARING SYSTEM
WONSIEWICZ, B. C. - STORM, A. R.
TM 78-1623-30 NOVEMBER 29, 1978 THIS MEMO DOCUMENTS A TWO HOUR WORKSHOP ON REBOOTING THE UNIX SYSTEM GIVEN TO SELECTED USERS WHO WISHED TO BE ABLE TO RESTART THE MACHINE WHEN THE SYSTEM ADMINISTRATORS WERE ABSENT.

UNOS1343 VIRTUAL FILE SYSTEMS ON MERT
HAMILTON, L. L.
TM 78-8522-9 AUGUST 22, 1978 THIS MEMORANDUM IS MEANT TO BE BOTH A USER'S GUIDE AND A BRIEF OVERVIEW OF THE WORKINGS OF THE SYSTEM.

UNOS1345 AN ESSAY IN COMPUTER SECURITY: DECRYPTING A FORMER UNIX CRYPT
WEINBERGER, P. J.
TM 78-1271-20 DECEMBER 29, 1978 SEE ALSO UNOS(1335)

UNOS1349 UNIX/RT AS AN APPLICATION SYSTEM FOR BOS/LMOS DEVELOPMENT
IMAGNA, C. P.
FEBRUARY 2, 1979 THIS MEMORANDUM PRESENTS SOME IDEAS ON HOW TO UPGRADE THE BOS-11 OPERATING SYSTEM TO RUN IN THE LMOS.NEXT SYSTEM WHICH IS CURRENTLY BEING P

"UNOS - OPERATING SYSTEM"

UNOS1351 IMPLEMENTATION OF THE LARGE ARGUMENT LIST FEATURE IN UNIX/RT'S EXEC. SYSTEM CALL
LOIKITS, E.
2524-790110.01MF JANUARY 10, 1979 THE MERT/UNIX SYSTEM CALL EXEC HAS BEEN MODIFIED FOR UNIX/RT. THIS PAPER DESCRIBES THESE MODIFICATIONS.

UNOS1352 UNIX/370: A FEASIBILITY STUDY
FELTON, W. A.
TM 79-8224-1 JANUARY 23, 1979 THIS PAPER IS A FEASIBILITY STUDY FOR UNIX/370, A VERSION OF UNIX OPERATING SYSTEM ADAPTED TO THE SYSTEM/370 ENVIRONMENT. IT ALSO DESCRIBES THE NATURE AND STRUCTURE OF THE SYSTEM, AND EXAMINES SEVERAL AREAS RELEVANT TO ITS FEASIBILITY.

UNOS1358 UNIX COMMAND SYNTAX
COHEN, A. S. - OLSSON, S. B. + VOGEL, G. C.
FEBRUARY 18, 1979 THIS PAPER PROPOSES COMMAND-SYNTAX RULES AND A LIBRARY ROUTINE FOR ACHIEVING CONSISTENT SYNTAX.

UNOS1359 UNIX/TS ALARM FACILITY
VOGEL, G. C.
MARCH 7, 1979 A GENERAL PURPOSE ALARM FACILITY FOR THE UNIX/TS OPERATING SYSTEM IS DESCRIBED.

UNOS1360 RCMAS/MERT PERFORMANCE STUDY AND GENERAL DESIGN GUIDELINES
AL, E. L. HEDRICK, ET
TM 79-4145-1, TM 79-2524-1, TM 79-3451-1 FEBRUARY 20, 1979 THIS DOCUMENT DESCRIBES THE RESULTS OF A RECENT EFFORT TO IMPROVE THE PERFORM RCMAS SYSTEM. BASED ON THIS EXPERIENCE, A SET OF GUIDELINES FOR DESIGNERS OF UNIX BASED APPLICATIONS IS PRESENTED.

UNOS1361 USE OF THE REVISED UNIX-TO-UNIX COPY COMMAND FOR LAB 323
LYON, R. B.
JANUARY 17, 1979 THE UUCP (UNIX-TO-UNIX COPY) COMMAND FACILITATES COMMUNICATION OF DATA BETWEEN UNIX MACHINES, MUCH AS THE COPY (CP) COMMAND PERMITS TRANSFER OF FILES WITHIN A UNIX MACHINE. THIS MEMO EXPLAINS HOW TO USE THE NEWLY-IMPLEMENTED VERSION OF UUCP.

UNOS1364 UPDATE FILES FOR THE C STANDARD LIBRARY
KOENIG, A.
MARCH 6, 1979 THE C STANDARD LIBRARY DEFINITION HAS BEEN EXTENDED TO INCLUDE UPDATE FILES - FILES THAT CAN BE BOTH READ AND WRITTEN. THIS MEMORANDUM DESCRIBES THAT DEFINITION AND ITS IMPLEMENTATION UNDER THE UNIX OPERATING SYSTEM.

UNOS1367 SOURCE CODE CONTROL SYSTEM USER'S GUIDE
SONAKNI, L. E. - SALEM, C. A.
TM 79-9441-4, TM 79-9442-1 APRIL 1, 1979 A DESCRIPTION OF THE PROGRAMMER'S WORKBENCH SOURCE CODE CONTROL SYSTEM.

UNOS1368 DIRECT II INTERPROCESS COMMUNICATION
LINDERMAN, J. P.
TM 79-9168-3 MARCH 30, 1979 THIS MEMO DESCRIBES A COLLECTION OF SUBROUTINES WHICH WERE WRITTEN TO FACILITATE THE COMMUNICATION OF ARBITRARY DATA BETWEEN TWO COOPERATING PROCESSES.

UNOS1369 SDB: A SYMBOLIC DEBUGGER
KATSEFF, M. P.
DECEMBER 1979 THIS DOCUMENT DESCRIBES A SYMBOLIC DEBUGGER, SDB, AS IMPLEMENTED FOR C PROGRAMS ON THE UNIX/32V OPERATING SYSTEM. SDB IS USEFUL BOTH FOR EXAMINING CORE IMAGES OF ABORTED PROGRAMS AND FOR PROVIDING AN ENVIRONMENT IN WHICH EXECUTION OF A PROGRAM CAN BE MONITORED AND CONTROLLED.

UNOS1370 USING UNIX CAPABILITIES MORE EFFECTIVELY
MAYER, W. J.
JANUARY 30, 1979 A NEW UNIX PROGRAM IS INTRODUCED IN THIS MEMO THAT ALLOWS CONVENIENT TRANSFER OF DATA BETWEEN UNIX AND NON-UNIX TIME SHARED SYSTEMS.

UNOS1371 DPO: UNIX - HONEYWELL INTERFACE PROGRAMS
WAGNER, M. R.
APRIL 6, 1979 THIS DOCUMENT DESCRIBES A SET OF PROGRAMS THAT INTERFACE BETWEEN UNIX AND THE HONEYWELL 8000 COMPUTER AT MURRAY HILL.

UNOS1372 UNIX/RT ON A DEC VAX-11/780 PROJECT CONTRACT
KLEIN, R. L. - MARANZANO, J. F.
MARCH 20, 1979 THIS MEMORANDUM DESCRIBES THE COMMITMENTS AND EXPECTATIONS IN THIS PROJECT.

UNOS1375 A 32-BIT PROCESSOR DESIGN
JOHNSON, S. C.
TM 79-1273-3 APRIL 2, 1979 THIS PAPER DESCRIBES A USER-LEVEL INSTRUCTION SET FOR A 32-BIT PROCESSOR.

UNOS1379 COSNIX FILE MANAGEMENT (FM) COMMAND-SOFTWARE DEVELOPMENT AND CONTROL FACILITY
ROGAN, R. E.
TM 79-4652-3 MAY 15, 1979 THIS PAPER DESCRIBES COSNIX, THE OPERATING SYSTEM THAT FM RUNS UNDER. FM PROVIDES THE USER WITH A COMPLETE WORKBENCH OF MASTER FILE MANAGEMENT SERVICES.

UNOS1382 UNIX/TS AUGMENTED TASK FORCE REPORT
PAULKNER, R. A. - DEJAGER, D. S. + MCCUIRE, J. A. + SASSEVITZ, A. L.
MARCH 19, 1979 THIS REPORT DISCUSSES COMMON NEEDS OF CURRENT AND POTENTIAL USERS OF UNIX/TS AND RECOMMENDATIONS FOR THE UNIX/TS SUPPORT ORGANIZATION.

UNOS1385 CHECKING FILE ACCESS PERMISSIONS IN UNIX SYSTEMS
LICHS, J.
JUNE 28, 1979 THIS MEMO DISCUSSES SOME PROPOSED CHANGES TO THE WAY FILE ACCESS PERMISSIONS ARE CHECKED IN THE UNIX TIME-SHARING SYSTEM.

UNOS1391 PRELIMINARY CONSIDERATIONS FOR EXPLORATORY UNIX OPERATING SYSTEM WORK
LUDERER, G. W. A.
MAY 11, 1979 THIS MEMORANDUM DISCUSSES SOME PRELIMINARY THOUGHTS ABOUT THE POSSIBLE COURSE OF ACTION FOR WORK THAT WOULD LEAD TOWARDS ADAPTING UNIX TO FUTURE HARDWARE.

UNOS1395 DEPARTMENT 3821 MAXIUNIX WORKPLAN
HALL, J. T.
JUNE 1, 1979 THIS PAPER CONTAINS THE WORK PLAN FOR THE MAXIUNIX PROJECT WHICH IS BEING UNDERTAKEN BY THE "SOFTWARE AND COMPUTING TECHNOLOGY" DEPARTMENT OF LABORATORY 382.

"UNOS - OPERATING SYSTEM"

UNOS1403 PWB/UNIX EDITION 2.0 PREPARATION
PETRELLA, M. J. + SABSEVITZ, A. L.
APRIL 1, 1978 THIS MEMORANDUM RECOMMENDS A PLAN TO FACILITATE THE CONVERSION TO PWB/UNIX EDITION 2.0.

UNOS1411 A REMOTE FILE SYSTEM DRIVER FOR UNIX
GLASSER, A. L. + TING, D. W.
TM 79-3111-3 MAY 31, 1979 THIS MEMORANDUM DESCRIBES THE CONCEPT OF REMOTE FILE SYSTEMS. IT DESCRIBES AN IMPLEMENTATION FOR A READ-ONLY REMOTE FILE SYSTEM FACILITY, AND PROPOSE SOME POSSIBLE APPLICATIONS OF THIS IMPLEMENTATION.

UNOS1422 DIRECT II VAX PERFORMANCE IMPROVEMENT ESTIMATES
HUBER, D. J. + ROOME, W. D.
JULY 30, 1979 THIS MEMO IS AN EVALUATION OF THE POTENTIAL PERFORMANCE IMPROVEMENT OF MOVING DIRECT II FROM A PDP-11/70 TO A VAX-11/780.

UNOS1424 CHARACTER DEVICE DRIVER DEVELOPMENT FOR CS-UNIX OPERATING SYSTEM
MICHAEL, S.
TM 79-5282-2 JUNE 15, 1979 THIS MEMORANDUM DESCRIBES THE GENERAL CHARACTERISTICS OF CHARACTER DEVICE CONTROL UTILIZED IN THE COLUMBUS VERSION OF THE UNIX OPERATING SYSTEM (CS-UNIX) AND FOUR CHARACTER DEVICE DRIVERS WRITTEN TO SUPPORT THE HOTEL BILLING INFORMATION SYSTEM (HOBIS).

UNOS1428 DIVISION 56 UNIX COURSE
WENDLAND, K. E.
NOVEMBER 20, 1979 THIS PAPER CONTAINS THE CLASS NOTES FROM AN INTRODUCTORY UNIX COURSE. THE NOTES ARE WRITTEN IN A TUTORIAL FORMAT, WHICH IS IDEAL FOR THE NOVICE; THEY ARE ALSO THOROUGHLY INDEXED, WHICH MAKES THEM A GOOD INDEX FOR EXPERIENCED UNIX USERS.

UNOS1432 A DATABASE TRANSACTION BACKOUT AND CRASH RECOVERY SYSTEM
BURNETTE, W. A.
TM 79-9457-1 JULY 16, 1979 THIS MEMO DESCRIBES THE SYSTEM FOR DATABASE BACKOUT, BACKUP, AND RECOVERY, INCLUDING A DESCRIPTION OF THE UNIX/RT SYSTEM LEVEL IMPLEMENTATION.

UNOS1434 ADDING REMOTE FILES TO UNIX - A PROGRESS REPORT ON THE FILE SERVER PROJECT
MAGGERTY, J. P. + KIRSLIS, P. A.
AUGUST 7, 1979 IT HAS BEEN PROPOSED THAT THE UNIX OPERATING SYSTEM BE SPLIT INTO TWO PARTS: A FILE SERVER THAT CONTAINS THE PART OF UNIX THAT DOES FILE MANAGEMENT, AND A STRIPPED UNIX THAT CONTAINS THE REST OF THE CODE AND RUNS USER PROCESSES. THIS PAPER PRESENTS A DESIGN FOR SUCH A PARTITIONING OF UNIX WHICH IS TRANSPARENT TO THE USER AND ALLOWS THE SAME OPERATIONS ON REMOTE FILES THAT ARE PRESENTLY PERMITTED ON LOCAL ONES.

UNOS1435 DEPARTMENT 3624'S WORKPLAN FOR NETWORKING IN 1979/80
LUDERER, G. W. R.
JULY 18, 1979

UNOS1436 LOAD CHARACTERIZATION FOR SDS/UNIX
HOLMES, V. P. - LAX, B. J. B. - LU, P. M. - PAPPAS, J. L.
JUNE 27, 1979 THIS STUDY EXAMINES FOUR PDR 11/70'S RUNNING PWB/UNIX 1.2 IN EXISTING SDS ENVIRONMENTS AND CHARACTERIZES THE LOAD ON THESE MACHINES.

UNOS1437 A DIAL-UP NETWORK OF UNIX SYSTEMS
NOWITZ, D. A. + LESK, M. E.
TM 79-3782-2, TM 79-1274-7 JUNE 1, 1979 THIS MEMORANDUM DESCRIBES A NETWORK OF OVER EIGHTY UNIX COMPUTER SYSTEMS USING THE TELEPHONE SYSTEM AS ITS PRIMARY COMMUNICATION MEDIUM.

UNOS1439 PROGRAM TESTING - WORK TO BE DONE
GRAMPP, F. T.
MAY 14, 1979 THIS DOCUMENT DESCRIBES WORK IN PROGRAM TESTING TO BE DONE BY DEPARTMENT 3624.

UNOS1447 THE UNIX PROGRAMMING ENVIRONMENT
KERNIGHAN, B. W. + MASHEY, J. R.
JULY 1978 THIS PAPER PRESENTS A VARIETY OF EXAMPLES TO ILLUSTRATE METHODOLOGY, FOCUSING ON THOSE ASPECTS OF THE SYSTEM AND SUPPORTING SOFTWARE WHICH MAKE IT POSSIBLE.

UNOS1449 ENGINEERING AND DATA ACQUISITION SYSTEM/NETWORK MANAGEMENT (EADAS/NM) CAPACITY ESTIMATION - METHODOLOGY AND DATA REQUIREMENTS
STUCK, B. W.
JULY 17, 1978 AN OVERVIEW OF THE CURRENT STATUS OF WORK ON ESTIMATING THE CAPACITY OF THE ENGINEERING AND DATA ACQUISITION SYSTEM /NETWORK MANAGEMENT (EADAS/NM) IS PRESENTED.

UNOS1450 PERFORMANCE ASSESSMENT OF CUSTOMER SERVICE AND ADMINISTRATIVE CONTROL CENTER SYSTEM (CSACCS)
ARTHURS, E. - HAASE, J. L. - PEREA, C. - STUCK, B. W.
JULY 25, 1979 THIS REPORT SUMMARIZES RECENT WORK TO DETERMINE AND ENHANCE PERFORMANCE OF THE CUSTOMER SERVICE ADMINISTRATIVE CONTROL CENTER SYSTEM (CSACCS).

UNOS1451 A VIRTUAL TERMINAL PROTOCOL FOR UNIX
GOLDSMITH, L. D.
TM 79-5412-1 AUGUST 6, 1979 THIS MEMORANDUM DESCRIBES A VIRTUAL TERMINAL PROTOCOL FOR THE USE IN UNIX SYSTEMS.

UNOS1457 LSX PERFORMANCE
STURMAN, J. N.
TM 79-9323-2 SEPTEMBER 24, 1979 THIS PAPER DESCRIBES A NUMBER OF EXPERIMENTS WHICH WERE CONDUCTED TO MEASURE THE OPERATING CHARACTERISTICS OF A DIGITAL EQUIPMENT CORPORATION LSI-11, A 16 BIT MICROCOMPUTER UNDER CONTROL OF LSX, A MODIFIED SUBSET OF THE UNIX OPERATING SYSTEM.

UNOS1458 AN AUGMENTED VERSION OF MAKE
BRADFORD, E. G.
TM 79-5255-1 JULY 1, 1979 THIS PAPER DESCRIBES AN AUGMENTED VERSION OF THE MAKE COMMAND SUPPLIED WITH UNIX/TS. IT DESCRIBES AND GIVES EXAMPLES ONLY OF ADDITIONAL FEATURES. SEE ALSO UNSU(1078)

UNOS1459 SYNCHRONOUS TERMINALS FOR MERT
LAUR, J. E.
TM 79-9457-4 JULY 27, 1979 DESCRIBES SOFTWARE WHICH HAS BEEN DEVELOPED TO ALLOW SYNCHRONOUS TERMINALS TO INTERFACE WITH THE MERT OPERATING SYSTEM.

"UNOS - OPERATING SYSTEM"

UNOS1462 THE DIRECT II SCHEDULER
CATO, H. E.
TM 79-9488-3 AUGUST 30, 1979 THIS DOCUMENT DESCRIBES THE CAPABILITIES OF THE SCHEDULER AND THE INTERNAL PROCESSING THAT IT PERFORMS.

UNOS1463 FSCK - THE UNIX/TS FILE SYSTEM CHECK PROGRAM
KOWALSKI, T. J.
TM 79-3624-4 JULY 1, 1979 THIS PAPER DESCRIBES THE NORMAL UPDATING OF THE FILE SYSTEM, DISCUSSES THE POSSIBLE CAUSES OF FILE SYSTEM CORRUPTION, AND PRESENTS THE CORRECTIVE ACTIONS IMPLEMENTED BY FSCK.

UNOS1466 TERMINAL HANDLING FOR UNIX/370 USING A FRONT END PROCESSOR
BUREFF, S. J.
TM 79-3628-2 SEPTEMBER 18, 1979 THIS DOCUMENT DESCRIBES THE TERMINAL SUPPORT FACILITIES WHICH MUST BE PROVIDED BY A FRONT END PROCESSOR FOR UNIX/370. THE DESCRIPTION IS DIVIDED INTO TWO PARTS: REQUIRED FEATURES AND OPTIONAL FEATURES.

UNOS1469 SPS PROTOCOL IMPLEMENTED FOR D211 UNDER MERT RELEASE 0.1
SHANNON, M. J.
TM 79-3624-1 JUNE 1, 1979 THIS DOCUMENT DESCRIBES THE PROTOCOL, THE D211, THE IMPLEMENTATION OF THE D211 DRIVER, AND ITS RELATION TO THE FORMER DM11 DRIVER.

UNOS1472 MULTI-PROCESSOR DMERT
SCHAN, E. P.
NOVEMBER 8, 1979 THIS PAPER OUTLINES A BASIC PLAN FOR A MULTI-PROCESSOR DMERT EXPLORATORY EFFORT BASED ON A SHARED MEMORY ARCHITECTURE.

UNOS1473 THE LOGICAL FILE SYSTEM - A FAST-ACCESS FILE SYSTEM USING UNIX RAW I/O
MCISKIMIN, J. R.
TM 79-9471-1 SEPTEMBER 14, 1979 THIS MEMORANDUM DESCRIBES LFS (LOGICAL FILE SYSTEM) DESIGN AND IMPLEMENTATION, AND ALSO SERVES AS A USER GUIDE.

UNOS1474 TOOLS FOR THE EXTRACTION AND REDUCTION OF PWS/UNIX SOFTWARE MONITOR DATA
BONANNI, L. E.
TM 79-3781-7 SEPTEMBER 15, 1979 DATA REDUCTION FUNCTIONS HAVE BEEN DEVELOPED INTO TWO PROTOTYPE PWS/UNIX COMMANDS, BAY AND SLICE. THIS MEMORANDUM SERVES AS A USER'S GUIDE FOR BAY AND SLICE, AND IS THEIR GENERAL DESIGN DOCUMENT.

UNOS1475 A STAND-ALONE INPUT/OUTPUT LIBRARY
EISEN, S. R.
TM 79-3624-3 SEPTEMBER 4, 1979 A COMPLETE GUIDE TO THE STAND-ALONE I/O LIBRARY. THE SOFTWARE DESCRIBED WILL BE SUPPORTED IN UNIX/TS RELEASE 1.2 AND WILL BE AVAILABLE FROM THE USG STOCKROOM.

UNOS1476 GUIDELINES FOR CONVERTING MERT SOFTWARE TO UNIX/RT
KAPLAN, R. S.
NOVEMBER 14, 1979 A SET OF GUIDELINES ARE PRESENTED TO ASSIST DMERT DEVELOPERS AND DMERT BASED APPLICATIONS IN THE CONVERSION OF THEIR EXISTING MERT-BASED SOFTWARE TO UNIX/RT.

UNOS1480 RELATIVE CPU PERFORMANCE ON C LANGUAGE PROGRAMS
FEDER, J.
TM 79-3624-5 SEPTEMBER 28, 1979 THIS MEMORANDUM COMPARES A VARIETY OF CPUs WITH RESPECT TO EXECUTION SPEED AND OBJECT CODE SIZE USING SEVEN BENCHMARK PROGRAMS WRITTEN IN C.

UNOS1481 UNIX LINE DISCIPLINE FOR IBM 2740-1 PROTOCOL
HUSER, D. J.
TM 79-3781-3 AUGUST 28, 1979 THIS MEMO DESCRIBES THE PROTOCOL OF A REMOTE CONSOLE LINE AND THE CODE MODIFICATIONS WHICH WERE MADE TO USG UNIX TO MAKE IT SUPPORT THAT PROTOCOL.

UNOS1482 UNIX ASSEMBLER FOR THE INTEL 8048 MICROPROCESSORS
MILLER, L.E.
TM 79-3231-2 AUGUST 1, 1979 THIS DOCUMENT IS A USERS MANUAL ON A UNIX ASSEMBLER FOR THE 8048/8041 SERIES OF MICROPROCESSORS. IT DESCRIBES THE USAGE, INPUT AND OUTPUT OF THAT ASSEMBLER.

UNOS1483 UNIX/86: UNIX ON THE INTEL 8086
BLUMER, T. P. - MURIA, R.
NOVEMBER 1, 1979 THE BASIC IMPLEMENTATION STRATEGIES ARE DISCUSSED AND CHANGES TO THE SOURCE CODE (NECESSITATED BY DIFFERENCES IN HARDWARE) ARE DESCRIBED.

UNOS1484 UNIX/TS DEVELOPMENT PLAN
HAIGHT, R. C.
DECEMBER 10, 1979 MAJOR ADDITIONS AND CHANGES TO THE UNIX/TS OPERATING SYSTEM FOR THE NEXT THREE RELEASES ARE DESCRIBED.

UNOS1487 PRELIMINARY PERFORMANCE EVALUATION OF UNIVAC UNIX
GRAAF, D. A. DE - FEDER, J.
DECEMBER 4, 1979 THIS MEMORANDUM GIVES THE RESULTS OBTAINED IN PRELIMINARY BENCHMARK TESTING OF THE UNIVAC UNIX SYSTEM.

UNOS1488 A MECHANISM OF STARTING A PROGRAM IN A UNIX BASED OPERATING SYSTEM
LO, O. S.
TM 79-3114-1 AUGUST 24, 1979 A DIFFERENT MECHANISM OF CREATING A NEW PROCESS AND EXECUTING A PROGRAM HAS BEEN IMPLEMENTED IN A SPECIAL PURPOSE OPERATING SYSTEM WHICH EVOLVED FROM UNIX.

UNOS1490 UUCP ADMINISTRATORS' FILE AND THE UUNAME COMMAND
.AU "M. CHE" OCTOBER 31, 1979 TO HELP ADMINISTERING THE BELL LABS UUCP NETWORK, A FILE CONTAINING DATA ON THE ADMINISTRATOR OF EACH UUCP MEMBER SYSTEM HAS BEEN CREATED ON THE USG MACHINE.

UNOS1491 UUSTAT - A UUCP STATUS INQUIRY PROGRAM
CHE, M.
OCTOBER 31, 1979 THIS PAPER GIVES A DETAILED DESCRIPTION AND IMPLEMENTATION OF THE UUSTAT COMMAND.

UNOS1492 A SEND-ONLY UUCP FACILITY
CHE, M.
OCTOBER 31, 1979 THIS PAPER DISCUSSES THE USAGE AS WELL AS SOME DESIGN CONSIDERATIONS OF A SEND-ONLY UUCP MECHANISM.

"UNOS - OPERATING SYSTEM"

UNOS1493 UNIX SPECIFICATION - FILE SYSTEM RELATED SYSTEM CALLS
VOGEL, G. C.
JANUARY 10, 1979 NEW DESCRIPTIONS FOR THE FILE SYSTEM RELATED SYSTEM CALLS.

UNOS1494 A SUBROUTINE PACKAGE TO DO PROCESS CLEANUP
DWYER, T. J.
TM 79-9487-7 DECEMBER 14, 1979 THIS MEMO DESCRIBES A SUBROUTINE PACKAGE, IMPLEMENTED IN C UNDER THE UNIX/RT OPERATING SYSTEM, WHICH PROVIDES FOR THE ORDERLY TERMINATION OF A SET OF COOPERATING PROCESSES.

UNOS1495 UNIX SPECIFICATION - PROCESS RELATED SYSTEM CALLS
CANINATA, P. E.
JANUARY 28, 1980 NEW DESCRIPTIONS FOR THE PROCESS RELATED SYSTEM CALLS.

UNOS1499 A SHELL OPERATOR FOR INTER-MACHINE COMMUNICATION
WITSCHORIK, C. A.
TM 79-5425-2 AUGUST 2, 1979 AN INTER-SHELL TRANSFER OPERATOR IS PROPOSED AS A USEFUL EXTENSION TO THE SYNTAX OF THE BOURNE SHELL. THE LANGUAGE OF A SHELL FOR A UTILITY TEST SYSTEM IS GIVEN AS AN EXAMPLE APPLICATION OF THE EXTENDED NOTATION.

UNOS1500 SOME TIMING MEASUREMENTS OF EMTS, MESSAGE TRANSFERS AND CONTEXT SWITCHES FOR UNIX/RT
RALEIGH, T. W.
JANUARY 25, 1980 THIS MEMORANDUM PROVIDES SOME TIMING MEASUREMENTS OF IMPORTANT OPERATING SYSTEM FUNCTIONS FOR UNIX/RT.

UNOS1501 A DEVICE INTERFACE FOR THE SANDERS GRAPHIC7 TERMINAL UNDER UNIX
WHITE, E. W.
TM 79-3753-2 OCTOBER 29, 1979 THIS REPORT DESCRIBES THE INTERFACE BETWEEN THE SANDERS GRAPHIC7 TERMINAL AND THE UNIX OPERATING SYSTEM. THE INTERFACE HAS BEEN USED TO EVALUATE THE GRAPHIC7 TERMINAL.

UNOS1503 WORK RELATED TO UNIX-TO-UNIX FILE TRANSFER (UUCP) IN DEPARTMENT 3624 - RETROSPECTIVE AND OUTLOOK
LUDERER, G. W. R.
TM 79-3624-8 OCTOBER 31, 1979 THIS PAPER GIVES THE MOTIVATION FOR AND REPORTS ON THE UUCP-RELATED WORK DONE DURING THE PAST YEAR IN THE AUTHOR'S ORGANIZATION: NEW STATUS AND MONITORING COMMANDS, A SEND-ONLY FACILITY FOR SECURITY REASONS, ADMINISTRATIVE AIDS.

UNOS1505 7TH EDITION UNIX - SUMMARY
LABORATORIES, BELL
SEPTEMBER 6, 1978 A CONCISE SUMMARY OF THE FACILITIES AVAILABLE ON 7TH EDITION UNIX.

UNOS1508 SETTING UP UNIX - SEVENTH EDITION
HALEY, C. B. - RITCHIE, D. M.
JANUARY 1979 HOW TO CONFIGURE AND GET YOUR SYSTEM RUNNING.

UNOS1507 REGENERATING SYSTEM SOFTWARE
HALEY, C. B. - RITCHIE, D. M.
JANUARY 1979 WHAT TO DO WHEN YOU HAVE TO CHANGE THINGS.

UNOS1508 UNIX IMPLEMENTATION
THOMPSON, K.
JANUARY 1979 HOW THE SYSTEM ACTUALLY WORKS INSIDE.

UNOS1509 NETWORK ADMINISTRATOR TASKS FOR UNIX FILE TRANSFER NETWORKS
CHE, H. - LUDERER, G. W. R.
TM 79-3624-7 SEPTEMBER 11, 1979 IT IS THE PURPOSE OF THIS PAPER TO DEFINE A MAINTENANCE TASK, CALLED THE NETWORK ADMINISTRATOR TASK.

UNOS1514 A REAL-TIME SATELLITE SYSTEM BASED ON UNIX
MURREL, S. - KOWALSKI, T.
TM 79-1229-18, TM 79-3624-9 A HARDWARE AND SOFTWARE OVERVIEW OF PARASITE, A REAL-TIME SATELLITE SYSTEM BASED ON UNIX.

UNOS1516 A SIMPLIFIED FRONT-END FOR SCCS
RUGASER, S.
TM 80-3644-1 JANUARY 10, 1980 THIS MEMORANDUM DESCRIBES A SERIES OF UNIX SHELL COMMANDS THAT TOGETHER PROVIDE A SIMPLIFIED FRONT-END FOR THE SOURCE CODE CONTROL SYSTEM(SCCS).

UNOS1519 AN OPERATIONAL ANALYSIS STUDY OF UNIX/370
ZAROW, R. L.
MARCH 5, 1980 THIS ARTICLE GIVES AN INTRODUCTION TO OPERATIONAL ANALYSIS. THERE IS ALSO A DESCRIPTION OF A FUTURE OPERATIONAL ANALYSIS STUDY OF UNIX/370.

UNOS1527 REAL-TIME PROCESSING UNDER UNIX
MURREL, S.
TM 79-1229-19 OCTOBER 28, 1979 THIS PAPER FIRST ADDRESSES THE REASONS WHY REAL-TIME REQUIREMENTS ARE NOT MET BY A USER PROGRAM RUNNING UNDER UNIX AND THEN BRIEFLY PRESENTS POSSIBLE SOLUTIONS TO THESE DIFFICULTIES.

UNOS1534 SOFTWARE SEGMENTATION FOR LARGE INSTRUCTION SPACE ON THE PDP11
REISER, J. F.
TM 80-1353-1 JANUARY 30, 1980 THIS PAPER PRESENTS A SOFTWARE SEGMENTATION SCHEME WHICH ALLOWS UP TO 2 MEGABYTES OF INSTRUCTIONS PER PROCESS ON ANY PDP11 WITH MEMORY MANAGEMENT HARDWARE.

UNOS1535 A MICROPROCESSOR BASED DATA ACQUISITION AND CONTROL SYSTEM
ROBBINS, M. F. + PRATT, G.
TM 80-1131-14 FEBRUARY 14, 1980 A DATA ACQUISITION, CONTROL AND DISPLAY SYSTEM IS DESCRIBED USING A Z-80 MICROPROCESSOR. A COMPLETE USERS MANUAL IS INCLUDED.

UNOS1538 AN IMPROVED MAGNETIC TAPE DRIVER FOR THE UNIX/RT OPERATING SYSTEM
KUKUK, R. C.
TM 80-5446-1 FEBRUARY 29, 1980 THIS MEMORANDUM COMPARES THE STANDARD UNIX/RT TAPE DRIVER WITH THE MODIFIED TAPE DRIVER FOR THE SPECIAL FILE ACCESS SUBSYSTEM (FAS) FUNCTIONS.

"UNOS - OPERATING SYSTEM"

UNOS1544 A MEMORY DEVICE DRIVER FOR UNIX
GLASSER, A. L.
TM 80-3168-5 MAY 9, 1980 THIS PAPER PRESENTS THE USER INTERFACE, IMPLEMENTATION, PERFORMANCE AND POSSIBLE FUTURE WORK.

UNOS1555 ON MAKING THE UNIX FILE SYSTEM CRASH RESISTANT
GLASSER, ALAN L.
TM 80-3168-6 MAY 27, 1980 THIS MEMO DESCRIBES CHANGES MADE TO THE UNIX KERNEL THAT MAKE ITS FILE SYS CRASH RESISTANT. A SYSTEM RUNNING THIS MODIFIED KERNEL HAS A HIGHER DEGREE OF AVAILABILITY THAN A STANDARD UNIX SYSTEM.

UNOS1556 SOURCE CONTROL + TOOLS = STABLE SYSTEMS
CRISTOFOR, EUGENE + WENOT, T. A. + WONSIEWICZ, B. C.
TM 80-3168-7 MAY 15, 1980 THIS PAPER DESCRIBES OUR EXPERIENCE IN ADMINISTERING THE SOFTWARE FOR A LARGE SYSTEM.

UNOS1561 A DISTRIBUTED UNIX SYSTEM
GLASSER, ALAN L. + UNGAR, DAVID M.
TM 80-3168-8 MAY 9, 1980 THIS PAPER DESCRIBES A DISTRIBUTED UNIX SYSTEM THAT SUPPORTS A COMMUNITY OF SEVERAL HUNDRED COMPUTER PROGRAMMERS.

UNOS1562 UNIX/370 CONVERSION GUIDE
RYAN, D. R.
MAY 30, 1980 THE PURPOSE OF THIS DOCUMENT IS TO PROVIDE A USER'S GUIDE TO PORTING C CODE TO UNIX/370. BASIC DIFFERENCES BETWEEN UNIX/370 AND UNIX ON THE PDP-11 AND VAX-11 ARE DESCRIBED FROM THE USER'S POINT OF VIEW.

UNOS1568 A UNIX DATAGRAM NETWORK
UNGAR, DAVID M.
TM 80-3168-9 MAY 1, 1980 A DATAGRAM IS AN INDIVISIBLE AND COMPLETE REQUEST FOR A DESTINATION SYSTEM TO PERFORM A SPECIFIC ACTION WITH A SET OF DATA. THIS MEMO DESCRIBES A DATAGRAM-BASED NETWORK SOFTWARE FOR THE UNIX TIMESHARING SYSTEM IN ORDER TO SUPPORT A REMOTE FILE SYSTEM AND OTHER NETWORK APPLICATIONS.

UNOS1569 USERS' GUIDE FOR THE PARASITE SYSTEM: A REAL-TIME SATELLITE SYSTEM BASED ON UNIX
MURREL, SHARON + KOWALSKI, TED
TM 80-1229-2 MAY 5, 1980 THIS MEMO IS INTENDED TO ASSIST USERS IN RUNNING A PROGRAM ON A SATELLITE LINKED TO A HOST UNIX SYSTEM USING THE PARASITE SATELLITE SYSTEM. IT IS NOT INTENDED TO COMPREHENSIVELY DESCRIBE THE PARASITE SYSTEM, BUT RATHER SHOULD BE USED IN CONJUNCTION WITH THE PARASITE USER MANUAL.

UNOS1570 AUTOMATIC CONFIGURATION OF CB UNIX SOFTWARE
SULLIVAN, P. O.
TM 80-5432-2 MAY 23, 1980 THIS MEMORANDUM DESCRIBES A SOFTWARE METHOD THAT DETERMINES IF AN EXPECTED HARDWARE ELEMENT IS CONNECTED TO A DIGITAL EQUIPMENT CORPORATION PDP-11 COMPUTER RUNNING CB UNIX VERSION 2.1. THE SAME TECHNIQUE SHOULD BE USABLE ON ANY PDP-11 BASED SYSTEM.

UNOS1571 PROCESS RECOVERY
MENZEL, F. S.
TM 80-3121-5 MAY 29, 1980 THIS MEMORANDUM DESCRIBES AN EXPERIMENTAL FLIGHT RECORDER MECHANISM WHICH WOULD PERMIT AUTOMATIC RESTART OF FAILED PROCESSES WITHOUT LOSS OF INFORMATION.

UNOS1572 AN ANALYSIS OF KERNEL MESSAGE BUFFER UTILIZATION IN UNIX/RT
KUKUK, R. C.
TM 80-5446-2 JUNE 18, 1980 A PROGRAM TO ANALYZE KERNEL MESSAGE BUFFER USAGE WAS WRITTEN. THIS PROGRAM MONITORED THE KERNEL MESSAGE BUFFER WHILE A SET OF 2F2 SIMULATION PROGRAMS WAS RUN. THIS MEMORANDUM DOCUMENTS THE RESULTS OF THAT EXPERIMENT.

UNOS1573 PARASITE USER'S MANUAL: A REAL-TIME SATELLITE SYSTEM BASED ON UNIX
KOWALSKI, T. J. + MURREL, S. L.
TM 80-1229-4 JUNE 1, 1980 THIS MEMO IS THE REFERENCE MANUAL FOR THE PARASITE SYSTEM.

UNOS1579 EXCLUSIVE USE OF FILES IN THE UNIX/RT SYSTEM
BRAUN, D. A.
TM 80-6354-1 MAY 28, 1980 THIS MEMORANDUM DESCRIBES A CHANGE TO THE UNIX/RT SYSTEM THAT PROVIDES A METHOD OF OPENING A FILE FOR THE EXCLUSIVE USE BY A SINGLE PROCESS OR GROUP OF RELATED PROCESSES.

UNOS1580 DATA SWITCH REQUIREMENTS FOR A LOCAL AREA COMPUTER NETWORK
LUDERER, G. W. R.
TM 80-3632-6 APRIL 25, 1980 THIS PAPER DISCUSSES THE REQUIREMENTS FOR A DATA SWITCH FROM THE POINT OF VIEW OF THE BUILDERS OF LOCAL AREA COMPUTER NETWORKS AND DISTRIBUTED SYSTEMS.

UNOS1581 PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR LOOP MAINTENANCE OPERATIONS SYSTEM (LMOS)
ARTHURS, E. + HOLTMAN, J. P. + STUCK, B. W.
APRIL 8, 1980 THIS REPORT IS CONCERNED WITH QUANTIFYING THE RELIABILITY AND PERFORMANCE LIMITATIONS OF THE PRESENT SYSTEM, AND SUGGESTING GUIDELINES FOR ASSURING ADEQUATE PERFORMANCE OF THE PROPOSED IMPLEMENTATION.

UNOS1582 PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR SATELLITE NETWORK CONTROLLER (SNC) FOR PICTUREPHONE MEETING SERVICE (PMS)
ARTHURS, E. + REINHARDT, C. A. + SAVCLAIN, C. C. + STUCK, J. C. SELBO 8.
JULY 23, 1980 THESE NOTES ARE A PROGRESS REPORT ON PRELIMINARY TRAFFIC LIMITATIONS AS WE HIGH LEVEL SYSTEM ENGINEERING OVERVIEW.

UNOS1583 SOCCOM: LSX SHARED OBJECT CODE AND COMMON MEMORY SYSTEM
HAWKINS, J. P.
TM 80-2425-2 JULY 28, 1980 THIS MEMO DESCRIBES A METHOD OF SHARING SUBROUTINE CODE AND COMMON DATA STORAGE IMPLEMENTED ON THE LSX (LSI-11 UNIX) OPERATING SYSTEM USED IN DEPT 2425.

UNOS1585 2SH - AN EXPERIMENTAL SHELL FOR CONNECTING PROCESSES WITH MULTIPLE DATA STREAMS
ROCKHIND, MARC J.
TM 80-9323-3 AUGUST 1, 1980 THE STANDARD UNIX SHELL SH PROVIDES THE & OPERATOR FOR BUILDING A LINEAR PIPELINE OF COMMANDS. 2SH EXTENDS THIS IDEA BY PROVIDING OPERATORS FOR BUILDING NONLINEAR PIPELINES. THIS MEMO ASSUMES THE READER IS THOROUGHLY FAMILIAR WITH SH.

"UNOS - OPERATING SYSTEM"

UNOS1588 UNIX ON THE PDP-11/23 AND 11/34 COMPUTERS
KOWALSKI, T. J.
TM 80-1229-9 AUGUST 15, 1980 THIS PAPER DESCRIBES ARCHITECTURAL DIFFERENCES BETWEEN THE PDP-11/70, PDP-11/23, AND PDP-11/34 COMPUTERS, THEIR INTERACTION WITH THE UNIX OPERATING SYSTEM AND THE CHANGES THE AUTHOR IMPLEMENTED IN THAT SYSTEM TO MAKE IT RUN ON THE PDP-11/23 AND PDP-11/34, ALONG WITH SOME CONSIDERATIONS FOR THE FUTURE.

UNOS1604 USING A COMPUTER NETWORK AS A CACHE MEMORY: DESIGN AND IMPLEMENTATION
ELLIOTT, R. J. - LESK, M. E.
TM 80-1273-6, 80-1274-7 SEPTEMBER 15, 1980

UNOS1605 RESPONSE TIME AND USER SATISFACTION ON A UNIX SYSTEM
LESK, MICHAEL E.
TM 80-1274-10 SEPTEMBER 30, 1980 MEASUREMENTS OF RESPONSE TIME WERE TAKEN EVERY TWENTY MINUTES FOR TWO WEEKS ON THE CENTER 127 RESEARCH UNIX SYSTEM.

UNOS1606 SSPS - A SIMPLE SATELLITE PROCESSOR SYSTEM
ROBBINS, M. F. + PRATT, GILL
TM 80-1131-70 OCTOBER 21, 1980 THIS PAPER DESCRIBES THE COMMUNICATIONS PROTOCOL WHICH WAS ESTABLISHED TO IMPLEMENT THE SYSTEM AND DESCRIBES THE SPECIFIC IMPLEMENTATION OF THE SYSTEMS IN DEPT 1131.

UNOS1607 STRUCTURE OF A UNIX DATABASE FILE SYSTEM
ROCKKIND, MARC J.
TM 80-9323-5 OCTOBER 30, 1980 A DATABASE FILE SYSTEM IS THE LOW-LEVEL PART OF A DATABASE MANAGEMENT SYSTEM THAT HANDLES DATA STORAGE, INDEXING, CONCURRENCY CONTROL, TRANSACTION CONTROL AND RECOVERY. THIS MEMO DESCRIBES A STRUCTURE FOR A DATABASE FILE SYSTEM THAT ENCAPSULATES IMPORTANT DESIGN DECISIONS INTO SEPARATE MODULES.

UNOS1608 YET ANOTHER CRASH RESISTANT UNIX FILE SYSTEM
BROWMAN, I.
TM 80-3165-3 NOVEMBER 13, 1980

UNOS1621 SETTING UP PARASITE: A REAL-TIME SATELLITE SYSTEM BASED ON UN
KOWALSKI, T. J. - MURREL, S. L.
TM 80-1229-3 JUNE 24, 1980 THIS MEMO IS THE SETUP AND RECONFIGURATION MANUAL FOR THE PARASITE SYSTEM. IT DESCRIBES IN DETAIL THE INITIAL INSTALLATION FROM TAPE, THE RECONFIGURATION PROCEDURES, AND THE ADDITION OF DEVICE DRIVERS TO THE PARASITE SYSTEM.

UNOS1622 THE UNIX MYSTIQUE OR WHAT UPPER MANAGEMENT SHOULD KNOW ABOUT UNIX
HOLTMAN, J. P.
TM 80-9321-2 OCTOBER 17, 1980 LIMITATIONS OF UNIX AS THE BASE FOR TRANSACTION SYSTEMS WILL BE DISCUSSED IN THIS MEMO.

UNOS1623 A SATELLITE PROCESSOR SYSTEM FOR THE MOTOROLA MC68000
KATSEFF, H. P. - LONDON, T. B.
TM 80-1353-13 DECEMBER 1, 1980 A DESCRIPTION OF A UNIX-LIKE EXECUTION ENVIRONMENT CONSTRUCTED FOR THE MOTOROLA MC68000 MICROPROCESSOR.

UNOS1632 THE UNIX MYTHOS AND WHAT UPPER MANAGEMENT SHOULD ASK ABOUT UNIX
DEJAGER, D. S.
JANUARY 5, 1981 THIS MEMORANDUM ATTEMPTS TO DEMYTHOLOGIZE CERTAIN ASPECTS OF UNIX, AND SUGGESTS THAT A CONSCIOUS POLICY FOR FUTURE DEVELOPMENTS NEEDS TO BE DEFINED.

UNOS1636 DESCRIPTION OF CHANGES IN LEAP RELEASE 3.07
QUINN, M. E.
FEBRUARY 17, 1981 THE LEAP SYSTEM HAS BEEN MODIFIED TO RUN ON DIFFERENT HARDWARE. THIS MEMO DESCRIBES, FOR USERS, THE CHANGES TO LEAP IN RELEASE 3.07.

UNOS1639 SHARED MEMORY FOR UNIX
POLSKY, R. A. + HENRY, G. J.
DECEMBER 19, 1980 THE PURPOSE OF THIS PAPER IS TO DESCRIBE ANOTHER VERSION OF SHARED MEMORY.

UNOS1652 DESIGN INTERNALS OF S-UNIX 3.0
BACH, M. J.
FEBRUARY 2, 1981 THIS PAPER DISCUSSES THE DESIGN AND IMPLEMENTATION OF UNIX OPERATING SYSTEM ALGORITHMS USED TO ACCOMMODATE REMOTE FILE SERVER MACHINES IN THE S-UNIX/F-UNIX PROJECT.

UNOS1653 THE SYSTEM ACTIVITY PACKAGE - UNIX 4.0
PAO, TSYM-WEN
JANUARY 6, 1981 THIS MEMO DESCRIBES THE DESIGN AND IMPLEMENTATION OF THE UNIX SYSTEM ACTIVITY PACKAGE FOR UNIX 4.0.

UNOS1654 EXPANDING A UNIX/1100 FILE SYSTEM
ORSHAN, S. D.
MARCH 27, 1981 A METHOD IS DESCRIBED FOR THE EXPANSION OF THE INODE AND FREE-LIST SPACE OF AN EXISTING UNIX/1100 FILE SYSTEM RESIDING IN A UNIVAC FILE.

UNOS1661 UNIX RELEASE 4.0 - HIGHLIGHTS OF CHANGES TO COMMANDS
CARLSON, FRED W. + RUSH, R. R.
DECEMBER 11, 1980 THIS DOCUMENT HIGHLIGHTS CHANGES MADE TO UNIX COMMANDS BY THE UNIX COMMANDS AND TEXT PROCESSING GROUP OF DEPT. 3683 IN PREPARATION FOR UNIX RELEASE 4.0. A COMPANION DOCUMENT, "UNIX RELEASE 4.0 - CHANGES TO TEXT PROCESSING SOFTV DEC. 11, 1980, BY N. E. BOCK OUTLINES CHANGES TO TEXT SOFTWARE. SEE ALSO UNOS(1981)

UNOS1662 UNIX PRODUCT RELEASE DESCRIPTION RELEASE 4.0
49174, DEPARTMENT
MARCH 1981

UNOS1663 EXPANDED TEXT SAPEC FOR THE PDP 11/70.
SMITH, A. O.
TM 81-59473-1 JANUARY 6, 1981 A DESIGN IS PRESENTED TO INCREASE THE MAXIMUM USABLE TEXT AREA FOR THE UNIX KERNEL TO 237568 BYTES. THE DESIGN DESCRIBED HERE RELATES SPECIFICALLY TO KERNEL TEXT SPACE PROBLEMS ON THE PDP 11/70 WITH POSSIBILITY OF USING THE SAME TECHNIQUE ON THE PDP 11/23.

"UNOS - OPERATING SYSTEM"

UNOS1664 ESCAPING UNIX: A MECHANISM FOR DEMON COOPERATION IN THE OPERATING SYSTEM RABINOWITZ, M. S. TM 81-43165-1 JANUARY 9, 1981 THIS PAPER DISCUSSES THE CHANGES TO UNIX NEEDED TO IMPLEMENT THE ESCAPE MECHANISM, SHOWS THE ACTUAL WORKINGS OF THE MECHANISM, AND INDICATES ITS USEFULNESS IN THE CONTEXT OF A MULTIMACHINE TRANSPARENT FILE-SHARING SYSTEM IMPLEMENTED BY DEPARTMENT 43165.

UNOS1665 TRANSACTION FILE MANAGER (TFM) PERFORMANCE IMPROVEMENTS CARFAGNO, J. A. TM 81-59332-2 MARCH 3, 1981 THIS MEMO PRESENTS A SET OF NEW ALGORITHMS WHICH GREATLY IMPROVE TFM PERFORMANCE, ESPECIALLY TFM INITIALIZATION.

UNOS1662 AN ANALYTIC MODEL FOR DISTRIBUTED COMPUTER PERFORMANCE EVALUATION ARTMURS, E. + STUCK, B. V. TM 81-45173-2 MARCH 20, 1981

UNOS1667 THE TRANSPARENT FILE SHARING SYSTEM: A MULTI-MACHINE UNIX FILE SYSTEM USING VIRTUAL CIRCUITS RABINOWITZ, M. S. TM 81-43165-2 JANUARY 26, 1981 SECTION 1 OF THIS PAPER DISCUSSES THE TFSS IN THE CONTEXT OF OTHER DISTRIBUTED FILE SYSTEMS RUNNING UNDER UNIX. SECTION 2 SHOWS THE ENVIRONMENT UNDER WHICH TFSS RUNS (BOTH INTRA-MACHINE AND INTER-MACHINE). SECTION 3 EXPLAINS THE ADMINISTRATIVE PRELIMINARIES NEEDED TO SET UP TFSS. SECTION 4 EXPLAINS HOW TFSS WORKS. SECTION 5 SHOWS THE SIMPLICITY OF RECONFIGURATION USING TFSS. SECTION 6 SUGGESTS FUTURE DIRECTIONS FOR TFSS.

UNOS1688 SDS/NET - AN INTERACTIVE DISTRIBUTED OPERATING SYSTEM ANTONELLI, C. J. + HAMILTON, L. S. + LU, P. M. + WALLACE, J. J. + YUEN, K. TM 81-45164-1, TM 81-45162-1, TM 81-45161-1, TM 81-45162-3, TM 81-45163-1 SDS/NET WAS DEVELOPED TO SUPPORT INTERACTIVE OPERATIONS FOR A DISTRIBUTED SYSTEM CONSISTING OF MACHINES RUNNING THE UNIX OPERATING SYSTEM.

UNOS1713 VIRTUAL CIRCUITS IN A MULTIPLE UNIX SYSTEM KAUFELD, J. C. + RUSSELL, D. L. TM 81-43165-3 JULY 10, 1981 THE DATA COMMUNICATION SYSTEMS LABORATORY OF BELL LABORATORIES ENGAGED IN A PROJECT TO DEVELOP AN EXPERIMENTAL MULTI-MACHINE OPERATING SYSTEM. THIS SYSTEM PRESERVES THE APPEARANCE OF THE UNIX OPERATING SYSTEM TO ITS USERS, AND IS KNOWN AS THE D/UNIX SYSTEM. DEVELOPMENT OF THE SYSTEM INVOLVES SOFTWARE MODIFICATIONS TO THE UNIX SYSTEM, A LAYER OF DISTRIBUTED SOFTWARE FOR MULTI-MACHINE CONTROL, AND ADDITION OF CUSTOM-BUILT HARDWARE.

UNOS1714 USER SPACE I/O COMMANDS GIVE UNIX REAL-TIME CAPABILITIES KROPFL, W. J. TM 81-11223-3 JUNE 19, 1981 TWO SYSTEM CALLS, USIO (USER SPACE I/O) AND SETUVEC (SET USER VECTOR), HAVE BEEN ADDED TO UNIX 3.0 TO PERMIT THE EXECUTION OF I/O INSTRUCTIONS AND INTERRUPT ROUTINES DIRECTLY FROM USER SPACE. EXAMPLES ARE GIVEN ILLUSTRATING THE USE OF THE COMMANDS IN WRITING REAL-TIME PROGRAMS.

UNOS1715 A VIEW ON SOFTWARE CONTROL FOR UNIX RELEASES HERGENHAN, C. S. TM 81-45177-1 JULY 14, 1981 THIS MEMO ADDRESSES SOME OF THE TECHNICAL ISSUES ASSOCIATED WITH SOFTWARE DEVELOPMENT AND PROPOSES AN INITIAL SOLUTION. IT ALSO NOTES THAT WITH CURRENT TECHNOLOGY, THE HARDER ISSUES ARE MANAGEMENT RELATED.

UNOS1716 PROGRAMMING THE MOTOROLA MC68000 ABATE, R. J. AUGUST 20, 1981 THIS MEMORANDUM CONTAINS USEFUL INFORMATION FOR USING THE MOTOROLA VERSAMODULE MICROCOMPUTER.

UNOS1717 DESIGN AND PERFORMANCE ANALYSIS OF COMPUTER INTERFACES FOR A DATAMIT-BASED COMPUTER NETWORK CHE, H. + MARSHALL, W. T. TM 81-45192-4 JULY 22, 1981 THIS PAPER DESCRIBES HARDWARE, SOFTWARE, AND FIRMWARE IMPLEMENTATIONS OF AN INTERFACE BETWEEN DEC PDP-11 OR VAX 11/780 COMPUTERS AND THE DATAMIT SWITCH.

UNOS1718 XDB: AN EXTENDED DEBUGGER MANISCHEWITZ, S. S. TM 81-59321-3 JULY 24, 1981 XDB, IS AN ENHANCED VERSION OF SDB. THIS MEMO DESCRIBES THE ADDITIONAL FEATURES OF XDB. IT ASSUMES FAMILIARITY WITH SDB.

UNOS1733 OFFICE AUTOMATION SYSTEM (OAS) PERFORMANCE STUDY CHEN, D. + FIALKOFF, R. TM 81-45281-15 AUGUST 14, 1981 A PERFORMANCE STUDY OF DEPARTMENT 45177'S PROTOTYPE OFFICE AUTOMATION SYSTEM (OAS) WORD PROCESSING FUNCTION HAS BEEN CONDUCTED. OAS, WHICH RUNS ON THE UNIX SYSTEM, PROVIDES FULL SCREEN EDITING, AS WELL AS OTHER TOOLS TO FACILITATE OFFICE OPERATION. THE OBJECTIVE OF THE PERFORMANCE STUDY HAS BEEN TO EXPLORE OAS CAPACITY, SPECIFICALLY IN THE AREA OF DOCUMENT CREATION AND REVISION.

"UNPL - PROGRAMMING LANGUAGES"

UNPL1001 PROGRAMMING IN C - A TUTORIAL (8.9)
KERNIGHAN, B. W.
TM 74-1273-12 MAY 5, 1974 SEE ALSO UNPL(1002)

UNPL1002 THE C PROGRAMMING LANGUAGE - REFERENCE MANUAL
RITCHIE, D. M.
JANUARY, 1979 SEE ALSO UNPL(1001)

UNPL1009 A MANUAL FOR THE TMG COMPILER-WRITING LANGUAGE
MCILROY, M. D.
SEPTEMBER 13, 1972 MM 72-1271-6

UNPL1012 UNIX ASSEMBLER REFERENCE MANUAL
RITCHIE, D. M.

UNPL1013 YACC - YET ANOTHER COMPILER COMPILER
JOHNSON, S. C.
TM 78-1273-4 JULY 31, 1978 CONVERTS A BNF SPECIFICATION OF A LANGUAGE AND SEMANTIC ACTION WRITTEN IN C INTO A COMPILER FOR THE LANGUAGE.

UNPL1018 GRAFPAC/FR80 - A C VERSION OF DEFERRED GRAFPAC UNDER THE UNIX TIME-SHARING SYSTEM.
SWANSON, G. K.
TM 74-1353-6 SEPTEMBER 23, 1974

UNPL1053 BC - AN ARBITRARY PRECISION DESK CALCULATOR LANGUAGE
CHERRY, L. + MORRIS, R.
NOVEMBER 12, 1978 BC IS A LANGUAGE AND A COMPILER FOR DOING ARBITRARY PRECISION ARITHMETIC ON THE PDP-11 UNDER THE UNIX TIME-SHARING SYSTEM.

UNPL1056 DC - AN INTERACTIVE DESK CALCULATOR
CHERRY, L. + MORRIS, R.
NOVEMBER 15, 1978 DC IS AN INTERACTIVE DESK CALCULATOR PROGRAM IMPLEMENTED ON THE UNIX TIME-SHARING SYSTEM TO DO ARBITRARY-PRECISION INTEGER ARITHMETIC.

UNPL1061 LEX - A LEXICAL ANALYZER GENERATOR
LESK, M. E. + SCHMIDT, E.
JANUARY 1979 LEX HELPS WRITE PROGRAMS WHOSE CONTROL FLOW IS DIRECTED BY INSTANCES OF REGULAR EXPRESSIONS IN THE INPUT STREAM.

UNPL1063 A DESCRIPTION OF HOW UNIX FORTRAN WORKS
WINHEIM, I. A.
TM 75-8234-3 APRIL 10, 1975 THIS MEMORANDUM DESCRIBES THE MAIN DIFFERENCES BETWEEN C AND FORTRAN AND HOW TO INTERFACE FORTRAN WITH THE OPERATING SYSTEM.

UNPL1064 AGEN - AN ASSOCIATED MEMORY GENERATOR
LESK, M. E.
TM 75-1274-18 SEPTEMBER 2, 1975 AGEN IS A PROGRAM GENERATOR FOR TABLE SEARCHES. IT ALSO WRITES PROGRAMS TO STORE AND RETRIEVE INFORMATION.

UNPL1074 A LIBRARY OF REFERENCE STANDARD MATHEMATICAL SUBROUTINES
MORRIS, R.
TM 75-1271-6 MAY 1, 1975 THIS MEMO DESCRIBES A SET OF MATHEMATICAL LIBRARY FUNCTIONS TO USE ARBITRARY ACCURACY. RELEVANT ERROR ANALYSIS AND SUBROUTINES LISTINGS ARE GIVEN.

UNPL1079 BLOSIM - A DISCRETE TIME BLOCK SIMULATOR
(MIT), G. ROYLANCE + DOLAN, M. T. + KAISER, J. F.
TM 75-1352-6 JULY 15, 1975 THIS MEMORANDUM DESCRIBES THE LANGUAGE, VARIABLE PRECISION, IMPLEMENTATION, AND GENERAL USE OF BLOSIM.

UNPL1080 UNIX FACILITIES FOR THE DEVELOPMENT OF PROGRAMS WRITTEN IN MACRO-11.
JENSEN, P. D.
TM 75-8234-14 DECEMBER 5, 1975 THIS MEMO DESCRIBES THE INITIAL SET OF FACILITIES AVAILABLE UNDER UNIX FOR USE IN DEVELOPING PROGRAMS WRITTEN IN DOS MACRO-11, AND BOS & BOS APPLICATION PROGRAMS IN PARTICULAR.

UNPL1084 STRUCT - A PROGRAM WHICH STRUCTURES FORTRAN
BAKER, B. S.
TM 75-1271-12 DECEMBER 22, 1975 STRUCT IS A PROGRAM WHICH REWRITES FORTRAN PROGRAMS USING RATFOR CONTROL CONSTRUCTS, SUCH AS WHILE AND IF ELSE STATEMENTS. THESE CONSTRUCTS ARE USED BY STRUCT TO MAKE LOOPS AND BRANCHING APPARENT. SEE ALSO UNPL(1103)

UNPL1097 SIM - A LANGUAGE FOR SIMULATING COMPUTERS
CHERRY, L. L.
TM 76-1271-2 MAY 5, 1976 SIM IS A LANGUAGE AND COMPILER FOR WRITING COMPUTER AND MICROPROCESSOR SIMULATORS. SIM CURRENTLY RUNS UNDER UNIX AND WILL SOON BE AVAILABLE UNDER CROS.

UNPL1101 A REGULAR EXPRESSION MATCHER FOR THE C LANGUAGE
SABSEVITZ, A. L.
TM 76-9141-5 JUNE 2, 1976 THIS MEMORANDUM DESCRIBES A PRIMITIVE REGULAR EXPRESSION MATCHING FACILITY WRITTEN FOR LANGUAGE C. ROUTINES HAVE BEEN PROVIDED TO COMPILE REGULAR EXPRESSIONS AND TO APPLY SUCH COMPILED EXPRESSIONS TO STRING SUBJECTS.

UNPL1102 SOME STATISTICS ON THE USAGE OF THE C LANGUAGE
CAJEWSKA, M. + JOHNSON, S. C.
TM 78-1273-13 NOVEMBER 24, 1978 THIS PAPER DESCRIBES A PROGRAM THAT ANALYSES PROGRAMS WRITTEN IN THE C LANGUAGE.

UNPL1103 AN ALGORITHM FOR STRUCTURING FLOWGRAPHS
BAKER, B. S.
TM 76-1271-3 MAY 14, 1976 THIS PAPER DESCRIBES AN ALGORITHM WHICH TRANSFORMS A FLOWGRAPH INTO A PROGRAM CONTAINING IF THEN ELSE AND REPEAT (DO FOREVER) STATEMENTS. THE ALGORITHM HAS BEEN IMPLEMENTED IN A PROGRAM CALLED STRUCT. SEE ALSO UNPL(1084)

"UNPL - PROGRAMMING LANGUAGES"

UNPL1105 AN INTERACTIVE CONTROL LANGUAGE FOR SIM-
CHERRY, L. L.
TM 78-1271-8 JUNE 28, 1978 THIS PAPER IS INTENDED TO BE A REFERENCE MANUAL AND ASSUMES FAMILIARITY
WITH SIM.

UNPL1107 PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING.
(G.4)
, T. A. DOLLOTTA, ET AL.
FOR COMPLETE INFORMATION, SEE UNED (G.4)

UNPL1143 A STYLE SHEET FOR C PROGRAMMING, ISSUE 1
GLASSER, A. L.
FEBRUARY 28, 1977 MEMORANDUM FOR FILE THE --STYLE SHEET-- DESCRIBES THE RECOMMENDED STYLE (PHYSICAL
LAYOUT AND APPEARANCE) FOR WRITING C PROGRAMS IN CENTER 914.

UNPL1149 UNIX ASSEMBLER FOR THE INTEL 8080 MICROPROCESSOR
MOLINELLI, J. J.
TM 77-3233-4 MARCH 17, 1977 THIS DOCUMENT DESCRIBES THE USAGE, INPUT, AND OUTPUT OF AN ASSEMBLER FOR
THE INTEL 8000 SERIES MICROPROCESSORS.

UNPL1150 REISSUE NO. 1 OF MAC-8 ASSEMBLER USER'S MANUAL
KIRBY, D. B.
TM 77-2268-2 MAY 20, 1977 THIS MANUAL DESCRIBES THE MAC-8 ASSEMBLY LANGUAGE. IT DOES NOT DESCRIBE
THE MAC-8 MACHINE. IT SUMMARIZES ALL OF THE MACHINE INSTRUCTIONS, ALL ADDRESSING MODES, AND ALL
TESTABLE MACHINE CONDITIONS. THIS IS A REVISION OF TM 78-4393-16

UNPL1157 A GENERAL-PURPOSE SUBROUTINE LIBRARY FOR PWB/UNIX (B.11)
GLASSER, A. L.
TM 77-9144-2 APRIL 27, 1977 THIS LIBRARY WAS DESIGNED TO BE UPWARDLY COMPATIBLE WITH TWO PREVIOUS
LIBRARIES AND TO COMPLEMENT THE FUNCTIONS PROVIDED BY D. RITCHIE'S --A NEW INPUT-OUTPUT PACKAGE--.

UNPL1160 THE M4 MACRO PROCESSOR
KERNIGHAN, B. W. + RITCHIE, D. M.
JULY 1, 1977 M4 IS A MACRO PROCESSOR AVAILABLE ON UNIX AND CROS. M4 IS PARTICULARLY SUITED FOR
FUNCTIONAL LANGUAGES LIKE FORTRAN, PL/I AND C SINCE MACROS ARE SPECIFIED IN A FUNCTIONAL NOTATION.
THIS PAPER IS A USER'S MANUAL FOR M4.

UNPL1166 MAC-8 C FOR BEGINNERS
ROVEGNO, H. D.
TM 77-4393-2 APRIL 1, 1977 THIS MEMORANDUM WILL SERVE AS A TUTORIAL FOR THE C LANGUAGE WITH EMPHASIS
ON THOSE FEATURES WHICH ARE MOST USEFUL TO THE MICROPROCESSOR USER AND SPECIAL TO THE MAC-8.

UNPL1185 A TUTORIAL INTRODUCTION TO ADB
MARAZZANO, J. F. + BOURNE, S. R.
TM 77-6234-11, TM 77-1273-10 MAY 5, 1977 ADB IS AN INDISPENSABLE BUT COMPLEX TOOL FOR DEBUGGING
CRASHED SYSTEMS AND/OR PROGRAMS. THIS DOCUMENT PROVIDES AN INTRODUCTION TO ADB WITH EXAMPLES OF ITS
USE.

UNPL1193 RATFOR - A PREPROCESSOR FOR A RATIONAL FORTRAN
KERNIGHAN, B. W.
JANUARY 1979 THIS PAPER DISCUSSES DESIGN CRITERIA FOR A FORTRAN PREPROCESSOR, THE RATFOR LANGUAGE AND
ITS IMPLEMENTATION, AND USER EXPERIENCE.

UNPL1199 --INTRODUCTION TO SOFTWARE-- - A VIDEOTAPE COURSE
ROSIN, R. F.
TM 77-3233-9 OCTOBER 3, 1977 THIS MEMORANDUM DESCRIBES THE CONTEXT IN WHICH LECTURES OF 32 HOURS
WERE PREPARED AND SUGGESTED WAYS IN WHICH VIDEOTAPES AND ASSOCIATED COMPUTER FILES MIGHT BE USED IN
FUTURE COURSES.

UNPL1200 INTERACTIVE GRAPHICS SYSTEM FOR A UNIX ENVIRONMENT
JACKSON, J. M.
TM 77-5221-2 SEPTEMBER 29, 1977 THIS MEMORANDUM DESCRIBES A SYSTEM OF INTERACTIVE GRAPHIC
SUBROUTINES WHICH HAS BEEN IMPLEMENTED UNDER THE UNIX TIME-SHARING SYSTEM.

UNPL1203 INTER-UNIX PORTABILITY
LYON, T. L. + RITCHIE, D. M.
TM 77-1273-13 SEPTEMBER 16, 1977 THIS PAPER GIVES DETAILS OF PROBLEMS ENCOUNTERED IN PORTING
PROGRAMS, GUIDELINES FOR WRITING OR REWRITING PROGRAMS TO BE PORTABLE, AND SOME STATISTICS ABOUT THE
ADVANTAGES AND DISADVANTAGES OF PORTABLE PROGRAMMING. SEE ALSO UNPL(1204).

UNPL1204 C LANGUAGE PORTABILITY
TACUE, B. A. + HAIGHT, R. C.
SEPTEMBER 22, 1977 THIS PAPER CONSISTS OF 3 ATTACHMENTS (I) LIBRARY ROUTINES, (II) A STYLE SHEET FOR
C PROGRAMMING, ISSUE 1 UNPL(1143) AND (III) INTER- UNIX PORTABILITY UNPL(1203).

UNPL1206 AWK - A PATTERN SCANNING AND PROCESSING LANGUAGE (SECOND EDIT
AHG, A. V. + KERNIGHAN, B. W. + WEINBERGER, P. J.
TM 78-1271-12, TM 78-1273-6 SEPTEMBER 1, 1978 AWK IS A PROGRAMMING LANGUAGE DESIGNED TO SOLVE SOME
COMMON INFORMATION RETRIEVAL PROBLEMS. THIS MEMORANDUM SUPERSEDES TM 77-1271-6 DATED SEPTEMBER 8,
1977.

UNPL1207 THE C LANGUAGE CALLING SEQUENCE
JOHNSON, S. C. + RITCHIE, D. M. + LESK, M. B.
TM 77-1273-15, TM 77-1274-13 SEPTEMBER 28, 1977 THIS DOCUMENT ATTEMPTS TO SET FORTH THE MAJOR
ISSUES, AND DISCUSSES EXPERIENCE WITH THE PDP-11, CROS, AND IBM C ENVIRONMENTS. AN APPENDIX
DISCUSSES THE CALLING SEQUENCE FOR THE INTERDATA 8/32 C COMPILER.

UNPL1208 CHARACTER STRING MANIPULATION IN THE C LANGUAGE
CARR, R. G.
OCTOBER 31, 1977 5161-771031.01EN THIS DOCUMENT DESCRIBES THE C LANGUAGE FEATURES AND THE AVAILABLE
SUBROUTINES. IT IS INTENDED TO COMPLEMENT THE C TUTORIAL UNPL(1001) WITH EMPHASIS ON STRINGS.

UNPL1211 STRING MANIPULATION AND CONVERSION LIBRARY FOR SWITCHING CONTROL CENTER
HOGLST, B. C.
TM 77-5222-2 OCTOBER 20, 1977 THIS LIBRARY PROVIDES A NUMBER OF BASIC MECHANISMS FOR IMPLEMENTATION
OF COMPLEX STRING FORMATTING TASKS FROM C PROGRAMS.

"UNPL - PROGRAMMING LANGUAGES"

UNPL1220 MICA - A GENERAL PURPOSE MICROASSEMBLER: FUNCTIONAL SPECIFICATION/USER'S MANUAL - ISSUE II
NG, S. W.
TM 77-5514-2 NOVEMBER 15, 1977 MICA IS A UNIX BASED PROGRAM WRITTEN IN C. IT COMBINES THE SALIENT FEATURES OF SEVERAL COMMERCIALLY AVAILABLE MICROASSEMBLERS SUCH AS ANDASM AND RAPID, AND ALSO PROVIDES FEATURES NOT AVAILABLE ELSEWHERE.

UNPL1221 MAC-8 ASSEMBLY LANGUAGE PROGRAMMING MANUAL
ANGELO, J.
DECEMBER 8, 1977 PART 1 OF THIS MANUAL GIVES AN INTRODUCTION TO PROGRAMMING MAC-8 IN ASSEMBLY LANGUAGE. PART 2 IS WRITTEN FOR PEOPLE WHO HAVE REACHED THE INTERMEDIATE ABILITY TO PROGRAM MICROPROCESSORS.

UNPL1225 ASSEMBLER FOR THE DEC KMC11 MICROPROCESSOR
WEHR, L. A.
TM 77-6234-22 NOVEMBER 15, 1977 THIS DOCUMENT IS A REFERENCE MANUAL FOR AN ASSEMBLER FOR THE DEC KMC11 MICROPROCESSOR. IT DESCRIBES THE USAGE, INPUT SYNTAX, AND OUTPUT FORMAT O

UNPL1228 EXTENDED SHELL - A POTENTIAL REAL TIME INTERPRETER
KOLETTIS, N. J.
TM 77-4145-01 OCTOBER 25, 1977 THE EXTENDED SHELL HAS THE POTENTIAL OF A GENUINE REAL TIME INTERPRETER THAT CAN BE USED TO FASHION SHELL PROCEDURES IN REAL TIME ENVIRONMENTS WHICH ESSENTIALLY AS FAST AS C PROGRAMS AND ARE VERY SIMPLE TO WRITE AND MAINTAIN.

UNPL1229 GUIDELINES FOR C COMPILER DISTRIBUTION
OLSSON, S. B.
TM 78-6234-2 JANUARY 3, 1978 THIS MEMORANDUM OUTLINES A SET OF PROCEDURES FOR C COMPILER DISTRIBUTION THAT HAS BEEN DEVELOPED IN ORDER TO MINIMIZE DISTRIBUTION, INSTALLATION AND TRANSITION PROBLEMS.

UNPL1237 A C COMPILER FOR THE SEL COMPUTER
REINDE, J. R.
TM 78-1226-1 JANUARY 13, 1978 THIS MEMORANDUM DESCRIBES THE IMPLEMENTATION PROCESS INCLUDING THE CHANGES MADE TO THE PORTABLE COMPILER AND THE CONSTRUCTION OF THE SEL C LIBRARY. IT ALSO INCLUDES A USER'S GUIDE, EXPLAINING THE USAGE AND FEATURES OF THE COMPILER.

UNPL1239 AN INTRODUCTION TO THE UNIX SHELL
BOURNE, S. R.
NOVEMBER 12, 1978 THE SHELL IS A COMMAND PROGRAMMING LANGUAGE THAT PROVIDES AN INTERFACE TO UNIX OPERATING SYSTEM. ITS FEATURES INCLUDE CONTROL FLOW PRIMITIVES, PARAMETER PASSING, VARIABLES AND STRING SUBSTITUTION.

UNPL1246 A PORTABLE FORTRAN 77 COMPILER
FELDMAN, S. I. + WEINBERGER, P. J.
AUGUST 1, 1978 THE FORTRAN LANGUAGE HAS JUST BEEN REVISED, AND A NEW STANDARD FOR THE LANGUAGE, KNOWN AS --FORTRAN 77''. THIS PAPER DESCRIBES THE LANGUAGE COMPILED, INTERFACES BETWEEN PROCEDURES, AND FILE FORMATS ASSUMED BY THE I/O SYSTEM. AN APPENDIX DESCRIBES THE FORTRAN 77 LANGUAGE.

UNPL1249 A VERSION OF RATFOR FOR THE PDP-11'S RT-11 OPERATING SYSTEM
MAYBACH, R. L.
TM 78-4392-2 MAY 10, 1978 THIS MEMO DESCRIBES THE INPUT/OUTPUT ROUTINES AND THE RT-11 VERSION OF RATFOR.

UNPL1250 8080/280 ASSEMBLER REFERENCE MANUAL
VOGEL, G. C.
TM 78-6234-6 MARCH 21, 1978 THIS DOCUMENT IS THE REFERENCE MANUAL FOR AS80, AN ASSEMBLER FOR THE INTEL 8080 AND ZILLC 280 MICROPROCESSORS. IT DESCRIBES THE USAGE, INPUT SYNTAX AND OUTPUT FORMAT OF AS80. THIS ASSEMBLER IS WRITTEN IN C AND RUNS UNDER THE UNIX OPERATING SYSTEM. THIS DOCUMENT SUPERSEDES PREVIOUS AS80 DOCUMENTATION.

UNPL1260 COMMND -- A ROUTINE TO HANDLE COMMAND LINE PARSING
UMLIR, S. A.
TM 78-3231-1 MAY 10, 1978 COMMND IS DESIGNED TO PROVIDE A UNIFORM METHOD FOR PARSING COMMAND LINES FROM THE TERMINAL. IT FREES THE PROGRAMMER FROM THE PROBLEMS INVOLVED IN DEALING WITH COMMAND INPUT, AND ALLOWS HIM TO CONCENTRATE ON THE APPLICATION.

UNPL1267 A C LIBRARY PERFORMANCE PROBLEM
KONIG, A.
MF 78-8234-61 JUNE 8, 1978 MOST OF THE COMMANDS IN UNIX ARE WRITTEN AS C PROGRAMS. MOST OF THESE PROGRAMS, IN TURN, ARE BEING REWRITTEN TO USE RITCHIE'S INPUT-OUTPUT LIBRARY. ONE CHARACTERISTIC OF THIS LIBRARY IS THAT IT DOES NOT NORMALLY BUFFER THE STANDARD OUTPUT OF A PROGRAM WHEN THAT FILE IS DIRECTED TO A TERMINAL. WE SHOW THAT THIS CAUSES A SIGNIFICANT PERFORMANCE DEGRADATION AND POINT OUT SOME WAYS TO ALLEVIATE THE PROBLEM.

UNPL1268 VARIABLE LENGTH ARGUMENT LISTS IN C
KONIG, A.
MF 78-6234-64 JUNE 12, 1978 A MAJOR PROBLEM WITH THE C LANGUAGE IS THAT PRINTF CANNOT BE WRITTEN IN C. THIS IS BECAUSE DIFFERENT INVOCATIONS OF PRINTF MAY APPEAR WITH DIFFERENT NUMBERS OF ARGUMENTS, AND THE SAME ARGUMENT POSITION MAY BE OCCUPIED BY ARGUMENTS OF DIFFERENT TYPES FROM ONE INVOCATION TO ANOTHER. THIS PAPER DESCRIBES AN INTERFACE TO VARIABLE LENGTH ARGUMENT LISTS.

UNPL1269 ON UNDERSTANDING THE SUPPORT OF THE PORTABLE C COMPILER
MARANZANO, J. F.
MF 78-6234-48 APRIL 26, 1978 IN ORDER TO UNDERSTAND HOW TO SUPPORT THE PORTABLE C COMPILER, IT IS IMPORTANT TO KNOW THE FUNCTIONS OF THE VARIOUS PIECES AND THE PROCESS OF BUILDING A C COMPILER FOR SOME MACHINE. THIS MEMORANDUM TRIES TO EXPLAIN THESE PIECES IN A HIGH LEVEL FUNCTIONAL WAY WITHOUT GETTING INTO TOO MUCH DETAIL.

UNPL1271 PARSE() - A C LANGUAGE ROUTINE TO PARSE A STRING INTO WORDS
FREEMAN, R. B.
PROGRAMMER'S NOTES JUNE 15, 1978 THESE NOTES DOCUMENT PARSE(), A C LANGUAGE ROUTINE THAT PARSES AN INPUT STRING AND RETURNS THE WORDS AND THE NUMBER OF WORDS IN THE STRING.

UNPL1323 CHANGES IN THE C ENVIRONMENT FOR UNIX/TS EDITION 1.0
KONIG, A.
MF 78-6234-64 SEPTEMBER 27, 1978 THIS DOCUMENT DESCRIBES DIFFERENCES USERS MAY ENCOUNTER WHEN CHANGING TO U FROM THE LAST RELEASE OF THE C COMPILER SHIPPED FOR GENERIC 3.

"UNPL - PROGRAMMING LANGUAGES"

UNPL1348 SUPPORT FOR C ON IBM COMPUTERS
GRAMPP, F. T.
JANUARY 25, 1979

UNPL1353 SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 0: PRELUDE
SETHI, R.
TM 79-1271-2 JANUARY 2, 1979 IN THIS PAPER, A VERY SIMPLE LANGUAGE WITH ASSIGNMENTS AND WHILE LOOPS ARE USED TO ILLUSTRATE THE SEMANTIC METHOD. SEE ALSO UNPL(1353) + UNPL(1427)

UNPL1354 IMPLEMENTATION OF A PORTABLE FORTRAN 77 COMPILER USING MODERN
FELDMAN, S. I.
TM 79-1271-1 FEBRUARY 1, 1979 THIS PAPER DISCUSSES THE APPROACH TAKEN, THE WAYS IN WHICH THE TOOLS HAD TO BE SENT TO DO THE JOB, THE PROPERTIES OF FORTRAN THAT SEEM TO CAUSE THE MOST TROUBLE, AND THE COST OF WRITING A PORTABLE COMPILER.

UNPL1356 INDIAN HILL C STYLE AND CODING STANDARDS
AL, L. W. CANNON, ET
TM 78-5512-1, TM 78-5514-1, TM 78-5522-3, TM 78-5528-1, TM 78-5521-3 MARC THIS DOCUMENT IS A RESULT OF A COMMITTEE FORMED AT INDIAN HILL TO ESTABLISH SET OF CODING STANDARDS AND RECOMMENDATIONS FOR THE INDIAN HILL COMMUNITY.

UNPL1376 SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 1: STATEMENTS
SETHI, R.
TM 79-1271-4 FEBRUARY 2, 1979 THIS IS ONE OF A SERIES OF PAPERS DEFINING THE SEMANTICS OF THE C PROGRAMMING LANGUAGE. IT PROVIDES A BRIEF INTRODUCTION TO THE SEMANTIC METHOD, AND SEM STATEMENTS ARE GIVEN. SEE ALSO UNPL(1353) + UNPL(1427)

UNPL1377 AN INTERACTIVE INTERFACE FOR C LANGUAGE PROGRAMS
RADNIK, M. K.
TM 79-6224-2 MARCH 14, 1979 THIS MEMORANDUM DESCRIBES AND ILLUSTRATES HOW TO USE A SET OF C LANGUAGE I/O ROUTINES AND PARSING ROUTINES WHICH MAY SERVE DIVERSE PROGRAMMING SYSTEMS HAVING THE COMMON NEED FOR A SOPHISTICATED DIALOGUE OR USER INTERFACE.

UNPL1384 MACROS FOR ANALYZING C PROGRAM ARGUMENTS
LIONS, J.
JUNE 28, 1979 THIS PAPER DESCRIBES TWO SETS OF MACROS FOR USE IN THE ANALYSIS OF THE ARG TO C PROGRAMS. THE ADVANTAGE OF THEIR USE SHOULD BE A CONSIDERABLE REDUCTION OF PROGRAMMER EFFORT AND IMPROVED COMPREHENSIBILITY OF PROGRAMS.

UNPL1388 C LANGUAGE ROUTINES FOR MULTI-THREAD COMPUTATIONS
FRASER, A. G.
TM 79-1273-4 MAY 7, 1979 THIS MEMORANDUM DESCRIBES SUBROUTINES WHICH PROVIDE THE BASIC MECHANISMS NEEDED TO SUPPORT MULTIPLE TASKS WITHIN ONE C LANGUAGE PROGRAM.

UNPL1408 A TOUR THROUGH THE UNIX C COMPILER
RITCHIE, D. M.
JANUARY 1979

UNPL1409 A TOUR THROUGH THE PORTABLE C COMPILER
JOHNSON, S. C.
JANUARY 1979

UNPL1410 THE PROGRAMMING LANGUAGE EPL
FELDMAN, S. I.
TM 79-1273-6 JUNE 4, 1979 THIS PAPER DESCRIBES EPL, A CLEAN, GENERAL PURPOSE COMPUTER LANGUAGE INTENDED TO ENCOURAGE PORTABLE PROGRAMMING.

UNPL1413 SDMP - A DEBUGGING AID FOR UNIX C PROGRAMMERS
GLASSER, A. L.
MF 79-3116-8 JUNE 28, 1979 THIS MEMORANDUM DESCRIBES A TOOL THAT PROVIDES THE UNIX C PROGRAMMER ACCESS TO STRUCTURE SYMBOLS WITH ADB.

UNPL1426 CQ - A PROGRAM FOR TESTING C COMPILERS
GRAMPP, F. T.
TM 79-2824-3 MAY 14, 1979 CQ IS A C PROGRAM THAT PERFORMS A COARSE CHECK ON THE QUALITY OF A C COMPILER BY COMPARING THE BEHAVIOR OF THE COMPILER TO THAT WHICH IS ADVERTISED IN THE C REFERENCE MANUAL. THIS MEMORANDUM DESCRIBES CQ FROM A DESIGNER'S POINT OF VIEW.

UNPL1427 SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 2: DECLARATIONS
SETHI, R.
TM 79-1271-6 MARCH 2, 1979 SEE ALSO UNPL(1353) + UNPL(1376)

UNPL1430 THE SECOND PASS OF THE PORTABLE C COMPILER
LIONS, J.
JUNE 1979 THIS DOCUMENT ATTEMPTS A DETAILED EXAMINATION OF THE SOURCE CODE FOR THE SECOND PASS OF THE PORTABLE C COMPILER.

UNPL1446 A GUIDE TO THE C LIBRARY FOR UNIX USERS
PEREZ, C. O.
AUGUST 18, 1979 THIS PAPER DESCRIBES SOME COMMONLY USED FUNCTIONS OF THE C LIBRARY.

UNPL1462 USING A COMMAND LANGUAGE AS THE PRIMARY PROGRAMMING TOOL
DOLOTTA, T. A. + MASHEY, J. R.
TM 79-3624-2, TM 79-9322-1 AUGUST 15, 1979 IN THIS PAPER, A BRIEF DISCUSSION OF THE CAPABILITIES AND EVOLUTION OF THE SHELL IS FOLLOWED BY AN ANALYSIS OF PATTERNS OF SHELL USAGE BY PEOPLE WHO USE THE "PROGRAMMER'S WORKBENCH" VERSION OF THE UNIX SYSTEM IN A VARIETY OF WORK ENVIRONMENTS.

UNPL1465 A COMPARISON OF THE PROGRAMMING LANGUAGES C AND PASCAL - PART ONE: LANGUAGE CONCEPTS
FEUER, A. R. + GEHANI, N. H.
TM 79-3782-7 SEPTEMBER 12, 1979 THIS IS THE FIRST OF TWO PAPERS COMPARING THE PROGRAMMING LANGUAGES C AND PASCAL. IT PROVIDES A BASIS ON WHICH TO MAKE A SELECTION BETWEEN C AND PASCAL FOR A PARTICULAR APPLICATION.

"UNPL - PROGRAMMING LANGUAGES"

UNPL1467 CHANGES TO C AND THE PORTABLE C COMPILER - ISSUE 1
ROWLAND, B. R.
OCTOBER 2, 1979 THIS DOCUMENT IS THE FIRST IN WHAT WILL BECOME A SERIES OF NOTIFICATIONS TO IMPLEMENTORS OF A VERSION OF THE PORTABLE C COMPILER IN BELL LABORATORIES.

UNPL1468 SE - A STRUCTURE EDITOR PROGRAM FOR ACCESSING C PROGRAM STRUCTURES
FARCO, P. A.
TM 79-5354-2 SEPTEMBER 17, 1979 THIS MEMORANDUM DESCRIBES A PROGRAM WHICH USES THE STANDARD UNIX EDITOR TO CREATE AND MODIFY C PROGRAM STRUCTURE DATA. THE STRUCTURE EDITOR (SE) PERFORMS VARIOUS DATA BASE MANAGEMENT FUNCTIONS ON A STRUCTURE FILE.

UNPL1469 THOUGHTS ON DEBUGGING C PROGRAMS
KOBNIC, A.
DECEMBER 6, 1979 SOME C PROGRAMS VIOLATE LANGUAGE RULES IN WAYS THAT CAN ONLY BE DETECTED DURING EXECUTION. THIS DOCUMENT GIVES EXAMPLES OF THESE ERRORS AND DISCUSSES DESIGN ALTERNATIVES FOR A C IMPLEMENTATION CAPABLE OF DETECTING THEM.

UNPL1498 RECENT CHANGES TO C
ROWLAND, B. R.
TM 79-3621-2 OCTOBER 2, 1979 THIS MEMO DESCRIBES RECENT ENHANCEMENTS TO THE C LANGUAGE THAT ARE NOT CURRENTLY DOCUMENTED.

UNPL1510 THE DESIGN OF A PORTABLE POST-COMPILe CODE IMPROVER FOR THE PORTABLE C COMPILER
POPLAWSKI, D. A.
TM 79-3621-1 OCTOBER 1, 1979 THIS MEMORANDUM DESCRIBES THE DESIGN PHILOSOPHY OF A PORTABLE POST-COMPILe CODE IMPROVER FOR USE PRIMARILY WITH THE PORTABLE C COMPILER (PCC).

UNPL1512 BITE USERS GUIDE
HAWKINS, J. P.
TM 79-2425-4 OCTOBER 8, 1979 THIS MEMO DESCRIBES THE SYNTAX OF THE LANGUAGE, THE MODES OF OPERATION OF THE INTERPRETER, DESCRIBES USEFUL PROGRAMMING TECHNIQUES, AND SHOWS SEVERAL EXAMPLES.

UNPL1530 DOC: A DIALECT OF THE PROGRAMMING LANGUAGE C
SHARMA, D. K.
TM 80-1359-2 FEBRUARY 14, 1980 THIS PAPER DESCRIBES THE PROGRAMMING LANGUAGE DOC, A DIALECT OF C. IT ALSO CONTAINS THE MANUAL PAGES FOR THE PREPROCESSOR, THE COMMAND TO COMPILE AND LINK DOC PROGRAMS, AND THE FILTER PROGRAM TO UNDERLINE DOC KEYWORDS.

UNPL1531 A MACROASSEMBLER FOR AN ARRAY PROCESSOR
BURIC, M. R.
TM 80-1356-1 JANUARY 10, 1980 THIS REPORT DESCRIBES A HIGH LEVEL ASSEMBLY LANGUAGE FOR THE PROCESSOR, AND SERVES AS USER'S GUIDE FOR THE ASSEMBLER.

UNPL1532 APARSE: AN ATTRIBUTED LL(1) COMPILER GENERATOR
MILTON, D. R.
TM 80-3641-2 JANUARY 18, 1980 A COMPLETE DESCRIPTION OF APARSE, A FLEXIBLE AND MODULAR SYSTEM FOR GENERATING ONE-PASS COMPILERS FROM ATTRIBUTED GRAMMAR SPECIFICATIONS.

UNPL1533 CLASSES: AN ABSTRACT DATA TYPE FACILITY FOR THE C LANGUAGE
STROUSTRUP, B.
TM 80-1273-2 JANUARY 19, 1980 LANGUAGE CONSTRUCTS FOR DEFINITION AND USE OF ABSTRACT DATA TYPES EASE THE DESIGN AND MAINTENANCE OF LARGE PROGRAMS. THIS PAPER DESCRIBES THE C CLASS CONCEPT, AN EXTENSION TO THE C LANGUAGE PROVIDING SUCH CONSTRUCTS.

UNPL1537 A COMPARISON OF THE PROGRAMMING LANGUAGES C AND PASCAL - PART TWO: PROGRAM PROPERTIES AND PROGRAMMING DOMAINS
GEHANI, N. M. + FEUER, A. R.
TM 80-3633-1 FEBRUARY 15, 1980 THIS IS THE SECOND OF TWO PAPERS COMPARING THE PROGRAMMING LANGUAGES C AND PASCAL. THE FIRST PAPER COMPARED THE TWO LANGUAGES ON THE BASIS OF LANGUAGE CONCEPTS. THIS PAPER DISCUSSES THE RAMIFICATIONS OF THE C AND PASCAL LANGUAGE CONCEPTS ON PROGRAM PROPERTIES AND THEIR SUITABILITY FOR VARIOUS PROGRAMMING DOMAINS. SEE ALSO UNPL(1468)

UNPL1538 PDDP - A DEBUGGING AID
CRISTOFOR, E.
APRIL 1, 1980 THIS MEMORANDUM DESCRIBES THE PSEUDO DYNAMIC DEBUGGING PACKAGE (PDDP) THAT PROVIDES SELECTIVE TRACING AT RUN TIME.

UNPL1543 BEAUTIFYING C CODE
CHERRY, L.
TM 80-1271-4 APRIL 15, 1980 THIS PAPER DISCUSSES COMMON LAYOUT CONVENTIONS FOR C CODE, DESIGN CRITERIA FOR THE BEAUTIFIER, AND HOW IT WORKS.

UNPL1569 THE PRINTF FAMILY
KGENIC, ANDREW
TM 80-3644-2 APRIL 25, 1980 THIS MEMORANDUM IS A DESCRIPTION OF THE PRINTF, FPRINTF, AND SPRINTF FUNCTIONS IN THE C STANDARD LIBRARY.

UNPL1580 A SET OF C CLASSES FOR CO-ROUTINE STYLE PROGRAMMING
STROUSTRUP, Bjarne
TM 80-1273-4 MAY 6, 1980 THIS MEMORANDUM DESCRIBES C CLASSES FOR A RANGE OF STYLES OF MULTIPROGRAMMING TECHNIQUES IN A SINGLE LANGUAGE, SINGLE ADDRESS-SPACE ENVIRONMENT.

UNPL1586 "C" IMPORT/EXPORT USER'S GUIDE
KIRCHHOFF, L. W.
TM 80-3645-2 JUNE 9, 1980 THIS MEMORANDUM DESCRIBES AN EXTENSION TO THE C LANGUAGE, CALLED IMPORT/EX THAT FACILITATES THE SPECIFICATION AND MANAGEMENT OF THESE INTERFACES.

UNPL1584 DMAN: A DATA MANIPULATION LANGUAGE
CYKIERT, H. W. + WILL, M.
TM 80-9281-3 AUGUST 26, 1980 DESCRIBES DMAN, A DATA MANIPULATION LANGUAGE DESIGNED TO EXTRACT AND MODIFY DATA IN ARBITRARILY ORGANIZED UNIX FILES.

UNPL1589 GENERAL-PURPOSE, REAL-TIME TEST SOFTWARE PACKAGE
AAGESEN, JOHN
TM 80-4583-3 SEPTEMBER 26, 1980 THIS MEMORANDUM DISCUSSES A SUPERVISORY COMMAND LANGUAGE, SCOAL, WHICH SERVES AS A VEHICLE FOR TESTING.

"UNPL - PROGRAMMING LANGUAGES"

UNPL1599 A C PROFILER FOR TEST CASE VERIFICATION
LESK, MICHAEL
TM 80-1274-8 SEPTEMBER 25, 1980 THIS MEMORANDUM DESCRIBES THE COMMANDS VCC AND VCP WHICH DO C STATEMENT PROFILING BY INSERTING EXTRA STATEMENTS TO KEEP TRACK OF EXECUTION FLOW.

UNPL1624 A CHARACTER STRING SWITCH STATEMENT FOR THE C LANGUAGE
BIANCHI, M. M.
TM 80-9322-3 NOVEMBER 5, 1980 SWITCH IS A MODEST, BUT EFFECTIVE, IMPLEMENTATION OF A CASE-CONSTRUCT FOR CHARACTER STRINGS IN C.

UNPL1625 UNIX ASSEMBLER REFERENCE MANUAL FOR THE VAX 11/780
FRASER, C. M.
THIS DOCUMENT DESCRIBES THE USAGE AND INPUT SYNTAX OF THE UNIX VAX-11 ASSEMBLER AS.

UNPL1685 EXTENSIONS OF THE C LANGUAGE TYPE CONCEPT
STRUSTRUP, B.
TM 81-11273-1 JANUARY 5, 1981 THIS MEMO DESCRIBES EXTENSIONS ADDED TO IMPROVE THE TYPE CHECKING OF MULTI-SOURCE-FILE C PROGRAMS, AND TO ALLOW A MORE PRECISE STATEMENT OF THE STRUCTURE OF THE PROGRAM.

UNPL1686 ARGOPEN: A FUNCTION FOR HANDLING FILE ARGUMENTS
BIANCHI, M. M.
TM 81-93322-1 FEBRUARY 2, 1981 ARGOPEN PROVIDES A METHOD OF HANDLING FILE ARGUMENTS IN UNIX COMMANDS CONSISTENT WITH THE MOST COMMON USAGE.

UNPL1677 THE FACS EXECUTION ENVIRONMENT SHELL
CARFAGNO, J. A.
TM 81-59332-1 JANUARY 22, 1981 THIS MEMO DESCRIBES THE FEW DIFFERENCES BETWEEN THE UNIX SHELL AND THE SHELL AVAILABLE IN THE EXECUTION ENVIRONMENT, REFERRED TO AS THE FEE SHELL.

UNPL1678 MICROCODING THE VAX 11/780 USER-WRITABLE CONTROL STORE
HARDIN, R. H.
TM 81-59473-2 MARCH 6, 1981 THIS MEMORANDUM DESCRIBES BOTH THE MATERIAL AND MORAL ASPECTS OF MICROCODING, ADDING SOME CRITICAL SPECULATIONS ABOUT PRINCIPLES OF GOOD PROGRAMMING THAT ARE SUGGESTED BY MICROCODE.

UNPL1679 PARSER: AN EXTENSIBLE, SELF DOCUMENTING, HIGHLY INTERACTIVE, MENU- AND SHELL-LIKE INTERFACE FOR NOVICE AND EXPERT USERS
BLEVETT, C. D. + RADER, G. M.
TM 81-43242-3, TM 81-43243-2 MARCH 18, 1981 THIS PAPER PRESENTS A PROGRAM CALLED THE PARSER WHICH CAN BE USED AS THE PRIMARY USER INTERFACE TO A GENERAL DATA PROCESSING FACILITY.

UNPL1680 A SET OF LIST HANDLING ROUTINES FOR C PROGRAMS
CRISTOFOR, E.
TM 81-43174-1 MARCH 24, 1981 THE ROUTINES DESCRIBED IN THIS PAPER PROVIDE A LIST HANDLING INTERFACE FOR THE C-PROGRAMMER, THUS ALLOWING LIST OPERATIONS TO BE PERFORMED IN A CONSISTENT MANNER. THIS PAPER ALSO DESCRIBES HOW THESE ROUTINES CAN BE USED AS BUILDING BLOCKS TO WRITE HIGHER LEVEL ROUTINES.

UNPL1681 BRAVISH: A MULTI-TASKING FACILITY FOR THE C-LANGUAGE
, W. L. BAIN, JR.
THIS MEMORANDUM PRESENTS A MULTI-TASKING FACILITY FOR THE C LANGUAGE CALLED BRAVISH.

UNPL1683 CREATING C TYPES
OSTBY, E. F.
TM 81-43491-1 JANUARY 28, 1981 THIS PAPER DESCRIBES A PROGRAM THAT WILL CREATE THE PROPER C TYPE DECLARATION, GIVEN A VERBAL DESCRIPTION OF THE IDENTIFIER TO BE PRODUCED. IT ALSO DESCRIBES A PROGRAM WHICH DOES THE INVERSE: GIVEN A C TYPE DECLARATION, THIS PROGRAM WILL PRODUCE A STATEMENT IN ENGLISH DESCRIBING THE VARIABLE.

UNPL1719 CROSS ASSEMBLER DESIGN ON UNIX (COMMON FUNCTIONS)
MULROONEY, T. J.
TM 81-52211-6 JUNE 19, 1981 THIS REPORT IS ONE OF TWO THAT DESCRIBE THE INTERNAL DETAILS OF A SET OF CROSS ASSEMBLERS ON UNIX. SEE ALSO UNPL(1720)

UNPL1720 CROSS ASSEMBLER DESIGN ON UNIX (UNIQUE FUNCTIONS)
MULROONEY, T. J.
TM 81-52211-5 JUNE 19, 1981 THIS REPORT IS THE SECOND PART OF A TWO PART DESCRIPTION OF THE INTERNAL DETAILS OF THE SET OF CROSS ASSEMBLERS EXISTING ON UNIX. SEE ALSO UNPL(1719)

UNPL1721 INTRODUCTION TO THE PRINTF FAMILY
KOENIG, A.
TM 81-11274-8 JULY 10, 1981 THIS MEMORANDUM IS A TUTORIAL DESCRIPTION OF THE PRINTF, FPRINTF, AND SPRINTF FUNCTIONS IN THE C STANDARD LIBRARY. IT ASSUMES SOME FAMILIARITY WITH THE C LANGUAGE. SEE ALSO UNPL(1722)

UNPL1722 SPECIFICATIONS FOR THE PRINTF FAMILY
KOENIG, A.
TM 81-11274-7 JULY 20, 1981 THIS MEMORANDUM CONTAINS FORMAL SPECIFICATIONS OF THE PRINTF, FPRINTF, AND SPRINTF FUNCTIONS IN THE C STANDARD LIBRARY, AND THE C SOURCE TEXT OF A WELL DEBUGGED, PORTABLE IMPLEMENTATION. THIS DOCUMENT ASSUMES A THOROUGH KNOWLEDGE OF THE C LANGUAGE AND SOME PREVIOUS EXPERIENCE IN DEALING WITH FORMAL SPECIFICATIONS OF PROGRAMMING LANGUAGES. SEE ALSO UNPL(1721)

UNPL1723 SANLANG - A LANGUAGE FOR CHECKING DATA CONSISTENCY
KORN, D. G. + ZERINGUE, C. J.
TM 81-59234-2 JULY 1, 1981 THIS MEMO DESCRIBES SANLANG, A DATA VALIDATION LANGUAGE.

UNPL1724 AS86/ASZ80 - 8086/Z80 CROSS ASSEMBLER
MULROONEY, T. J.
TM 81-52211-7 JUNE 19, 1981 THIS REPORT DESCRIBES THE OPERATION OF TWO CROSS ASSEMBLERS ON UNIX FOR THE INTEL 8086 AND ZILOG Z80 MICROPROCESSORS. THE USAGE, ADVANTAGES, AND DISADVANTAGES OF AS86 ARE DESCRIBED ALONG WITH PROGRAMMING EXAMPLES FOR BOTH CROSS ASSEMBLERS.

"UNPL - PROGRAMMING LANGUAGES"

UNPL1728

RELATIONAL QUERIES ON HIERARCHICAL DATA - AN EXPERIMENT
GANSNER, E. - MORGAN, J. R. - KINTALA, C. M. R. - MOORE, D. J. - SURKO, P.
TM 81-59545-2 JUNE 8, 1981 THIS PAPER GIVES AN OVERVIEW OF HISEL, AN EXPERIMENT IN HIGH-LEVEL,
NAVIGATION-FREE QUERY LANGUAGES FOR NAVIGATIONAL DATA BASES. HISEL IS A RELATIONAL QUERY LANGUAGE FOR
THE HIERARCHICAL DATA BASE SYSTEM HI.

UNPL1730

HISEL USER'S GUIDE
MORGAN, E. GANSNER J. R. - KINTALA, C. M. R. - MOORE, D. J. - SURKO, P.
TM 81-59545-7 AUGUST 10, 1981 THIS MEMORANDUM DESCRIBES HOW TO USE HISEL, A RELATIONAL,
NAVIGATION-FREE QUERY LANGUAGE FOR THE HIERARCHICAL DATABASE SYSTEM HI ON UNIX. A SIMPLE TUTORIAL
INTRODUCTION IS GIVEN, FOLLOWED BY A COMPLETE DESCRIPTION OF THE HISEL LANGUAGE QUERY FEATURES, UPDATE
CAPABILITIES, AND INPUT-OUTPUT. AN EXTENDED-BNF DESCRIPTION OF THE LANGUAGE IS ALSO GIVEN.

"UNPM - UNIX USER'S MANUALS"

UNPM1021 UNIX REFERENCE CARD - SECOND EDITION
CHERRY, L. L.
MARCH 1979 A HANDY GUIDE TO UNIX COMMANDS AND SYNTAX.

UNPM1073 UNIX PROGRAMMING - SECOND EDITION
KERNIGHAN, B. W. - RITCHIE, D. M.
OCTOBER 26, 1979 THIS PAPER IS AN INTRODUCTION TO PROGRAMMING ON UNIX. THE EMPHASIS IS ON HOW TO WRITE PROGRAMS THAT INTERFACE TO THE OPERATING SYSTEM.

UNPM1107 PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING.
(G.4)
, T. A. DOLOTTA, ET AL.
FOR COMPLETE INFORMATION, SEE UNED (G.4)

UNPM1110 INSTRUCTIONS FOR GRAPH, TEK, TEKSTARE AND CSIP GRAPHICS PACKAGES.
STORN, A. R.
TM 78-1527-35 JUNE 30, 1978

UNPM1178 QUEST ADMINISTRATION HANDBOOK
ALBRECHT, E. H.
AUGUST 24, 1977 5161-770824.02 MF THE PURPOSE OF THIS MEMORANDUM IS TO PROVIDE THE BACKGROUND INFORMATION NEEDED TO ADMINISTER THE QUEST SYSTEM.

UNPM1224 8080 SIMULATOR (ISOSIM) USER MANUAL
HOFMANN, B. B.
TM 77-2265-8 NOVEMBER 1, 1977 THIS MEMORANDUM TAKES THE USER THRU ALL COMMANDS AND FEATURES OF ISOSIM, AND PROVIDES A SUMMARY AT THE END.

UNPM1402 UNIX/32V TIME-SHARING SYSTEM: UNIX PROGRAMMER'S MANUAL, VERSION 1.0, VOLUME 1
LABORATORIES, BELL
FEBRUARY 1979 CONTAINS DESCRIPTIONS OF THE USE OF ALL COMMANDS AND CALLS OF THE UNIX/32V SYSTEM.

UNPM1440 UNIX/TS USER'S MANUAL - EDITION 1.1
3624, DEPARTMENT
JANUARY 1979 THIS MANUAL DESCRIBES THE FEATURES OF UNIX/TS.

"UNPMGS"

UNPM1088

UNIX PROGRAMMER'S MANUAL - PG-1C300 ISSUE 3
LABORATORIES, BELL
PUBLISHED BY THE UNIX SUPPORT GROUP (USG) FEBRUARY, 1977 CONTAINS DESCRIPTIONS OF THE USE OF ALL
COMMANDS AND SYSTEM CALLS.

"UNPMSFT"

UNPM1070 UNIX/RT USER'S MANUAL - RELEASE 1
LABORATORIES, BELL
MARCH 1979 THIS MANUAL DESCRIBES THE FEATURES OF UNIX/TS AND UNIX/RT. UNIX/RT SUPersedes MERT RELEASE
0.

"PWB/UNIX"

PWB/1407

PWB/UNIX USER'S MANUAL - RELEASE 2.0
3782, DEPARTMENT
JUNE 1979 DESCRIBES ALL COMMANDS, SUBROUTINES, AND SYSTEM CALLS OF THE PWB (PROGRAMMER'S WORKBENCH)
VERSION OF UNIX FROM DIVISION 37 (PV). MAINTENANCE FOR THIS DOCUMENT IS DISTRIBUTED BY THE COMPUTING
INFORMATION LIBRARIES USING SPECIFIC CODES FOR SPECIFIC MACHINES.

"UNPMRS"

UNPM1014- UNIX PROGRAMMER'S MANUAL - SIXTH EDITION
THOMPSON, K. - RITCHIE, D. M.
MAY, 1975 CONTAINS DESCRIPTIONS OF THE USE OF ALL COMMANDS AND CALLS ON THE "RESEARCH" VERSION OF
UNIX.

UNPM1400 UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUME 1
LABORATORIES, BELL
JANUARY 1979 CONTAINS DESCRIPTIONS OF THE USE OF ALL COMMANDS AND CALLS ON THE "RESEARCH" VERSION OF
UNIX.

UNPM1401 UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUMES 2A & 2B
LABORATORIES, BELL
JANUARY 1979 CONTAINS DOCUMENTS FOR USE WITH THE SEVENTH EDITION OF THE "RESEARCH" VERSION OF UNIX.

"UNSA - SPECIAL APPLICATIONS"

UNSA1222 GF - A GRAPHICAL DATA ANALYSIS PROGRAM
ROBBINS, M. F.
TM 79-1131-59 NOVEMBER 12, 1979 GF IS A GENERAL PURPOSE GRAPHICAL DATA ANALYSIS PROGRAM TO BE USED WITH A TEKTRONIX 4014 TERMINAL. GF HAS BEEN REVISED AND EXPANDED AND THIS MEMORANDUM REPLACES TM 77-1131-44.

UNSA1283 COMPUTER ASSISTED COMMUNICATION SYSTEM
DORRIS, H. N. + HAGELBARGER, D. W. + SHANNON, M. J.
TM 78-1356-7, TM 78-1352-7 MAY 1, 1978 THIS MEMORANDUM DESCRIBES A CONTINUING SERIES OF EXPERIMENTS AIMED AT PROV IMPROVED COMMUNICATIONS FOR NON-VOCAL, MOTION-IMPAIRED PEOPLE.

UNSA1311 ACS LEAP USER'S GUIDE
MARIONE, J. P.
TM 78-3112-3 SEPTEMBER 25, 1978 THIS IS A MODIFIED VERSION OF LEAP WHICH WILL BE USED TO SYSTEM TEST THE ADVANCED COMMUNICATION SERVICE.

UNSA1313 BASIC-16 PROSPECTUS
SCUSSEL, C.
TM 78-2522-1 OCTOBER 6, 1978 BASIC-16 IS A C LANGUAGE SOFTWARE DEVELOPMENT SYSTEM (SDS) BEING DEVELOPED BY LABORATORY 252 FOR 16-BIT MICROPROCESSORS IN CONTROLLER APPLICATIONS.

UNSA1315 APPLICATION PLANNING GUIDE, RELEASE 0 OF BASIC-16
ARNOLD, J.
TM 78-2522-2 NOVEMBER 15, 1978 THIS PAPER DESCRIBES BASIC-16'S HARDWARE AND SOFTWARE REQUIREMENTS.

UNSA1318 PRELIMINARY REPORT ON RCMAS AND MERT PERFORMANCE PROBLEMS
HEDRICK, E. L. + RALEIGH, T. M.
OCTOBER 10, 1978 THIS MEMORANDUM SUMMARIZES THE PERFORMANCE AND RELIABILITY PROBLEMS THAT THE RECENT CHANGE MEMORY ADMINISTRATION SYSTEM EXPERIENCED AT THEIR CHICAGO FIELD SITE.

UNSA1322 FUNCTIONAL OPERATION OF THE RECENT CHANGE MEMORY ADMINISTRATI
KORN, D. G. + PILLA, M. A. + SCRIBNER, N. M. - STUCK, B. W.
FEBRUARY 1, 1979 THIS MEMO DESCRIBES THE HARDWARE AND SOFTWARE ARCHITECTURE, AS WELL AS THE DATA AND CONTROL FLOW ASSOCIATED WITH PROCESSING RECENT CHANGE ORDER TRANS THE RECENT CHANGE MEMORY ADMINISTRATION SYSTEM (RCMAS) AS 1 AUGUST 1978.

UNSA1324 MODIFICATIONS TO THE TROUBLE REPORTING SYSTEM
DEAN, J.
MF 78-6234-77 AUGUST 30, 1978 THIS DOCUMENT DESCRIBES THE USAGE AND THE INTERNAL STRUCTURE OF THE NEW SYSTEM FOR TROUBLE REPORTING. SEE ALSO UNSA(1326)

UNSA1326 NEW TROUBLE REPORTING PROCEDURES
MARANZANO, J. F.
NOVEMBER 2, 1978 THIS PAPER DESCRIBES SEVERAL CHANGES WHICH HAVE BEEN MADE TO THE TROUBLE R SEE ALSO UNSA(1324)

UNSA1333 A TRAFFIC GENERATING SYSTEM
ARNOLD, S. L. - REDMAN, B. E.
TM 78-4533-1 DECEMBER 29, 1978 THE TRAFFIC GENERATING SYSTEM (TGS) PROVIDES THE ENVIRONMENT FOR MULTIPLE SIMULATION TESTING OF SLC-98. USERS MAY SPECIFY AS MANY INDEPENDENT SIMULATIONS AS MEMORY PERMIT.

UNSA1341 AN INTELLIGENT FAST COLOR DISPLAY
WESTE, N.
TM 78-1354-15 DECEMBER 29, 1978 A COLOR DISPLAY HAS BEEN BUILT PRIMARILY FOR USE IN AN INTEGRATED CIRCUIT ENVIRONMENT. THIS PAPER DOCUMENTS THE HARDWARE AND PROGRESS TO DATE.

UNSA1342 A SOFTWARE ARCHITECTURE FOR PROVIDING A GRAPHICS SYSTEM DEVELOPMENT WORKBENCH
SCHUYLER, S. T. + CHODROW, M. M.
TM 78-6254-5 DECEMBER 1, 1978 THE PURPOSE OF THIS DOCUMENT IS TO DESCRIBE THE SOFTWARE ARCHITECTURE OF THE UNIGRAPHIX SYSTEM, AND TO DISCUSS THE APPROPRIATENESS OF THIS ARCHITECTURE FOR A RANGE OF INTERACTIVE GRAPHICS APPLICATIONS.

UNSA1344 REDAS - A RELATIONAL DATA ACCESS SYSTEM FOR REAL-TIME APPLICA
MCKIMIN, J. R.
TM 78-6221-1 OCTOBER 9, 1978 REDAS IS A DATA RETRIEVAL SOFTWARE PACKAGE DESIGNED TO PROVIDE CONVENIENT TO A DATABASE CONTAINING REAL-TIME AS WELL AS MORE STATIC TYPES OF DATA.

UNSA1350 A MICRO-DBMS FOR A DISTRIBUTED DATA BASE
TING, P. D. + TSICHRITZIS, D. C.
TM 79-1712-2 JANUARY 29, 1979 THIS MEMORANDUM CONTAINS THE TEXT, SLIGHTLY REVISED AND UPDATED, OF A PAPER PUBLISHED IN THE PROCEEDINGS OF THE FOURTH INTERNATIONAL CONFERENCE ON VERY LARGE DATA BASES, WEST BERLIN, GERMANY, SEPTEMBER 13-15, 1978.

UNSA1355 REAL TIME LISTING RETRIEVAL (RTLP)/AUDIO RESPONSE UNIT (ARU) PROTOTYPE SYSTEM - PERFORMANCE MEASUREMENTS
HOOKER, J. W.
TM 79-9158-2 FEBRUARY 10, 1979 THIS PAPER DESCRIBES THE MECHANIZED DRIVER CAPABILITY AND THE METHODS USED TO OBTAIN THE MEASUREMENTS, WHICH INCLUDE CPU AND DISC UTILIZATION, SERVICE TIME, AND OVERALL RESPONSE TIME.

UNSA1357 A GENERAL PURPOSE ASSEMBLER
THOMPSON, J. S.
TM 79-1365-1 JANUARY 12, 1979 THIS PAPER DESCRIBES A GENERAL PURPOSE ASSEMBLER WHICH HAS BEEN WRITTEN TO A SYMBOLIC PROGRAMMING FACILITY FOR CUSTOM BUILT PROGRAMMABLE AND MICROPRO HARDWARE.

UNSA1362 A CAPACITY STUDY FOR THE SERVICE EVALUATION CENTER - A UNIX-BASED REAL-TIME SYSTEM
CHANG, S-J.
TM 79-6223-1 FEBRUARY 9, 1979 THIS MEMORANDUM PRESENTS A REPORT ON THE CAPACITY STUDY FOR THE SERVICE EVALUATION CENTER (SEC) WHICH IS A UNIX-BASED REAL-TIME SYSTEM.

UNSA1366 CRAFT ACCESS SYSTEM SOFTWARE STANDARDS
EVENSON, E. K. + FILDES, N. R.
TM 79-4563-1 MARCH 8, 1979 THIS MEMORANDUM CONTAINS THE PROGRAMMING STANDARDS FOR THE CRAFT ACCESS PR

"UNSA - SPECIAL APPLICATIONS"

UNSA1373 PORTING THE ADAPT DATA TRANSLATION SYSTEM TO THE IBM 370
BACH, M. J. + SMITH, B. L.
TM 79-5157-1 MARCH 8, 1979 THE ADAPT DATA TRANSLATION SYSTEM IS A HIGH-LEVEL USER-FRIENDLY SYSTEM INTENDED TO MEET MOST FILE RE-STRUCTURING REQUIREMENTS, INCLUDING THOSE INVOLVING TRANSFERS TO DIFFERENT MACHINE CONFIGURATIONS. THIS PAPER DESCRIBES THE PORTING OF THE ADAPT SYSTEM TO THE IBM 370/168 CO.

UNSA1374 A DATA-BASE MANAGEMENT SYSTEM UNDER MERT
TING, A. C.
TM 79-4145-2 APRIL 4, 1979 THIS PAPER DESCRIBES THE FEATURES OF RCDSMS(RECENT CHANGE MEMORY DATA BASE MANAGEMENT SYSTEM), A REAL-TIME DATABASE MANAGEMENT SYSTEM WRITTEN IN C UN MERT.

UNSA1378 IMPLEMENTATION OF A BOOLEAN DATA ANALYSIS TECHNIQUE FOR PWB/UX
SCHANNI, L. S.
TM 79-5441-5 MARCH 21, 1979 THIS MEMORANDUM PRESENTS THE SIMPLIFIED "POSSIBLY MEANINGFUL" RELATIONSHIPS (PMR) TECHNIQUE AND SERVES AS A USER'S GUIDE TO ITS PWB/UNIX IMPLEMENTATION.

UNSA1381 THE USC UNIX STOCKROOM
ROSENTHAL, V. H.
APRIL 23, 1979 THE USC STOCKROOM IS A FACILITY ON THE USC UNIX/TS SYSTEM THAT ALLOWS SELL LABS UNIX USERS TO OBTAIN PROGRAMS FOR INSTALLATION ON THEIR SYSTEMS. THIS PAPER DESCRIBES THE ORGANIZATION OF THE STOCKROOM AND THE COMMANDS AVAILABLE TO STOCKROOM USERS.

UNSA1383 AN INTEL COMPATIBLE 8048-49 CROSS ASSEMBLER
MULROONEY, T. J.
TM 79-2211-10 NOVEMBER 29, 1979 THIS REPORT DESCRIBES THE IMPLEMENTATION OF AN INTEL 8048-49 ASSEMBLER ON UNIX OPERATING SYSTEM. THE USAGE, ADVANTAGES, DISADVANTAGES, AND EXAMPLES.

UNSA1387 SYSTID ON F4P-UNIX - USER'S GUIDE
HASKELL, B. G. - YUE, O. C.
TM 79-1343-7 APRIL 4, 1979 A USER'S GUIDE FOR SYSTID, A SET OF PROGRAMS TO BE USED FOR SIMULATION AND TRANSIENT ANALYSIS OF LINEAR AND NON-LINEAR SYSTEMS.

UNSA1390 HI - AN INTERACTIVE HIERARCHICAL DATA MANAGEMENT SYSTEM FOR UNIX
KAYEL, R. C.
TM 79-3444-3 APRIL 30, 1979 THIS MEMORANDUM DESCRIBES A HIERARCHICAL DATA MANAGEMENT SYSTEM THAT RUNS UNDER THE UNIX OPERATING SYSTEM. IT IS DESIGNED TO BE USED FOR MANAGING A SMALL TO MODERATE SIZED HIERARCHICAL DATA BASE.

UNSA1397 UNIX BASED TSPS HOTEL-MOTEL TRAFFIC SIMULATOR
MICHAEL, S.
TM 79-5252-1 MAY 18, 1979 THIS MEMORANDUM DESCRIBES A MESSAGE GENERATOR THAT SIMULATES THE MESSAGES TRANSMITTED FROM A TRAFFIC SERVICE POSITION SYSTEM (TSPS) TO THE NO. 1 HOTEL BILLING INFORMATION SYSTEM(HOBIS) FOR SENT-PAID CALLS ORIGINATING FROM A HOTEL OR MOTEL.

UNSA1398 PWB/GRAFICS OVERVIEW
FEUER, A. R.
TM 79-3782-1 JUNE 11, 1979 THIS MEMORANDUM WILL HELP YOU GET STARTED USING GRAPHICS AND SHOW YOU WHERE TO FIND MORE INFORMATION.

UNSA1399 CONVERSION OF SICPPR FILES FROM UNIX TO RAMIS II
ELLINGTON, M. B.
TM 79-2174-1 MAY 21, 1979 THIS MEMORANDUM DOCUMENTS THE TRANSFER OF THE SILICON INTEGRATED CIRCUIT PROJECT PLANNING REPORT (SICPPR) DATA BASE FROM THE UNIX FILE STRUCTURE TO THE RAMIS II DATA BASE SYSTEM.

UNSA1406 COMPUTER BUFFERED INFORMATION EXCHANGE USER'S GUIDE
STROM, B. I.
TM 79-5133-1 JUNE 11, 1979 THIS PAPER IS THE COMPLETE USER'S GUIDE TO THE COMPUTER BUFFERED INFORMATION EXCHANGE (CBIE) SYSTEM WHICH FACILITATES ASYNCHRONOUS COMMUNICATION AMONG A GROUP OF INDIVIDUALS.

UNSA1412 DIRECT II IN-CORE TABLES: USER'S GUIDE
ROOME, V. D.
TM 79-5156-5 JUNE 7, 1979 THE DIRECT II IN-CORE TABLES (ITBL) PACKAGE ALLOWS USER PROCESSES TO QUICK SEARCH SMALL SUBSETS, OR CROSS-SECTIONS, OF TABLES IN THE DIRECT II TABLES BASE (TDB).

UNSA1414 DIRECTORY ASSISTANCE OPERATOR WORK TIME EXPLORATORY DATA ANALYSIS
ARTHURS, E. + SHARKO, N. + STUCK, B. W.
JULY 6, 1979 THIS PAPER SUMMARIZES RECENT WORK IN CHARACTERIZING DIRECTORY ASSISTANCE OPERATOR WORK TIMES, WHICH IS A MAJOR COMPONENT OF THE TOTAL TIME REQUIRED HANDLE ONE TRANSACTION, FOR CURRENT DIRECTORY ASSISTANCE OPERATORS.

UNSA1415 PRELIMINARY REAL TIME LISTING RETRIEVAL (RTLR) FIELD STUDY PERFORMANCE ANALYSIS
ARTHURS, E. + CAGUN, D. W. + STUCK, B. W.
JULY 9, 1979 THIS PAPER SUMMARIZES AN ANALYTIC STUDY PLUS SOME EXPERIMENTAL DATA FROM A FIELD STUDY CONCERNING PERFORMANCE LIMITATIONS OF A PROTOTYPE OF RTLR.

UNSA1416 THE CRAFT ACCESS VOICE EDITING SYSTEM (CAVES)
FILDES, M. R.
TM 79-9314-1 JUNE 20, 1979 THIS MEMORANDUM DESCRIBES THE VOICE EDITING SOFTWARE TOOLS USED TO DEVELOP AND MAINTAIN A COLLECTION OF FILES CONTAINING THE DIGITIZED SPEECH VOCABULARY.

UNSA1419 THE NSPEAK PROGRAM
HARRIS, M. O.
TM 79-1227-18 JUNE 3, 1979

UNSA1421 EXPERIMENTAL OFFICE COMMUNICATIONS SERVICES - MESSAGE SYSTEM
HOFFMAN, R. S.
JUNE 13, 1979 THIS MEMORANDUM DESCRIBES AN ONLINE EXPERIMENTAL OFFICE COMMUNICATION SYSTEM (OCS) MESSAGE SYSTEM THROUGH WHICH USERS CAN COMMUNICATE IN A DEFERRED MODE.

"UNSA - SPECIAL APPLICATIONS"

UNSA1425 DIRECT II SERVICE DISPATCHER
CHANG, C. W. - LINDERMAN, J. P.
TM 79-9156-6 JUNE 12, 1979 A DIRECT II SERVICE DISPATCHER WAS DEVELOPED TO MANAGE A NUMBER OF SERVICE PROCESSES IN THE SYSTEM. THIS DOCUMENT SPECIFIES THE FUNCTIONAL CAPABILITIES OF THE SERVICE DISPATCHER AND THE COMMUNICATION CHANNELS BETWEEN IT AND THE CUSTOMER PROCESSES.

UNSA1428 DOCUMENTATION OF MINICOMPUTER PRODUCT TRIALS
SWIFT, R. E.
APRIL 27, 1979 THIS MEMORANDUM DEFINES THE CONSTITUENTS OF A PRODUCT TRIAL REPORT AND THE MINIMUM INFORMATION WHICH THE REPORT MUST CONVEY.

UNSA1433 AN INTERFACE BETWEEN A STAND ALONE OPERATING SYSTEM (ISIS) AND A TIME SHARED COMPUTER SYSTEM (UNIX)
MULROONEY, T. J.
TM 79-2211-4 MAY 15, 1979 AN INTERFACE BETWEEN A MICROCOMPUTER DEVELOPMENT SYSTEM (MDS) AND A TIME SHARED SYSTEM (UNIX) IS DESCRIBED IN DETAIL. A COMPLETE DESCRIPTION OF ALL OPERATING PROCEDURES, COMPLETE DOCUMENTATION PACKAGE FOR ALL PROGRAMS DISCUSSED, APPLICATIONS AND EXAMPLES OF USAGE ARE ALSO GIVEN.

UNSA1438 UNITY - A SMALL DBMS FOR A UNIX ENVIRONMENT
TING, P. D.
TM 79-1712-12 SEPTEMBER 4, 1979 THIS MEMORANDUM DESCRIBES A DATA BASE MANAGEMENT SYSTEM CALLED UNITY, WHICH IS OPERATIONAL ON DEC'S PDP-11 MINICOMPUTERS AND LSI-11 MICROCOMPUTERS.

UNSA1445 INTEL 8048 SIMULATOR (SIM48) USER MANUAL
MULROONEY, T. J.
TM 79-2211-7 AUGUST 15, 1979 THE 8048-8049 MICROPROCESSOR SIMULATOR RUNNING UNDER THE UNIX OPERATING SYSTEM, PROVIDES SOFTWARE SIMULATION OF THE 8048-8049 MICROCOMPUTER. THIS REPORT IS A DETAILED USER'S MANUAL DESCRIBING THE VARIOUS COMMANDS.

UNSA1448 SPOOLER AND DAEMON SOFTWARE FOR A PRINTER NETWORK
LAUR, J. E.
TM 79-9457-3 JULY 27, 1979 PRINTER AND SPOOLER SOFTWARE TO HANDLE A SINGLE DATASPEED 40 PRINTER HAS BEEN TAKEN FROM THE MERT SUPPORT GROUP DEPT (3824) AND MODIFIED TO PROVIDE SUPPORT FOR A NETWORK OF PRINTERS OF ANY TYPE. THIS PAPER DESCRIBES SEVERAL FEATURES WHICH HAVE BEEN ADDED TO THE SOFTWARE TO MAKE MORE ROBUST.

UNSA1453 IMPLEMENTING AND TESTING NEW VERSIONS OF A GOOD 48-BIT PSEUDO-RANDOM NUMBER GENERATOR
ROBERTS, C. S.
TM 79-1353-5 SEPTEMBER 4, 1979 THIS PAPER DESCRIBES THE DESIGN, IMPLEMENTATION, TESTING, AND USE OF DRAND48 - A GOOD PSEUDO-RANDOM NUMBER GENERATOR BASED ON THE LINEAR CONGRUENTIAL ALGORITHM AND 48-BIT INTEGER ARITHMETIC.

UNSA1454 DIRECT II SORT UTILITIES
LINDERMAN, J. P.
TM 79-9456-2 AUGUST 31, 1979 THIS MEMORANDUM HAS FOUR MAIN PARTS. THE FIRST DESCRIBES HOW A LIST OF MULTI-VALUED FIELDS INDUCES AN ORDERING ON RECORDS. THE SECOND SECTION SPECIFIES AN ALGORITHM FOR CONSTRUCTING A SORT KEY GIVEN A RECORD AND A LIST FIELDS. THE THIRD SECTION DESCRIBES A GENERAL PURPOSE SORT UTILITY CAPABLE OF SORTING RECORDS INTO LEXICOGRAPHICAL ORDER ON A SINGLE KEY. A FINAL SECTION DESCRIBES A COLLECTION OF TOOLS WHICH CONSTITUTED THE DIRECT II SORT UTILITIES.

UNSA1455 DIRECT II DATA REPRESENTATION AND MANIPULATION
LINDERMAN, J. P.
TM 79-9456-1 AUGUST 8, 1979 THIS MEMORANDUM DESCRIBES THE REPRESENTATION USED IN DIRECT II.

UNSA1461 YADS - YET ANOTHER DATABASE SYSTEM
ROCHKIND, M. J.
TM 79-9323-1 OCTOBER 1, 1979 YADS IS YET ANOTHER DATABASE THAT STORES DATA, PROVIDES A WAY TO UPDATE IT, AND GENERATES REPORTS. THIS MEMO CONTAINS A TUTORIAL ON SETTING UP A YADS APPLICATION AND MANUAL PAGES FOR REFERENCE.

UNSA1464 VERSION 3 OF THE GR-2 GRAPHICAL SYSTEM
BECKER, R. A.
TM 79-1218-12 SEPTEMBER 4, 1979 THIS MEMORANDUM DESCRIBES VERSION 3 OF THE GR-2 GRAPHICAL SYSTEM. IT ASSUMES FAMILIARITY WITH GR-2 VERSION 2, AND DESCRIBES THE CHANGES FROM VERSION 2 TO VERSION 3. IT ALSO PROVIDES DETAILS OF THE UNIX IMPLEMENTATION.

UNSA1471 A GRAPHICS LANGUAGE FOR TYPESETTING
WYN, C. J. VAN + KERNIGHAN, B. W.
TM 79-1274-10 SEPTEMBER 13, 1979 THIS PAPER REPORTS SOME STEPS TOWARD THE DESIGN OF A LANGUAGE IN WHICH A USEFUL CLASS OF FIGURES CAN BE EXPRESSED.

UNSA1478 DEVELOPMENT OF A PROGRAM FOR PARTS INVENTORY CONTROL
COPIN, A. M.
TM 79-3237-2 OCTOBER 19, 1979 A PROGRAM HAS BEEN DEVELOPED TO AID IN THE KEEPING OF INVENTORIES OF PARTS FOR PROTOTYPE MODEL PRODUCTION. THIS PROGRAM IS WRITTEN IN C AND RUNS UNDER UNIX.

UNSA1489 A UNIX BASED SYSTEM FOR AUTOMATED TESTING OF ASYNCHRONOUS TERMINALS AND HOSTS
MUELLER, M. B.
TM 79-3162-1 SEPTEMBER 10, 1979 THE PATHOS (PROGRAMMABLE ASYNCHRONOUS TERMINAL AND HOST SIMULATOR) FACILITY HAS RECENTLY BEEN IMPLEMENTED TO SUPPORT AUTOMATED TESTING OF ASYNCHRONOUS TERMINALS AND HOSTS. AN OVERVIEW OF PATHOS CAPABILITIES AND ARCHITECTURE IS PRESENTED IN THIS PAPER.

UNSA1498 TERSE - A TECHNIQUE FOR REPORTING ON SMALL DATA BASES
PETSCHENIK, N. H. + WOODALL, R. P.
TM 79-9252-1 AUGUST 31, 1979 THIS MEMORANDUM APPLIES TERSE TO A SPECIFIC DATA BASE EXAMPLE AND THEN THE TECHNIQUE IS PRESENTED IN GENERAL. COMPLETE USER INFORMATION IS PROVIDED AS WELL AS A DESCRIPTION OF THE IMPLEMENTATION.

UNSA1502 DIRECT II DATA BASE INDICES
RUBINSTEIN, P. I. + HSU, T.
TM 79-9457-6 AUGUST 13, 1979 AN INDEXING SCHEME FOR A LARGE SCALE DATA BASE MUST BE EASY TO USE, FLEXIBLE, AND FAST. THE INDEXING SCHEME PROPOSED IN THIS PAPER OFFERS A VIABLE COMPROMISE OF THESE THREE FACTORS.

"UNSA - SPECIAL APPLICATIONS"

UNSA1511 ADMS, AN ASSOCIATIVE DATABASE MANAGEMENT SYSTEM FOR UNIX
BEYER, J. D.
TM 79-3234-2 JULY 16, 1979 THIS MEMORANDUM PRESENTS AN OVERVIEW OF ADMS AND IS INTENDED FOR POTENTIAL USERS AND OTHERS INTERESTED IN DATABASE MANAGEMENT SYSTEMS.

UNSA1520 THE PWB/UNIX ACCOUNTING SYSTEM
MCCREARY, M. S.
JANUARY 1980 THIS MEMORANDUM DESCRIBES THE STRUCTURE, IMPLEMENTATION, AND MANAGEMENT OF THIS ACCOUNTING SYSTEM.

UNSA1521 ADMINISTRATIVE INFORMATION FOR PWB/GRAFPHICS
CHEN, R. L. + PINKSTON, D. E.
JANUARY 1980 THIS DOCUMENT IS A REFERENCE GUIDE FOR SYSTEM ADMINISTRATORS WHO ARE USING OR ESTABLISHING A PWB/GRAFPHICS FACILITY ON UNIX. IT CONTAINS INFORMATION ABOUT DIRECTORY STRUCTURE, INSTALLATION, MAKEFILES, HARDWARE REQUIREMENTS, AND MISCELLANEOUS FACILITIES OF PWB/GRAFPHICS.

UNSA1522 M2 RETRIEVAL AND REPORTS
HUTCHINSON, E. C.
NOVEMBER 1979 THIS MANUAL PRESENTS THE INFORMATION NEEDED TO RETRIEVE DATA FROM AN M2 DATA BASE AND TO GENERATE REPORTS PRESENTING THE RETRIEVED INFORMATION.

UNSA1523 DEVELOPING AN M2 APPLICATION
LAMB, J. E.
NOVEMBER 1, 1979 THIS PAPER PRESENTS AN OVERVIEW OF M2, A STEP BY STEP GUIDE TO THE DEVELOPMENT OF AN M2 APPLICATION, AND A COMPLETE EXAMPLE IMPLEMENTATION.

UNSA1524 M2 DATA ENTRY AND UPDATE MANUAL
PARTEL, M. F.
OCTOBER 28, 1979 THIS DOCUMENT IS A USER'S GUIDE AND REFERENCE MANUAL FOR INTERFACING WITH AN M2 APPLICATION. IT DESCRIBES HOW TO ENTER AND MODIFY INFORMATION IN THE DATA BASE.

UNSA1525 M2 ADMINISTRATOR'S PROGRAMMING MANUAL
CELLIS, H. S.
SEPTEMBER 28, 1979 THIS DOCUMENT IS A PROGRAMMER'S GUIDE FOR PRODUCING M2 DATA BASE SYSTEMS. ITS INTENDED USE IS BY THOSE INDIVIDUALS WHO WOULD BE RESPONSIBLE FOR EITHER SPECIFYING REQUIREMENTS FOR, GENERATING, OR MAINTAINING, AN M2 DATA BASE SYSTEM.

UNSA1526 M2 GENERATION SYSTEM MANUAL
QUINN, M. E.
JUNE 28, 1979 THIS DOCUMENT IS A USER'S GUIDE, REFERENCE MANUAL, AND ADMINISTRATOR'S GUIDE FOR THE GEN SYSTEM.

UNSA1528 SHELL COMMANDS FOR RELATIONAL OPERATIONS ON FIELDDED FILES (SCROFF)
SALCHENBERGER, S. M.
TM 80-95424-1 JANUARY 2, 1980 THIS MEMORANDUM DESCRIBES A SET OF SHELL LEVEL COMMANDS (CALLED SCROFF) DESIGNED TO BRIDGE THE GAP BETWEEN THE AFOREMENTIONED CHOICES.

UNSA1539 IN-CORE TABLE SEARCH FUNCTIONS
ROOME, W. D.
TM 80-1633-2 MARCH 3, 1980 THE IN-CORE TABLE SEARCH (ICT) PACKAGE LETS C PROGRAMS SEARCH SMALL, READ-ONLY IMAGES OF TABULAR DATA VERY QUICKLY. THE ICT PACKAGE IS DIVIDED INTO TWO PARTS: A SET OF UTILITY COMMANDS, AND A LIBRARY OF FUNCTIONS. THIS PAPER PRESENTS THE BASICS CONCEPTS, AND GIVES AN OVERVIEW OF THE C FUNCTIONS.

UNSA1547 OVERVIEW OF THE REDAS DATA BASE MANAGER IN UNIX/TS AUGMENTED
BROWMAN, I. - MASTERS, C. E.
TM 80-3121-1 MARCH 14, 1980 THIS PAPER DESCRIBES REDAS, A RELATIONAL DATABASE THAT IS USED IN THE NOC AND EADAS OSS SYSTEMS.

UNSA1548 DESCRIPTION OF A MENU CREATION AND INTERPRETATION SYSTEM
HEFFLER, M. J.
TM 80-3168-2 FEBRUARY 21, 1980 THIS MEMO DESCRIBES THE MENU CREATION AND INTERPRETATION SYSTEM (MCIS) THAT CAN PROVIDE THE USER INTERFACE AND THE HIGH-LEVEL CONTROL STRUCTURE FOR ANY MENU-DRIVEN SOFTWARE SYSTEM.

UNSA1549 HI - PLUS
YANOFCHICK, R. J.
TM 80-9544-1 APRIL 8, 1980 HI IS AN INTERACTIVE HIERARCHICAL DATA MANAGEMENT SYSTEM THAT RUNS UNDER THE UNIX OPERATING SYSTEM. A GENERAL PURPOSE, SCREEN ORIENTED DATA ENTRY AND UPDATE SYSTEM IS AVAILABLE FOR USE WITH THE SYSTEM.

UNSA1551 MULCA - MODULAR UNIX BASED LANGUAGE AND GRAPHIC AID FOR THE STRUCTURED DESIGN OF INTEGRATED CIRCUITS
WESTE, NEIL
TM 80-1384-4 MAY 1, 1980 TO AID DESIGN OF CMOS INTEGRATED CIRCUITS A SUITE OF UTILITY PROGRAMS RESIDING ON UNIX-TS HAVE BEEN WRITTEN. THE FUNCTION OF THESE PROGRAMS IS SUMMARIZED.

UNSA1552 PACKET MANIPULATION LANGUAGE USER'S MANUAL
ROCKING, MARC J.
TM 80-9323-2 MAY 1, 1980 THIS MANUAL DESCRIBES PACKETS AND THE FUNCTIONS USED TO MANIPULATE THEM FROM AN EXTERNAL POINT OF VIEW. THE IMPLEMENTATION IS NOT DESCRIBED; INDEED, MANY DIFFERENT IMPLEMENTATIONS ARE POSSIBLE.

UNSA1557 REIMPLEMENTATION OF CBIE (THE COMPUTER BUFFERED INFORMATION EXCHANGE) UNDER THE UNIX OPERATING SYSTEM
STROM, B. IVAN
TM 80-9482-3 MAY 13, 1980 THIS PAPER DISCUSSES THE REASONS FOR REIMPLEMENTING CBIE UNDER UNIX AND THE ACTUAL IMPLEMENTATION, AND DISCUSSES IMPLEMENTATION PROBLEMS THAT WERE MET AND DECISIONS THAT WERE MADE TO SOLVE THESE PROBLEMS. IT ALSO DESCRIBES IMPLEMENTATION AND USER INTERFACE DIFFERENCES BETWEEN OLD AND NEW VERSIONS.

UNSA1558 PIC - A CRUDE GRAPHICS LANGUAGE FOR TYPESETTING
KERNIGHAN, BRIAN W.
TM 80-1272-2 JUNE 9, 1980 PIC IS A CRUDE LANGUAGE FOR DRAWING SIMPLE FIGURES ON A TYPESETTER. THIS PAPER DESCRIBES THE CURRENT VERSION OF PIC. SINCE THE LANGUAGE IS STILL VERY MUCH UNDER DEVELOPMENT, EVERYTHING HERE SHOULD BE TREATED AS PRELIMINARY AND SUBJECT TO VIOLENT CHANGE.

"UNSA - SPECIAL APPLICATIONS"

UNSA1567 USERS' GUIDE TO CODE: THE PARASITE-BASED CODING SYSTEM
MURREL, SHARON
TM 80-1229-6 JULY 11, 1980 THIS MEMO DESCRIBES THE CODING SYSTEMS, THE PROGRAMS INVOKED BY THE USER AND THE FUNCTIONS BEHIND THEM. IT ALSO PROVIDES INSTRUCTIONS FOR USING THE PROGRAMS.

UNSA1574 DATA FILE MANIPULATION ROUTINES
MURREL, SHARON
TM 80-1229-7 JULY 11, 1980 THIS MEMO DESCRIBES A SET OF UTILITIES WHICH IS AVAILABLE FOR PRINTING, FOR EXTRACTING AND MERGING INFORMATION FROM DATA FILES.

UNSA1575 TIME-LINE ANALYSES UNDER UNIX
MURREL, SHARON
TM 80-1229-8 JULY 11, 1980 TLA, A TIME-LINE ANALYSIS ROUTINE, ANALYZES MANY CHANNELS OF INFORMATION ABOUT CONCURRENT BEHAVIOR SAMPLES BY RELATING THESE CHANNELS TO ONE ANOTHER IN TIME.

UNSA1576 DATABASE IMPLEMENTATION CONSIDERATIONS
BROWMAN, I.
TM 80-3121-4 MAY 15, 1980 IN AN EFFORT TO PRODUCE A DISTRIBUTED DBMS IN A LIMITED AMOUNT OF TIME, IT IS SUGGESTED TO USE THE AVAILABLE (AND SUCCESSFULLY WORKING IN THE FIELD) DBMS CALLED REDAS AND PUT ON TOP OF IT AN EXTRA "LAYER" OF SOFTWARE TO TAKE CARE OF DATA DISTRIBUTION AND MAKE THE DBMS DISTRIBUTED. SOME ASPECTS OF THAT IMPLEMENTATION DESIGN ARE DOCUMENTED HERE.

UNSA1586 THE DATA KERNEL, THE DATA BASE INTERFACE FOR NODM
KEESE, W. M.
TM 80-9844-3 AUGUST 7, 1980 THE DATA KERNEL IS A DATA BASE INTERFACE. THIS PAPER COVERS ONLY THE BASIC DATA KERNEL.

UNSA1590 UNIX/CM CHANGE MANAGEMENT PROCEDURES
STORM, N. E.
JUNE 15, 1980 THIS USER MANUAL DESCRIBES THE PROCEDURE FOR COMPLETING AND SUBMITTING MODIFICATION REQUEST (MRS) FOR UNIX/CM.

UNSA1591 USAGE AND PERFORMANCE EVALUATION OF A COMPUTER CONFERENCING SYSTEM
STROM, B. IVAN
TM 80-9462-4 JUNE 23, 1980 THIS PAPER CONTAINS THE RESULTS OF A VERY PRELIMINARY STUDY OF THE USE OF CBIE IN A NUMBER OF COMPUTER CONFERENCES.

UNSA1592 COMPUTER CONFERENCING - PAST, PRESENT, AND FUTURE
STROM, B. IVAN
TM 80-9462-5 JUNE 25, 1980 THIS PAPER DISCUSSES COMPUTER CONFERENCING IN GENERAL, AND THE COMPUTER BUFFERED INFORMATION EXCHANGE IN PARTICULAR. IT CONTAINS DESCRIPTIONS OF THE WORK OF OTHER RESEARCHERS IN FIELD, A DETAILED DESCRIPTION OF COMPUTER CONFERENCING AND CBIE, AND SUGGESTIONS FOR FUTURE RESEARCH.

UNSA1593 A VIRTUAL FIELD GENERATOR FOR A FIELDED DATA BASE
RUBINSTEIN, P. I.
TM 79-9467-2 JULY 24, 1979 THIS MEMORANDUM CONTAINS A DESCRIPTION OF ALL THE COMPONENTS OF A SYSTEM WHICH CAN BE USED TO CREATE A VIRTUAL FIELD GENERATOR. ALSO DESCRIBED ARE TWO USER INTERFACES WHICH HAVE ALREADY BEEN IMPLEMENTED FOR USE WITH THE VIRTUALIZER SOFTWARE.

UNSA1594 QUE: A UNIX-LIKE EXECUTIVE FOR THE Z80 MICROPROCESSOR
STURZENBECKER, MARTIN C.
TM 79-1352-16 OCTOBER 16, 1979 THIS MEMORANDUM DESCRIBES THE STRUCTURE OF THE EXECUTIVE, ITS THEORY OF OPERATION, ITS POTENTIAL AND ITS LIMITATIONS.

UNSA1595 BRIDGE: A UNIX EXPERIMENT FOR HOME COMPUTER SERVICES
LACHMAN, D. + STORER, J. A.
TM 80-1352-13 APRIL 1, 1980 THIS MEMORANDUM DESCRIBES SOFTWARE FOR PLAYING BRIDGE ON A UNIX SYSTEM.

UNSA1596 A USER MANUAL FOR THE MENU CREATION AND INTERPRETATION SYSTEM
HEFFLER, MICHAEL J.
60-3172-1 SEPTEMBER 8, 1980 THIS IS THE USER MANUAL FOR THE MENU CREATION AND INTERPRETATION SYSTEM (IN THIS MANUAL WILL DESCRIBE HOW TO BUILD, USE AND MODIFY MENU SYSTEMS. SEE ALSO UNSA(1548)

UNSA1597 A "C" BASED SOFTWARE INTERFACE PACKAGE FOR THE RAMTEK 9400 CO RASTER GRAPHICS SYSTEM
SHIFERSTEIN, A.
OCTOBER 30, 1980 AN OVERVIEW OF THE RAMTEK COLOR RASTER SYSTEM IS GIVEN.

UNSA1598 A DEVICE DRIVER FOR THE RAMTEK 9400 COLOR RASTER GRAPHICS SYSTEM UNDER THE UNIX OPERATING SYSTEM
SHIFERSTEIN, A.
DECEMBER 2, 1980 THIS DOCUMENT DESCRIBES THE DEVELOPMENT AND OPERATION OF THE RAMTEK 9400 DEVICE DRIVER.

UNSA1615 A SET OF C ROUTINES FOR ASSOCIATIVE DATABASE OPERATIONS WITH THE UNIX OPERATING SYSTEM
BEYER, J-D
TM 79-3234-1 JANUARY 15, 1979 THIS MEMORANDUM DESCRIBES A GROUP OF SUBROUTINES WRITTEN IN THE C PROGRAMMING LANGUAGE USEFUL FOR DOING ASSOCIATIVE ENTRY AND RETRIEVAL OF RECORDS IN A DATABASE SYSTEM.

UNSA1616 DESIGNER'S WORKBENCH - PHILOSOPHY
O'NEIL, L. A.
TM 80-4393-9 OCTOBER 3, 1980 DESIGNER'S WORKBENCH (DWB) INCREASES THE PRODUCTIVITY OF THE DESIGN AIDS USER BY BUFFERING THE USER FROM THE IDIOSYNCRASIES OF THE APPLICATION PROGRAMS AND THE COMPUTERS ON WHICH THEY RUN. IN ADDITION TO DESCRIBING THE DESIGN CONSTRAINTS APPLIED DURING THE DEVELOPMENT OF DWB, THIS PAPER ALSO INTRODUCES THREE OTHER TECHNICAL MEMORANDUM THAT DESCRIBE IN DETAIL THE USER, PROGRAMMER AND PRODUCTION ENVIRONMENTS CREATED BY DWB. SEE ALSO UNSA(1617) + UNSA(1618) + UNSA(1619) + UNSA(1643)

UNSA1617 DESIGNER'S WORKBENCH - PROVIDING A PRODUCTION ENVIRONMENT
THOMPSON, T. J.
TM 80-4393-10 OCTOBER 3, 1980 SEE ALSO UNSA(1616)

UNSA1618 DESIGNER'S WORKBENCH - THE PROGRAMMER ENVIRONMENT
MCDONALD, P. H. - THOMPSON, T. J.
TM 80-4265-3, TM 80-4393-11 OCTOBER 3, 1980 SEE ALSO UNSA(1616)

"UNSA - SPECIAL APPLICATIONS"

UNSA1619 A LSI-UNIX (LSX) TEST SET FOR THE CALL PROCESS SYSTEM
MULROONEY, T. J.
TM 80-2211-5 OCTOBER 30, 1980 A SYSTEM TEST CAPABLE OF EXERCISING THE ESS-CPS INTERFACE IS DESCRIBED
IN THIS REPORT.

UNSA1620 CONCURRENCY AND CRASH RECOVERY IN NCOM
GERVIRTZ, W. L.
TM 79-8544-1 NOVEMBER 30, 1979 THIS PAPER DESCRIBES A CONCURRENCY SCHEME FOR A DATABASE, DISTRIBUTED
AMONG MULTIPLE LOOSELY-COUPLED SITES, WHICH ALLOWS SIMULTANEOUS ACCESS BY NON-INTERFERING WRITERS AND
AN ARBITRARY NUMBER OF READERS.

UNSA1637 AN OVERVIEW OF THE AREA 90 PWB/UNIX ACCOUNTING SYSTEM
, R. M. KOFORD, JR.
JANUARY 24, 1979 THIS MEMORANDUM PRESENTS A DESCRIPTION OF THE PWB/UNIX RESOURCE ACCOUNTING TOOLS AND
INTERFACES AS USED BY AREA 90 SYSTEMS. A DISCUSSION OF THE VARIOUS ACCOUNTING RECORDS IS PRESENTED,
FOLLOWED BY AN OVERVIEW OF THE ACCOUNTING PROGRAMS AND FILES, AND FINALLY A BRIEF SUMMARY OF THE
FISCAL ACCOUNTING PROCEDURE. SEE ALSO UNSA(1638)

UNSA1638 DAILY ACCOUNTING PROCEDURES FOR PWB OPERATIONS
, R. M. KOFORD, JR. + SMITH, M. L.
JANUARY 25, 1980

UNSA1643 DESIGNER'S WORKBENCH - THE USER ENVIRONMENT
BREILAND, J. R. + FRIEDENSON, R. A.
TM 80-4265-2 OCTOBER 3, 1980 THIS PAPER DESCRIBES THE USER ENVIRONMENT. IT INCLUDES A DESCRIPTION
OF THE DESIGN TECHNOLOGIES, PROCES AND AIDS. IT THEN PRESENTS THE DESIGNER'S WORKBENCH APPROACH TO
IMPROVING THE ACCEPTANCE AND EFFICIENCY OF THOSE AIDS.

UNSA1644 A UNIX BASED TERMINAL DRIVER FOR IES
PIALKOFF, R. J.
TM 81-45281-5 JANUARY 15, 1981 A REMOTE TERMINAL DRIVER HAS BEEN DEVELOPED ON UNIX. THE DRIVER,
ALTHOUGH ORIGINALLY DESIGNED TO EVALUATE THE PERFORMANCE OF THE TRFS INTELLIGENT ENTRY SYSTEM (IES),
IS FLEXIBLE ENOUGH TO BE ADAPTED TO DRIVE ANY ASYNCHRONOUS INTERACTIVE COMPUTER SYSTEM.

UNSA1645 ENHANCEMENTS TO THE UNITY DBMS
FELTS, S.
TM 80-8335-1 DECEMBER 22, 1980 THE UNIX DBMS HAS BEEN ENHANCED SO THAT IT IS MORE USER-ORIENTED AND
PROVIDES NEW AND MORE POWERFUL COMMAND CAPABILITIES. THESE CHANGES ARE DESCRIBED.

UNSA1646 FORM SHELL
KORN, D. G. - LAMBETH, D. A.
TM 80-9224-3 DECEMBER 8, 1980 THIS MEMO DESCRIBES GENERAL PURPOSE SOFTWARE THAT HAS BEEN DESIGNED TO
ENABLE A USER TO ENTER DATA ON A FORMATTED CATHODE RAY TUBE (CRT) SCREEN, CHECK THE DATA FOR
CONSISTENCY, AND PASS IT ON TO A DATA BASE MANAGER.

UNSA1651 EIS-EQUIPMENT INFORMATION SERVICES
LAMBERT, C. A.
TM 81-11353-2 JANUARY 9, 1981 THIS PAPER DESCRIBES THE AVAILABLE SERVICES AND INCLUDES COMMENTS ON
THE FUNCTION AND NECESSITY OF A PROGRAM ADMINISTRATOR. A USERS MANUAL IS INCLUDED.

UNSA1656 STRUCTURED DATABASE MANAGEMENT SYSTEM
PAWIA, A.
TM 81-45156-2 MARCH 25, 1981 THIS MEMORANDUM DESCRIBES A DATABASE MANAGEMENT SYSTEM WHICH WAS
DESIGNED PRIMARILY TO ASSIST MARKETING THE 38 PRODUCT LINE. DESIGN OBJECTIVES, ARCHITECTURE AND
CURRENT FACILITIES ARE DISCUSSED IN THIS PAPER.

UNSA1657 EMU - A SIMPLE MOS TIMING SIMULATOR
ACKLAND, B. - WESTZ, N.
TM 81-11354-2 JANUARY 15, 1981 A UNIX BASED MOS TIMING SIMULATOR IS DESCRIBED.

UNSA1725 A DESIGN AIDE FOR RELATIONAL DATABASE SCHEMAS - USER MANUAL
BAGLEY, R. T.
TM 81-35422-5 SEPTEMBER 4, 1981 DATABASE DESIGN IS CONSIDERED ONE OF THE MOST DIFFICULT PROBLEMS IN
DATABASE TECHNOLOGY. AN ALGORITHM TO AIDE IN THE PROCESS OF DATABASE DESIGN HAS BEEN DEVELOPED
IMPLEMENTED. THIS DOCUMENT IS INTENDED TO BE A MANUAL DESCRIBING HOW TO BUILD, USE AND INTERPRET THAT
DESIGN ALGORITHM.

UNSA1726 DIRECT II - AN APPROACH TO THE DESIGN OF APPLICATION SOFTWARE
CANADAY, R. M.
TM 81-45191-1 MARCH 2, 1981 THIS MEMORANDUM IS A RETROSPECTIVE ON THE DIRECT II SYSTEM. IT DESCRIBES
THE DESIGN TECHNIQUES USED IN DIRECT II. IT ALSO INCLUDES A BIBLIOGRAPHY.

UNSA1727 DSIS - A DATABASE SYSTEM WITH INTERRELATIONAL SEMANTICS
LIZEN, Y. E. + SHAPIRO, J. S. + TSUR, S
TM 81-45193-2 AUGUST 7, 1981 DSIS IS AN EXPERIMENTAL MULTI-USER DATABASE SYSTEM THAT SUPPORTS AN
ENTITY- DATA MODEL WITH RELATIONAL AND INTERRELATIONAL SEMANTICS. IT MAINTAINS A SHARP DISTINCTION
BETWEEN THE USER'S WORKSPACE (WHICH PROVIDES THE FULL CAPABILITY OF UNIX TOOLS) AND THE SHARED
DATABASE (A CONTROLLED ENVIRONMENT). TRANSACTIONS ARE EXECUTED BY A SIMULATED NETWORK OF STREAM
PROCESSORS.

UNSA1731 USER'S GUIDE FOR GENESIS, A UNIX-BASED GENERAL PURPOSE INFORMATION RETRIEVAL SYSTEM
CONIGLIARO, N. J.
TM 81-54312-3 JULY 29, 1981 GENESIS IS A GENERAL-PURPOSE INFORMATION RETRIEVAL SYSTEM, INTENDED FOR
USE IN IMPLEMENTING HIERARCHICALLY-STRUCTURED DATA BASES, USING UNIX AS THE HOST SYSTEM.

"UNSD - STANDARD DOCUMENTATION"

UNSD1037 REFERENCING STANDARD UNIX DOCUMENTATION
VOGEL, G. C.
AUGUST 23, 1974 MEMORANDUM FOR FILE

UNSD1046 UNIX SUPPORT CLASSIFICATIONS FOR PG-1C300 - ISSUE 2
VOGEL, G. C.
MF 78-8234-9 JANUARY 30, 1978 THE PURPOSE OF THIS MEMORANDUM IS TO DEFINE LEVELS OF SUPPORT AND TO ASSIGN PIDENTS TO THESE CLASSIFICATIONS.

UNSD1099 PROGRAM GENERIC CONTROL AND DOCUMENTATION ON UNIX
VOGEL, G. C.
TM 78-8234-13 MAY 17, 1978 THIS MEMORANDUM DESCRIBES A GENERAL SET OF PROGRAM GENERIC CONTROL AND DOCUMENTATION PROCEDURES WHICH HAS BEEN DEVELOPED TO BELL SYSTEM FORMAT.

UNSD1107 PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING.
(G.4)
, T. A. COLOTTA, ET AL.
FOR COMPLETE INFORMATION, SEE UNED (G.4)

UNSD1162 THE UNIX OPERATING SYSTEM - PG-1C300
VOGEL, G. C.
FOR COMPLETE INFORMATION, SEE UNOS

UNSD1291 RECOMMENDATIONS FOR A COMPANY-WIDE UNIX EDUCATION PROGRAM
, R. M. COSEN, ET AL.
JUNE 6, 1978 THIS REPORT PRESENTS AN OVERVIEW OF THE USE OF UNIX AT BELL LABORATORIES, VIEW OF THE CHALLENGE FOR UNIX EDUCATION, AND OUR SPECIFIC RECOMMENDATIONS

UNSD1298 TITLE LISTINGS FOR UNIX MEMORANDA
CROWLEY, T. R.
MF 78-8234-79 SEPTEMBER 7, 1978 A SHELL PROGRAM, TLIST, HAS BEEN WRITTEN TO PRODUCE HIGH QUALITY LISTINGS OF THE TITLES AND AUTHORS OF UNIX MEMORANDA FOR THE COMPUTING INF

UNSD1363 A PUBLIC LIBRARY FACILITY FOR THE UNIX TIME-SHARING SYSTEM
TING, D. W. + GLASSER, A. L.
TM 79-3111-1 FEBRUARY 21, 1979 A PUBLIC LIBRARY IN A COMPUTER IS AN AREA OF MEMORY LOADED WITH FREQUENTLY SUBROUTINES. THIS MEMORANDUM DESCRIBES AN IMPLEMENTATION OF THIS FACILITY

UNSD1420 SUPPORTED STRUCTURE FOR LOCAL MODIFICATIONS TO UNIX
COMEN, A. S.
JULY 26, 1979 THIS PAPER PROPOSES WAYS TO IMPROVE THE SEPARATION OF LOCAL AND CENTRALLY-SUPPORTED SOFTWARE TO PROMOTE DISCUSSION ON THIS SUBJECT.

"UNSU - SERVICE AND UTILITY PROGRAMS"

UNSU1003 IMPLEMENTATION OF LARGE CONTIGUOUS FILES AND ASYNCHRONOUS I/O IN UNIX
LYCKLAMA, M.
TM 74-1352-1 JANUARY 4, 1974 THIS DOCUMENT DESCRIBES PHYSICAL I/O FOR THE UNIX - A (ASSEMBLER) BASED SYSTEM.

UNSU1025 SYNTHETIC ENGLISH SPEECH BY RULE
MCILROY, M. D.
TM 73-1271-7 DECEMBER 7, 1973

UNSU1068 UNIXLIST - AN IBM/370 UTILITY PROGRAM TO LIST A UNIX FILE STORED ON A 9-TRACK MAGNETIC TAPE.
ROBERTS, C. S.
JANUARY 29, 1975 MEMORANDUM FOR RECORD

UNSU1078 MAKE - A PROGRAM FOR MAINTAINING COMPUTER PROGRAMS
FELDMAN, S. I.
AUGUST 15, 1978 THIS MEMO DESCRIBES A PROGRAM CALLED MAKE THAT PROVIDES A SIMPLE MECHANISM FOR MAINTAINING UP-TO-DATE VERSIONS OF PROGRAMS THAT RESULT FROM MANY OPERATIONS ON A NUMBER OF FILES.

UNSU1081 A TAPE BACK-UP SYSTEM FOR THE NETWORK FILE STORE
ELLIOTT, R. J.
TM 75-1273-12 NOVEMBER 24, 1975 THIS PAPER DESCRIBES A SYSTEM WHICH MAINTAINS A COMPLETE COPY ON TAPE OF ALL FILES ON THE FILE STORE OF THE SPIDER NETWORK.

UNSU1107 PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING.
(G.4)
T. A. DOLOTTA, ET AL.
FOR COMPLETE INFORMATION, SEE UNED (G.4)

UNSU1118 UNIX-INTELLEC MOS INTERFACE
LENCOFSKI, JOSEPH E. - TARTARONE, STUART A.
TM 76-3141-1, TM 76-3142-1 SEPTEMBER 1, 1976 THIS MEMORANDUM DESCRIBES THE INTERFACE INCLUDING A SYNOPSIS OF THE NEW UNIX COMMANDS TO ACCESS THESE FEATURES AND PROVIDES A PROGRAM LISTINGS OF THE NEW SOFTWARE DEVELOPED.

UNSU1140 DESCRIPTION OF MKCONF
HAMNER, I. A. - RALEIGH, T. M.
MF 77-6234-5 JANUARY 17, 1977 THE PURPOSE OF THIS DOCUMENT IS TO DESCRIBE THE PROGRAM MKCONF, WHICH IS AN INTERACTIVE PROGRAM THAT GENERATES TWO CONFIGURATION DEPENDENT FILES.

UNSU1149 UNIX ASSEMBLER FOR THE INTEL 8080 MICROPROCESSOR
MOLINELLI, J. J.
FOR COMPLETE INFORMATION, SEE UNPL

UNSU1153 AN INTEGRATED SYSTEM FOR MICROPROCESSOR SUPPORT
COPP, D. H. - COUNCIL, R. J. - HUNSBURGER, D. J. - MOLINELLI, J. J. - VAN
TM 77-6234-1, TM 77-3233-6, TM 77-3231-1 MARCH 17, 1977 THIS MEMORANDUM DESCRIBES A SET OF TOOLS, REFERRED TO AS THE MICROPROCESSOR SUPPORT (MS) SYSTEM, DESIGNED TO REDUCE FIRMWARE DEVELOPMENT COST THROUGH EFFICIENT USAGE OF THE HUMAN RESOURCE.

UNSU1158 A GENERALIZED DATA ENTRY SYSTEM
ROCKHIND, M. J.
TM 77-9156-1 APRIL 1, 1977 THE HUMAN AND PROGRAMMING INTERFACES TO THE SYSTEM ARE DESCRIBED AND INSTRUCTIONS ARE GIVEN FOR BUILDING THE DRIVING TABLES.

UNSU1168 A CONSOLE CONTROLLED INTERFACE BETWEEN AN INTELLEC MOS AND A TIME-SHARED COMPUTER SYSTEM.
LENCOFSKI, J. E. - TARTARONE, S. A. - J. E. WILKES JR.
TM 77-1352-2 MAY 31, 1977 THIS MEMORANDUM DESCRIBES TWO DIFFERENT APPROACHES FOR MODIFYING INTELLEC HARDWARE, A SMAL2 MONITOR PROGRAM AND INFORMATION INCLUDING COMMAND SEQUENCES AND INSTRUCTION FOR LOCAL CONFIGURATION.

UNSU1171 A RECORD MANAGER FOR RANDOM ACCESS TO VARIABLE LENGTH RECORDS UNDER UNIX.
SEYER, J. D.
TM 77-1352-5 JUNE 1, 1977 THIS MEMORANDUM DESCRIBES A RANDOM RECORD MANAGER FOR UNIX DISK FILE. IT IS MEANT TO BE BOTH A USER'S GUIDE AND A BRIEF OVERVIEW OF THE WORKINGS OF THE SYSTEM.

UNSU1172 QUEST - A COMPUTER SYSTEM TO COLLECT QUESTIONNAIRE DATA
ALBRECHT, E. H.
MAY 16, 1977 MEMORANDUM FOR FILE QUEST CAN BE USED TO ISSUE A QUESTIONNAIRE, COLLECT THE ANSWERS TO THE QUESTIONNAIRE AND PREPARE THE RESULTING DATA FOR ANALYZATION.

UNSU1186 LINT, A C PROGRAM CHECKER
JOHNSON, S. C.
JULY 26, 1978 LINT IS A COMMAND WHICH EXAMINES C SOURCE PROGRAMS TO DETECT AND REPORT ABOUT A NUMBER OF BUGS AND OBSURITIES. THIS DOCUMENT DISCUSSES THE USE OF LINT, GIVES AN OVERVIEW OF THE IMPLEMENTATION, AND GIVES SOME HINTS ON THE WRITING OF MACHINE INDEPENDENT C CODE.

UNSU1209 A LEXICOGRAPHIC MULTIKEY SORT PROGRAM ZSORT
ZUCKER, H.
OCTOBER 31, 1977 THIS MEMORANDUM DESCRIBES THE FEATURES OF AN EFFICIENT C LANGUAGE SORT PRO AND THE CHARACTERISTICS OF THE SORTING ALGORITHMS WHICH WERE EMPLOYED.

UNSU1210 EXAMPLES OF CONVERTING USC SHELL COMMAND FILES FOR THE NEW SHELL
CSASZAR, M. A.
MF 77-6234-100 NOVEMBER 22, 1977 THIS MEMORANDUM DESCRIBES EXAMPLES OF CONVERTING USC SHELL COMMAND FILES FOR THE NEW CENTER 127 SHELL WRITTEN BY S. R. BOURNE. EXAMPLES OF C 323 FILES CONVERSION OF SHELL PROGRAMS ARE SHOWN.

UNSU1215 RXD-110: TWO PROGRAMS TO GENERATE UNIX-COMPATIBLE MAGNETIC TAPES
SWANSON, G. K.
NOVEMBER 17, 1977 TWO PROGRAMS TO WRITE SOURCE FILES TO 9 TRACK, 800 BPI MAGNETIC TAPES HAVE BEEN WRITTEN FOR THE PDP-11/45 AND RUN UNDER THE RSX-11D REAL-TIME OPERATING SYSTEM.

"UNSU - SERVICE AND UTILITY PROGRAMS"

UNSU1219 UNIX MICROCOMPUTER CONTROL OF APPARATUS, MACHINERY, AND EXPERIMENTS
WONIEVICZ, B. C. - STORM, A. R. - SIEVER, J. D.
TM 77-1523-28, TM 77-1527-114 OCTOBER 21, 1977 THIS PAPER DESCRIBES A SYSTEM FOR LABORATORY AUTOMATION USING THE UNIX TIME-SHARING SYSTEM WHICH HAS PERMITTED EXPERIMENTS TO BE AUTOMATED IN HOURS RATHER THAN YEARS.

UNSU1223 AN INTERACTIVE LEAP SCRIPT GENERATOR (ILSG)
CYKERT, W. M. + MESS, B. E.
TM 77-9423-3 DECEMBER 2, 1977 THIS MEMORANDUM DESCRIBES A NEWLY DEVELOPED TOOL WHICH SIGNIFICANTLY REDUCES THE COST OF LEAP SCRIPTS.

UNSU1227 GEX - AN INTERACTIVE GRAPHICS PROGRAM
JACKOWSKI, D. J.
TM 77-8254-3 DECEMBER 7, 1977 THIS MEMO INCLUDES USER INFORMATION AND A DISCUSSION OF THE SOFTWARE. GEX IS DESIGNED TO RUN ON THE PDP-11 UNDER UNIX WITH A TEKTRONIX TERMINAL.

UNSU1238 A SYSTEM TESTING TECHNIQUE USING A UNIVERSAL LEAP SCRIPT
PETSCHENIK, N. H. - WOODALL, R. P.
TM 77-9426-2 AUGUST 31, 1977 LEAP, A BTI DEVELOPED TEST DRIVER WRITTEN FOR THE PWB/UNIX SYSTEM, SUPPORTS THE PREPARATION AND EXECUTION OF SUCH REPEATABLE TEST BY SENDING, RECEIVING AND PROCESSING THE SIGNAL BETWEEN SIMULATED TERMINALS AND AN INTERACTIVE SYSTEM UNDER TEST.

UNSU1243 CLIO - A RELATIONAL DATA BASE SYSTEM
PARA, P. S.
TM 78-5522-2 FEBRUARY 9, 1978 THIS MEMO DESCRIBES CLIO WHICH INCLUDES GENERAL PROGRAMMING LANGUAGE CAPABILITIES AS WELL AS FACILITIES FOR USE AS A DATA BASE-DRIVEN COMMAND LANGUAGE.

UNSU1245 QUIK: A NOVEL APPROACH TO COMPUTERIZED DIRECTORY ASSISTANCE SERVICES
GABBE, J. D. + JUDICE, C. N. - LONDON, T. B. + BEYER, J. D.
DECEMBER 12, 1977 THIS PAPER GIVES AN OVERVIEW OF AN EXPERIMENTAL DIRECTORY ASSISTANCE SYSTEM, QUIK (QUERYING INTERACTIVELY BY KEYWORDS), CURRENTLY BEING USED AS A TOOL FOR RESEARCH IN INFORMATION STORAGE, RETRIEVAL, AND PEOPLE-COMPUTER INTERACTIONS.

UNSU1251 DECENTRALIZED TRANSACTION CONTROL AND CRASH RECOVERY
WEINBERGER, P. J.
TM 78-3444-3 APRIL 4, 1978 THIS PAPER CONTAINS ALGORITHMS FOR TRANSACTION CONTROL AND CRASH RECOVERY IN A DATA BASE SYSTEM.

UNSU1252 STAT: A TOOL FOR ANALYZING DATA
FEUER, A. R.
TM 78-9442-4 MARCH 21, 1978 STAT IS AN EMERGING COLLECTION OF NUMERICAL PROGRAMS UNDER THE UNIX OPERATING SYSTEM THAT CAN BE INTERCONNECTED USING SHELL TO FORM PROCESSING NETWORKS.

UNSU1262 USER'S GUIDE TO THE SMAL2 LANGUAGE FOR THE ZILOG Z80 MICROPROCESSOR
FARRELL, J. W.
TM 78-8234-8 MARCH 21, 1978 SMAL2 IS A STRUCTURED ASSEMBLY LEVEL LANGUAGE ORIGINALLY DEVELOPED FOR THE INTEL 8080 MICROPROCESSOR. IT HAS RECENTLY BEEN EXPANDED FOR USE WITH THE ZILOG Z80 MICROPROCESSOR. THE LANGUAGE FEATURES CONTROL STRUCTURES LIKE THOSE OF THE C PROGRAMMING LANGUAGE BUT OTHERWISE HAS A ONE-TO-ONE RELATIONSHIP TO THE Z80 MACHINE INSTRUCTIONS.

UNSU1266 INTERACTIVE DESIGN AID FOR GENERAL-PURPOSE ARTWORK PRODUCTION
FASCIANO, V. A.
TM 78-8254-3 JUNE 1, 1978 THIS GROUP OF COMPUTER PROGRAMS HAS BEEN PREPARED FOR USE WITH PDP-11 COMPUTERS WHICH ARE INTENDED TO ASSIST IN THE CREATION AND MODIFICATION OF GENERAL-PURPOSE ARTWORK SUCH AS FLOWCHARTS, ILLUSTRATIONS, SIMPLE LOGIC DIAGRAMS, AND OFFICE FURNITURE LAYOUTS. ALL PROGRAMS ARE WRITTEN IN THE C LANGUAGE.

UNSU1273 UNIX/TS FILE SYSTEM BACKUP
HAIGHT, R. C.
MF 78-8234-42 MAY 11, 1978 THE DUMP/RESTOR, VOLCOPY, CPIO/FIND BACKUP SYSTEMS WILL BE DISTRIBUTED WITH THE FIRST RELEASE OF UNIX/TS.

UNSU1275 8080/Z80 SIMULATOR SM80 USER MANUAL
REGELSON, K. L.
TM 78-8234-1 JANUARY 18, 1978 THE 8080/Z80 MICROPROCESSOR SIMULATOR, RUNNING UNDER THE UNIX OPERATING SYSTEM, PROVIDES SOFTWARE SIMULATION OF THE INTEL 8080 AND THE ZILOG Z80 CPUs. THIS MEMO HAS TWO MAIN PARTS: A TUTORIAL AND A REFERENCE MANUAL.

UNSU1279 UNIX SOFTWARE DISTRIBUTION BY COMMUNICATION LINK
LESK, M. E. - COHEN, A. S.
TM 78-1274-3, TM 78-8234-5 FEBRUARY 24, 1978 THIS DOCUMENT DISCUSSES THE OPERATION OF THE UUCP (UNIX TO UNIX COPY) AND RELATED PROGRAMS; THEIR USAGE OVER THE LAST YEAR; AND PLANS FOR THE FUTURE.

UNSU1285 PROPOSED STRUCTURE FOR UNIX/TS AND UNIX/RT MAKEFILES
CHELLIS, A. L.
MF 78-8234-73 JULY 26, 1978 THIS MEMO ILLUSTRATES THE MINIMUM REQUIREMENTS FOR FUTURE MAKEFILES. IT SHOULD MAKE FILE MAINTENANCE EASIER AND MORE EFFICIENT.

UNSU1286 CUMULATIVE PROGRAM PROFILING
REISER, J. F.
TM 78-1353-2 JULY 1, 1978 AN AUTOMATIC ACCUMULATION METHOD IS DESCRIBED FOR PROGRAMS WRITTEN IN C AN OPERATING SYSTEM.

UNSU1293 UUCP - IMPLEMENTATION DESCRIPTION
NOWITZ, D. A.
OCTOBER 31, 1978 UUCP IS A SERIES OF PROGRAMS DESIGNED TO PERMIT COMMUNICATION BETWEEN UNIX SYSTEMS. THIS DOCUMENT IS FOR USE BY AN ADMINISTRATOR OF THE SYSTEM.

UNSU1294 UNIX STANDARDIZATION SUBCOMMITTEE PROPOSED ARCHIVING FACILITY
VOGEL, G. C.
MF 78-8234-99 SEPTEMBER 27, 1978 UNIX ARCHIVING PROPOSALS WERE DISCUSSED AT SEVERAL MEETINGS OF THE USS. THIS MEMORANDUM SUMMARIZES THE POINTS DISCUSSED AND OUTLINES THE PROPOSAL REACHED.

"UNSU - SERVICE AND UTILITY PROGRAMS"

UNSU1295 REGRESSION TESTING FOR C COMPILERS
CROWLEY, T. R.
MF 78-9234-78 AUGUST 10, 1978 THIS MEMORANDUM DISCUSSES THE FACILITY FOR REGRESSION TESTING OF A C COMPILER WHICH HAS BEEN SET UP.

UNSU1298 IMPLEMENTATION OF GR-2 GRAPHICS ON UNIX
MASKELL, B. G.
SEPTEMBER 6, 1978 THE PURPOSE OF THIS MEMORANDUM IS TO DESCRIBE THE PROGRAMS AND PROCEDURES NECESSARY FOR THE RUNNING OF GR-2 PROGRAMS ON UNIX.

UNSU1304 THE EVOLUTION OF A SOURCE CODE CONTROL SYSTEM
GLASSER, A. L.
TM 78-3111-3 SEPTEMBER 12, 1978 THIS PAPER DESCRIBES THE FACILITIES PROVIDED BY SCCS, AND THE CHANGES THAT WERE MADE TO SCCS. SEE ALSO UNPNC1088

UNSU1308 MRCs AND THE MRCs 2 DATA BASE SYSTEM
GELLIS, M. S.
TM 78-9442-7 JULY 26, 1978 THIS PAPER DISCUSSES BOTH MRCs AND THE M2 SYSTEM WHICH HAS EVOLVED TO IMPL IT AND OTHER DATA BASE SYSTEMS.

UNSU1328 SDIFF, A SIDE-BY-SIDE DIFFERENCE PROGRAM
MARANZANO, J. F.
DECEMBER 13, 1978 THE SDIFF COMMAND HAS BEEN WRITTEN TO PROVIDE A CONVENIENT DISPLAY OF THE DIFFERENCES OF TWO FILES AND A FACILITY FOR INTERACTIVE MERGING OF THE TWO

UNSU1332 MONITOR TERMINALS UNDER THE UNIX OPERATING SYSTEM
MUENZER, T. B.
TM 78-9442-8 JULY 24, 1978 THIS MEMORANDUM DESCRIBES A PRIMITIVE IMPLEMENTATION SUITABLE FOR MANY USES, AND DESCRIBES SEVERAL POSSIBLE EXTENSIONS OF THE IMPLEMENTATION.

UNSU1338 ENHANCEMENTS TO THE USC TROUBLE REPORTING SYSTEM
CANNON, L. V.
JANUARY 19, 1979 THIS PAPER DESCRIBES A TROUBLE REPORTING MECHANISM WHICH WAS DEVELOPED FOR USE BY THE PROCESSOR APPLICATIONS GROUP OF DEPARTMENT 2512.

UNSU1339 VM/CMS - UNIX FILE TRANSFER FACILITY
NORDEN, R. A.
JANUARY 10, 1979 A FILE TRANSFER FACILITY HAS BEEN IMPLEMENTED WHICH ALLOWS FILES TO BE TRA OVER THE DDD NETWORK BETWEEN ANY UNIX MACHINE WITH APPROPRIATE AUTOMATIC EQUIPMENT AND AT&T'S VM/CMS SYSTEMS AT PISCATAWAY, NEW JERSEY. THIS MEMO BRIEF GUIDE FOR POTENTIAL USERS.

UNSU1346 NFTS: TOOLS FOR PROCESSING DATA WITH NAMED FIELDS
ROCKHIND, M. J.
TM 78-4565-1 DECEMBER 1, 1978 THIS MEMO DESCRIBES AN ABSTRACT DATA TYPE, CALLED A PACKET, FOR CONNECTING NAMED-FIELD TOOLS.

UNSU1442 BANCS FACILITY FOR MERT/UNIX
LICWINKO, J. S.
TM 79-9156-7 APRIL 11, 1979 THIS DOCUMENT DESCRIBES SOFTWARE THAT SUPPORTS CONNECTION OF A MERT/UNIX MACHINE TO A BANCS NETWORK.

UNSU1443 RECORD HANDLING UNDER MERT/UNIX - THE QUEUE FACILITY
LICWINKO, J. S.
TM 79-9156-4 MAY 25, 1979 THIS DOCUMENT DESCRIBES A RECORD HANDLING FACILITY DEVELOPED FOR MERT/UNIX. IT DESCRIBES THE NEED FOR THIS FACILITY, THE FORMAT OF QUEUES, THE SUBROUTINES, THE INTEGRITY MECHANISMS, THE CHECKPOINT STRATEGY, AND THE UTILITIES. USER DOCUMENTATION IS ATTACHED.

UNSU1504 USER'S GUIDE TO THE SMAL41 LANGUAGE FOR THE INTEL 8041 MICROPROCESSOR
MILLER, L. E.
TM 79-3231-3 DECEMBER 14, 1979 THIS MEMO IS DESIGNED TO BE BOTH A GUIDE IN THE USE OF SMAL41 AND A REFERENCE MANUAL FOR THE LANGUAGE AS IT APPLIES TO THE INTEL 8041 MICROPROCESSOR.

UNSU1517 USE OF SLISTS IN A DEVELOPMENT ENVIRONMENT
VENDT, T. A.
TM 80-3168-1 JANUARY 23, 1980 AN SLIST IS FILE WHICH SPECIFIES REVISION LEVELS FOR SCCS FILES. THIS MEMORANDUM PRESENTS A DEVELOPMENT ENVIRONMENT BUILT ON THE USE OF SCCS, ENHANCED SCCS TOOLS, AND SLISTS.

UNSU1540 LIMBO - AN ARCHIVE FACILITY FOR UNIX FILES ON IBM MASS STORAGE
FELTS, S. D. - TROESTER, R.
TM 80-9363-1 APRIL 3, 1980 THIS MEMORANDUM DESCRIBES THE DESIGN OBJECTIVES, THE IMPLEMENTATION, AND THE USE OF THE LIMBO COMMANDS, AND SUMMARIZES THE INSTALLATION REQUIREMENTS.

UNSU1545 KERNEL PROFILING FOR UNIX SYSTEMS ON THE VAX-11
REISER, J. F.
TM 80-1383-3 MARCH 11, 1980 THIS PAPER DESCRIBES A LOW-COST TECHNIQUE FOR CONSTRUCTING AN ACCURATE PROFILE FOR THE SYSTEM KERNEL OF A UNIX-BASED OPERATING SYSTEM RUNNING ON THE VAX-11 COMPUTER.

UNSU1546 PROGRAM PROFILING UNDER MERT USING A DEC KW11-P CLOCK
ISMAN, M. A.
TM 80-3121-3 FEBRUARY 20, 1980 A SET OF PROGRAMS HAVE BEEN WRITTEN WHICH PERMIT THE PROFILING OF A PROGRAM OR A SET OF PROGRAMS AT A RESOLUTION COMPLETELY INDEPENDENT OF THE CLOCK SYSTEM. THIS PROFILING SYSTEM CAN BE USED TO GATHER STATISTICS ABOUT THE PERFORMANCE OF A USER LEVEL PROGRAM, A SUPERVISORY PROCESS RUNNING ON BEHALF OF A USER PROGRAM, AND THE OPERATING SYSTEM ITSELF.

UNSU1565 VSCRT RATIONALE
LINGERMAN, JOHN P.
TM 80-3633-7 JUNE 26, 1980 THESE NOTES EXPOSE SOME OF THE PROBLEMS WITH THE UNIX SYSTEM SORT AND DESCRIBE THE VSCRT ROUTINE WRITTEN BY THE AUTHOR TO CIRCUMVENT THE PROBLEMS.

UNSU1577 UNIX DISK FORMATTER FOR DEC RPOS PACKS (RPOSFMT)
MCNAUL, A. F.
TM 80-3644-4 JULY 16, 1980 A LOCAL FORMATTER HAS BEEN WRITTEN FOR DEC TYPE RPOS PACKS WHICH GIVES DETAILED INFORMATION ON THE STATUS OF ALL ERRORS ENCOUNTERED WHEN FORMATTING THE PACK. THE PROGRAM IS WRITTEN IN C TO PROVIDE EASY MAINTAINABILITY AND ADAPTABILITY OTHER TYPES OF DISKS. THE DESIGN AND OPERATION OF THE FORMATTER ARE DISCUSSED IN DETAIL, AND SAMPLE FORMATTING SEQUENCES ARE GIVEN.

"UNSU - SERVICE AND UTILITY PROGRAMS"

UNSU1578 A RECORD INPUT/OUTPUT SYSTEM
A. C. TING - TING, D. W.
TM 80-3162-1. TM 80-3121-6 AUGUST 8, 1980 IN THIS MEMO WE DESCRIBE A UNIX COMMAND AND A SET OF LIBRARY ROUTINES WHICH ALLOW USERS TO MANIPULATE EXISTING FILED RECORD FILES INDEPENDENT OF THEIR FORMATS. THE DIFFERENCES BETWEEN THIS SYSTEM AND OTHERS ARE DISCUSSED.

UNSU1587 CIRCULARLY CONNECTED PROCESS PIPELINES
BONANNI, L. B. - WONG, H.
TM 80-3781-13 AUGUST 14, 1980 THIS MEMORANDUM GIVES SOME EXAMPLES OF USAGE AND DISCUSSES FEEDBACK, A SIM COMMAND THAT CREATES CIRCULAR CONNECTIONS.

UNSU1601 ELECTRONIC MAIL WITHOUT ALIASES
ELLIOTT, R. JANE - LESK, MICHAEL
TM 80-1273-7, TM 80-1274-11 SEPTEMBER 30, 1980 ELECTRONIC MAIL AT BELL LABS IS USUALLY ROUTED TO A SYSTEM AND A USER-ID. THERE ARE NOW OVER 100 BTL UNIX SYSTEM CONNECTED BY THE UUCP NETWORK, AND IT IS MORE AND MORE OF A NUISANCE TO REMEMBER WHERE YOUR CORRESPONDENTS LOG IN AND WHAT USER-ID THEY USE. THE NEW UTILITY POST LOCKS UP THE REAL NAMES OF PEOPLE IN A DATABASE OF BTL UNIX USERS, AND SENDS MAIL APPROPRIATELY.

UNSU1602 A RECORD SELECTION PROGRAM
EPSTEIN, J. J.
TM 80-3168-1 SEPTEMBER 23, 1980 THIS MEMO DESCRIBES A UNIX COMMAND THAT ALLOWS USERS TO SELECT RECORDS FROM EXISTING FILED RECORD FILES INDEPENDENT OF THEIR FORMATS.

UNSU1603 A PROGRAM PACKAGE FOR UNIX TO NON-UNIX INTERACTION
MAYER, W. J.
DECEMBER 9, 1980

UNSU1609 INTRODUCING MFSC, A C PROGRAM THAT FACILITATES THE DEFINITION OF MFS SCREENS
T. C. KWONG JR.
TM 80-9432-1 JULY 5, 1980 THIS MEMORANDUM DESCRIBES THE FACILITIES PROVIDED BY MFSC WITH SOME SIMPLIFICATION AND IS INTENDED FOR THE CASUAL READER. THE MEMORANDUM CONSTITUTES THE USER'S MANUAL FOR MFSC AND PRESUPPOSES BASIC UNIX AND MFS KNOWLEDGE.

UNSU1610 THE AIDSTS TEST UTILITY ON VAX-11/780 UNIX
COPlien, J. O.
AUGUST 18, 1980 THIS USER'S MANUAL SERVES AS A TUTORIAL AND REFERENCE MANUAL FOR THE AIDSTS UTILITY UNDER VAX-11/780 UNIX.

UNSU1611 A SIMULATOR FOR THE DATASPEED 40/4 TERMINAL ON THE HP264X
LEVENBERG, R. A.
TM 80-9338-1 NOVEMBER 6, 1980 THIS MEMORANDUM DISCUSSES A PACKAGE WHICH, WHEN LINK-EDITED WITH USER-SUPP OBJECT FILES, SIMULATES A TELETYPE CORPORATION DATASPEED 40/4 TERMINAL WITH DISPLAY FORMATTING ON A HEWLETT-PACKARD 2645, 2640, OR 2621 TERMINAL. THE PACKAGE IS WRITTEN IN 'C' AND RUNS UNDER UNIX 3.0 ON A VAX 11/780.

UNSU1612 Z80 SOFTWARE DEVELOPMENT TOOLS USER'S MANUAL EDITION 3.1
LOUDEN, T. M.
TM 80-3495-1 NOVEMBER 19, 1980 THIS DOCUMENT IS INTENDED TO PROVIDE A SINGLE SOURCE TO MUCH OF THE INFORMATION NEED BY DEVELOPERS USING THE Z80 SOFTWARE DEVELOPMENT TOOLS.

UNSU1613 CHANGE MANAGEMENT SYSTEM DESIGN AND PHILOSOPHY
STORM, N. E.
TM 80-3674-2 DECEMBER 15, 1980 THE MODIFICATION REQUEST (MR) MANAGEMENT MODULE OF THE CHANGE MANAGEMENT FACILITIES (CMF) IS DESCRIBED IN THIS DOCUMENT. THE STANDARD SYSTEM, OPTIONS AVAILABLE TO THE USER AND THE CHANGE MANAGEMENT PHILOSOPHY ARE ALSO PRESENTED. THE SYSTEM CAN SUPPORT MULTI-USER INTERACTIVE UPDATING AND HAS A POWERFUL REPORTING FACILITY.

UNSU1614 CHANGE MANAGEMENT AUTOMATIC SCCS SIMPLE INTERFACE (CASSI)
STORM, N. E.
TM 80-3674-3 DECEMBER 16, 1980 A SIMPLE INTERFACE IS DESCRIBED WHICH ALLOWS SOURCE TO ONLY BE MODIFIED IN RESPONSE TO APPROVED MRS AND AUTOMATICALLY UPDATES THE MR DATA BASE WHEN SOURCE CHANGES ARE COMPLETE.

UNSU1631 THE UNIX CIRCUIT DESIGN SYSTEM
BOURNE, S. R.
TM 80-1368-3 DECEMBER 21, 1980 THE UNIX CIRCUIT DESIGN SYSTEM COMPRIMES A SET OF PROGRAMS THAT ENABLE DIGITAL SYSTEMS TO BE DESIGNED, ANALYZED AND CONSTRUCTED.

UNSU1633 RESPONSE TO FSCK ERROR CONDITIONS IN UNIX
MADCR, H. P.
FEBRUARY 6, 1981 THE FILE SYSTEM CHECK PROGRAM (FSCK) IS AN INVALUABLE TOOL FOR CHECKING AND REPAIRING A FILE SYSTEM. IT REPORTS VARIOUS ERROR CONDITIONS AND SOLICITS A RESPONSE IN MOST CASES. THIS MEMO IDENTIFIES ALL THE ERROR CONDITIONS THAT REQUIRE A RESPONSE AND SPECIFIES THE PROPER ACTION.

UNSU1635 DIRECTORY ASSISTANCE FOR UUCP
GRAMPP, F. T. + KOENIG, A. - RITCHIE, D. W.
MARCH 18, 1980

UNSU1641 CTRACE AND LTRACE - C AND LEX PROGRAM DEBUGGING TOOLS
STEPPEN, J. L.
FEBRUARY 16, 1981

UNSU1642 A C ROUTINE FOR FILE NAME GENERATION
ARNOLD, J. Q.
TM 81-46162-2 FEBRUARY 13, 1981 THIS DOCUMENT DESCRIBES A C ROUTINE, META, THAT GENERATES FILE NAMES.

UNSU1648 THE IMPLEMENTATION OF THE LP SPOOLING SYSTEM
KLIESCHMAN, J. R.
TM 80-3674-1 NOVEMBER 21, 1980 LP IS A SYSTEM OF COMMANDS WHICH PERFORMS DIVERSE SPOOLING FUNCTIONS UNDER THE UNIX OPERATING SYSTEM. THIS MEMO DESCRIBES THE IMPLEMENTATION OF LP AND SUGGESTS HOW IT CAN BE USED AS A GENERAL PURPOSE SPOOLER.

"UNSU - SERVICE AND UTILITY PROGRAMS"

UNSU1668 UNIX B-TREES
WEINGERER, P. J.
TM 81-11272-1 JANUARY 2, 1981 THIS MEMO CONTAINS DESCRIPTIONS OF SUBROUTINES AND COMMANDS FOR
CREATING AND MAINTAINING B-TREES, AND A COMPLETE EXAMPLE OF THEIR USE IN A DATA BASE WITH TWO FILES.

UNSU1669 LP ADMINISTRATOR'S GUIDE
KLEEGMAN, J. R.
TM 81-45174-1 FEBRUARY 20, 1981 THIS MEMO DESCRIBES THE ROLE OF AN LP ADMINISTRATOR (LPA) IN
PERFORMING RESTRICTED FUNCTIONS AND OVERSEEING THE SMOOTH OPERATION OF LP.

UNSU1670 OVERLAYS IN A UNIX ENVIRONMENT
FOWLER, GLENN
TM 80-2428-1 AUGUST 20, 1980 THE IMPLEMENTATION AND USE OF SEGMENTED OVERLAY PROGRAMS FOR UNIX
RUNNING ON POP-11 SERIES COMPUTERS IS DISCUSSED.

UNSU1671 A C-PROGRAM TO AUTOMATICALLY GENERATE JCL COMMENTS FOR DATA EMBEDDED IN A JOB STREAM
KERR, F. X.
TM 81-59251-1 MARCH 10, 1981 A C-PROGRAM IS DESCRIBED WHICH CAUSES DATA CARDS IN A JCL INPUT STREAM
TO BE PRINTED IN THE FINAL IBM JCL LISTING. THE USE OF THIS PROGRAM HAS HELPED TO DOCUMENT,
AUTOMATICALLY, THE INPUT TO BATCH PROGRAMS UNDERGOING SYSTEM TEST WHERE THE JCL IS PREPARED IN A UNIX
ENVIRONMENT AND SENT TO AN IBM ENVIRONMENT.

UNSU1672 A GENERALIZED SOFTWARE DEVELOPMENT SUPPORT LIBRARY FOR UNIX
DALRYMPLE, F. L.
TM 80-3683-2 SEPTEMBER 30, 1980 THIS DOCUMENT GIVES AN OVERVIEW OF THE FUNCTIONALITY OF THE DSL, AND
A TUTORIAL ON ITS MOST COMMONLY USED FEATURES. A COMPANION DOCUMENT UNPL 1673, "IMPLEMENTATION OF A
DEVELOPMENT SUPPORT LIBRARY", BY F. L. DALRYMPLE) DESCRIBES AN IMPLEMENTATION OF A DSL AND SUGGESTS
MAINTENANCE PROCEDURES.

UNSU1673 IMPLEMENTATION OF A DEVELOPMENT SUPPORT LIBRARY FOR UNIX
DALRYMPLE, F. L.
TM 80-3683-3 DECEMBER 21, 1980 THE GOAL OF THIS DOCUMENT IS TO DESCRIBE ONE IMPLEMENTATION OF THE
DSL (FOR THE UNIX COMMANDS AND TEXT SOFTWARE DEVELOPMENT GROUP OF DEPARTMENT 3683) SO THAT OTHERS MAY
IMPLEMENT THEIR OWN, AND SO THAT THIS IMPLEMENTATION MAY BE UNDERSTOOD AND MODIFIED.

UNSU1674 FILE TRANSFERS FOR MOTIS: TSS-UNIX-MARRIS
VERBINSKI, C. A.
APRIL 6, 1981 THIS PAPER DESCRIBES HOW THE USER CAN CONDUCT FILE TRANSFERS WITHOUT DEALING WITH THE
JOB CONTROL LANGUAGES (JCL) AND COMMUNICATION PROTOCOLS OF THE REMOTE SYSTEMS.

UNSU1675 AS81 - AN INTEL 8081 CROSS ASSEMBLER
MULROONEY, T. J.
TM 81-52211-3 APRIL 17, 1981 THIS REPORT DESCRIBES THE OPERATION OF AN INTEL 8081 ASSEMBLER.

UNSU1676 TRANS: A FACILITY TO TRANSFER FILES BETWEEN UNIX AND DECSYSTEM-10 OR UNIX AND VM/CMS
MANISCHEWITZ, S. S.
TM 81-59321-2 APRIL 24, 1981 THIS MEMO IS A DETAILED IMPLEMENTATION DESCRIPTION OF THE FACILITY AS
WELL AS A GUIDE FOR POTENTIAL USERS.

UNSU1732 ADDITIONS TO THE USEND SOFTWARE
ARNOLD, S. L.
TM 81-64833-10 JULY 22, 1981 ALTHOUGH USEND, A FACILITY THAT PROVIDES A FILE TRANSFER BETWEEN UNIX
SYST IS ESSENTIALLY COMPLETE AS DELIVERED, THERE IS ROOM FOR IMPROVEMENT. THE RATIONAL FOR EACH
CHANGE IS PRESENTED AND MANUAL PAGES ARE INCLUDED.

RSE SYSTEM.	COMMAND -- A ROUTINE TO HANDLE COMMAND LINE PARSING	UNPL1280
	--INTRODUCTION TO SOFTWARE'' - A VIDEOTAPE COURSE	UNPL1199
	EXPLANATION OF ABNORMAL CONDITIONS WITHIN THE UNIX OPERATING	UNOS1047
	CLASSES: AN ABSTRACT DATA TYPE FACILITY FOR THE C LANGUAGE	UNPL1533
	TYPESETTING ACS AND APS MEETING ABSTRACTS - ISSUE 2	UNED1075
	CYCLES TO BURN: THE CHALLENGE OF ABUNDANCE	UNCI1563
	DEC FACTORY ACCEPTANCE TEST	UNOS1145
	CHECKING FILE ACCESS PERMISSIONS IN UNIX SYSTEMS	UNOS1385
	REDAS - A RELATIONAL DATA ACCESS SYSTEM FOR REAL-TIME APPLICATIONS	UNSA1344
	CRAFT ACCESS SYSTEM SOFTWARE STANDARDS	UNSA1366
	USING A LINE CLOCK TO ESTIMATE MEAN DISK ACCESS TIME	UNHA1282
	REMOTE ACCESS TO AN ELECTRONIC COMPUTER CONSOLE	UNHA1683
	A RECORD MANAGER FOR RANDOM ACCESS TO VARIABLE LENGTH RECORDS UNDER UNIX.	UNSU1171
	THE CRAFT ACCESS VOICE EDITING SYSTEM (CAVES)	UNSA1416
	SE - A STRUCTURE EDITOR PROGRAM FOR ACCESSING C PROGRAM STRUCTURES	UNPL1468
	FILE INTEGRITY AND SPACE ACCOUNTING FOR A UNIX BASED SYSTEM.	UNOS1164
	DAILY ACCOUNTING PROCEDURES FOR PWS OPERATIONS	UNSA1636
	AN OVERVIEW OF THE AREA 90 PWS/UNIX ACCOUNTING SYSTEM	UNSA1637
	THE PWS/UNIX ACCOUNTING SYSTEM	UNSA1520
	A PERIPHERAL PROCESSOR INTERACTIVE CONTROL AND DATA ACQUISITION	UNOS1289
	A MICROPROCESSOR BASED DATA ACQUISITION AND CONTROL SYSTEM	UNOS1535
M DISPLAY	M CAPACITY ESTIMATION - METHODOLOGY/ ENGINEERING AND DATA ACQUISITION SYSTEM/NETWORK MANAGEMENT (EADAS/N)	UNOS1449
	AN INTERACTIVE COMPUTER CONTROLLED DATA ACQUISITION SYSTEM WITH A CAMAC REAL TIME TM-0	UNED1069
	TYPESETTING ACS AND APS MEETING ABSTRACTS - ISSUE 2	UNED1075
	ACS LEAP USER'S GUIDE	UNSA1311
TEM	THE SYSTEM ACTIVITY PACKAGE - UNIX 4.0	UNOS1653
	ACTIVITY PROFILE OF THE PWS/UNIX OPERATING SYSTEM	UNOS1280
	PORTING THE ADAPT DATA TRANSLATION SYSTEM TO THE IBM 370	UNSA1373
	USER GUIDE FOR THE OSDD ADAPTER MACRO PACKAGE	UNED1625
	A TUTORIAL INTRODUCTION TO ADS	UNPL1185
T ON THE FILE SERVER PROJECT	ADDING REMOTE FILES TO UNIX - A PROGRESS REPORT	UNOS1434
	ADDITIONS TO THE USENND SOFTWARE	UNSU1732
M FOR UNIX	MOVING SYSTEM I/O BUFFERS OUT OF UNIX DATA ADDRESS SPACE	UNOS1235
	ADMOS, AN ASSOCIATIVE DATABASE MANAGEMENT SYSTEM	UNSA1511
	FUNCTIONAL OPERATION OF THE RECENT CHANGE MEMORY ADMINISTRATOR	UNSA1322
	QUEST ADMINISTRATION HANDBOOK	UNPM1173
	ADMINISTRATIVE ADVICE FOR PWS/UNIX (I.2)	UNOS1195
	ADMINISTRATIVE CONTROL CENTER SYSTEM (CSACCS)	UNOS1480
WORKS	ADMINISTRATIVE INFORMATION FOR PWS/GRAPHICS	UNSA1521
	LP ADMINISTRATOR'S GUIDE	UNSU1669
	PWS/UNIX RJE ADMINISTRATOR'S GUIDE (I.5)	UNOS1198
	M2 ADMINISTRATOR'S PROGRAMMING MANUAL	UNSA1525
	NETWORK ADMINISTRATOR TASKS FOR UNIX FILE TRANSFER NET	UNOS1509
	UUCP ADMINISTRATORS' FILE AND THE LUNAMIS COMMAND	UNOS1490
	ADVANCED EDITING ON UNIX	UNED1108
	ADMINISTRATIVE ADVICE FOR PWS/UNIX (I.2)	UNOS1195
	AGEN - AN ASSOCIATED MEMORY GENERATOR	UNPL1064
NUAL	CIRCUIT DESIGN AIDS ON UNIX	UNED1165
	A DESIGN AIDE FOR RELATIONAL DATABASE SCHEMAS - USER MANUAL	UNSA1725
	THE AIDS TS TEST UTILITY ON VAX-11/780 UNIX	UNSU1610
	UNIX/TS ALARM FACILITY	UNOS1359
D COMPUTER SYSTEM (UNIX)	CAUTIONS ON THE USE OF THE ALARM SIGNAL	UNOS1094
	A FAST SOFTWARE ENCRYPTION ALGORITHM	UNOS1334
	AN ALGORITHM FOR DIFFERENTIAL FILE COMPARISON	UNED1083
	AN ALGORITHM FOR STRUCTURING FLOWGRAPHS	UNPL1103
	SCHEDULING AND SWITCHING UNDER UNIX ALGORITHMS AND IMPLEMENTATION	UNOS1126
	ELECTRONIC MAIL WITHOUT ALIASES	UNSU1601
	TIME-LINE ANALYSES UNDER UNIX	UNSA1575
	DIRECTORY ASSISTANCE OPERATOR WORK TIME EXPLORATORY DATA ANALYSIS	UNSA1414
	EAL TIME LISTING RETRIEVAL (RTL) FIELD STUDY PERFORMANCE ANALYSIS	PRELIMINARY R UNSA1415
M (LMGS)	PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR LOOP MAINTENANCE OPERATIONS SYSTEM	UNOS1581
) FOR P/	PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR SATELLITE NETWORK CONTROLLER (SNC)	UNOS1582
BASED COMPUTER NETWORK	DESIGN AND PERFORMANCE ANALYSIS OF COMPUTER INTERFACES FOR A DATAKIT- IN UNIX/RT	UNOS1717
	AN ANALYSIS OF KERNEL MESSAGE BUFFER UTILIZATION	UNOS1572
	DESCRIPTION AND ANALYSIS OF THE DEC KMC11 MICROPROCESSOR	UNHA1226
	GF - A GRAPHICAL DATA ANALYSIS PROGRAM	UNSA1222
	AN OPERATIONAL ANALYSIS STUDY OF UNIX/370	UNOS1519
M ANCE EVALUATION	IMPLEMENTATION OF A BOOLEAN DATA ANALYSIS TECHNIQUE FOR PWS/U	UNSA1378
	AN ANALYTIC MODEL FOR DISTRIBUTED COMPUTER PERFORMANCE	UNOS1682
	LEX - A LEXICAL ANALYZER GENERATOR	UNPL1061
	MACROS FOR ANALYZING C PROGRAM ARGUMENTS	UNPL1384
	STAT: A TOOL FOR ANALYZING DATA	UNSU1252
	READ - C PROGRAMS FOR ANALYZING READABILITY	UNCI1331
	DEAD - A PROGRAM FOR ANALYZING UNIX SYSTEM CRASHES	UNOS1093
	PARSE: AN ATTRIBUTED LL(1) COMPILER GENERATOR	UNPL1532
	REDAS - A RELATIONAL DATA ACCESS SYSTEM FOR REAL-TIME APPLICATIONS	UNSA1344
	TYPESETTING ACS AND APS MEETING ABSTRACTS - ISSUE 2	UNED1075
E DEVELOPMENT WORKBENCH	A SOFTWARE ARCHITECTURE FOR PROVIDING A GRAPHICS SYSTEM	D UNSA1342
ORAGE	LIMBO - AN ARCHIVE FACILITY FOR UNIX FILES ON IBM MASS ST	UNSU1540
	UNIX STANDARDIZATION SUBCOMMITTEE PROPOSED ARCHIVING FACILITY	UNSU1294
	DATA SWITCH REQUIREMENTS FOR A LOCAL AREA COMPUTER NETWORK	UNOS1580
	AN OVERVIEW OF THE AREA 90 PWS/UNIX ACCOUNTING SYSTEM	UNSA1637
TS	ARGOPEN: A FUNCTION FOR HANDLING FILE ARGUMENTS	UNPL1656
M CALL	IMPLEMENTATION OF THE LARGE ARGUMENT LIST FEATURE IN UNIX/RT'S EXEC. SYSTEM	UNOS1361
	VARIABLE LENGTH ARGUMENT LISTS IN C	UNPL1268
	ARGOPEN: A FUNCTION FOR HANDLING FILE ARGUMENTS	UNPL1666
	MACROS FOR ANALYZING C PROGRAM ARGUMENTS	UNPL1384
	AN ARRAY AND SWITCHING PROCESSOR	UNHA1254
	A MACROASSEMBLER FOR AN ARRAY PROCESSOR	UNPL1531
	INTERACTIVE DESIGN AID FOR GENERAL-PURPOSE ARTWORK PRODUCTION	UNSU1266
REAL TIME LISTING RETRIEVAL (RTL)/AUDIO RESPONSE UNIT (ARU) PROTOTYPE SYSTEM - PERFORMANCE MEASUREMENT (RTL)/ARU PROTOTYPE SYSTEM	AUDIO RESPONSE UNIT (ARU) SUBSYSTEM DESIGN FOR REAL-TIME RETRIEVAL	UNSA1355
	THE UNIX MYTHOS AND WHAT UPPER MANAGEMENT SHOULD ASK ABOUT UNIX	UNOS1306
	A GENERAL PURPOSE ASSEMBLER	UNSA1362
	AN INTEL COMPATIBLE 8048-49 CROSS ASSEMBLER	UNSA1367
	AS51 - AN INTEL 8081 CROSS ASSEMBLER	UNSU1675
	AS86/ASZ80 - 8086/Z80 CROSS ASSEMBLER	UNPL1724

	CROSS ASSEMBLER DESIGN ON UNIX (COMMON FUNCTIONS)	UNPL1719
	CROSS ASSEMBLER DESIGN ON UNIX (UNIQUE FUNCTIONS)	UNPL1720
	ASSEMBLER FOR THE DEC KMC11 MICROPROCESSOR	UNPL1225
	UNIX ASSEMBLER FOR THE INTEL 8048 MICROPROCESSORS	UNOS1482
	UNIX ASSEMBLER FOR THE INTEL 8080 MICROPROCESSOR	UNPL1149
	UNIX ASSEMBLER FOR THE INTEL 8086 MICROPROCESSOR	UNSU1149
	UNIX ASSEMBLER REFERENCE MANUAL	UNPL1012
	8080/80 ASSEMBLER REFERENCE MANUAL	UNPL1260
	UNIX ASSEMBLER REFERENCE MANUAL FOR THE VAX 11/780	UNPL1625
REISSUE NO. 1 OF MAC-8 ASSEMBLER USER'S MANUAL		UNPL1150
IVE CONTROL CENTER SYSTEM (CSACCS)	PERFORMANCE ASSESSMENT OF CUSTOMER SERVICE AND ADMINISTRAT	UNOS1460
EDITOR'S WORKBENCH: COMPUTER PROGRAMS FOR TEXT EDITING AND ASSESSMENT (RELEASE 1.0)		UNED1541
ANALYSIS	DIRECTORY ASSISTANCE FOR UUCP	UNSU1635
QUIK: A NOVEL APPROACH TO COMPUTERIZED DIRECTORY ASSISTANCE OPERATOR WORK TIME EXPLORATORY DATA	UNSA1414	
X OPERATING SYSTEM	COMPUTER ASSISTED COMMUNICATION SYSTEM	UNSA1283
OPERATING SYSTEM	A COMPUTER ASSISTED COMMUNICATION SYSTEM. (CACS)	UNED1184
CS UNDER UNIX	ADMS, AN ASSOCIATIVE DATABASE MANAGEMENT SYSTEM FOR UNIX	UNSA1511
	ASYNCHRONOUS I/O FACILITIES FOR RAW BLOCK DEVI	UNOS1241
IMPLEMENTATION OF LARGE CONTIGUOUS FILES AND A UNIX BASED SYSTEM FOR AUTOMATED TESTING OF ASYNCHRONOUS TERMINALS AND HOSTS		UNSA1003
	AS61 - AN INTEL 8081 CROSS ASSEMBLER	UNSA1489
	AS88/AS80 - 8088/80 ASSEMBLER	UNPL1675
	ATS TO PWB/MM CONVERTER	UNPL1724
	ATS TO PWB/MM CONVERTER	UNED1300
REAL-TIME RETRIEVAL (RTLR)/ARU PROTOTYPE SYSTEM	APARSE: AN ATTRIBUTED LL(1) COMPILER GENERATOR	UNPL1532
OVERVIEW OF THE REDAS DATA BASE MANAGER IN UNIX/TS	AUDIO RESPONSE UNIT (ARU) SUBSYSTEM DESIGN FOR UNOS1306	
	AUGMENTED	UNSA1547
	UNIX/TS AUGMENTED TASK FORCE REPORT	UNOS1382
	AN AUGMENTED VERSION OF MAKE	UNOS1468
D HOSTS	A UNIX BASED SYSTEM FOR AUTOMATED TESTING OF ASYNCHRONOUS TERMINALS AN	UNSA1489
TEM	AUTOMATIC CONFIGURATION OF CS UNIX SOFTWARE	UNOS1570
EMBEDDED IN A JOB STREAM	CHANGE MANAGEMENT AUTOMATIC SCCS SIMPLE INTERFACE (CASSI)	UNSU1614
	A C-PROGRAM TO AUTOMATICALLY GENERATE JCL COMMENTS FOR DATA E	UNSU1671
	OFFICE AUTOMATION SYSTEM	UNED1627
C (SECOND EDIT)	OFFICE AUTOMATION SYSTEM (OAS) PERFORMANCE STUDY	UNOS1733
	AWK - A PATTERN SCANNING AND PROCESSING LANCIA	UNPL1208
	PROGRAMMER'S WORKBENCH DOCUMENTATION ROADMAP (8.1)	UNED1121
	A NEW INPUT-OUTPUT PACKAGE (8.10)	UNOS1159
	A GENERAL-PURPOSE SUBROUTINE LIBRARY FOR PWB/UNIX (8.11)	UNPL1157
	GUIDE TO IBM REMOTE JOB ENTRY FOR PWB/UNIX USERS (8.12)	UNOS1087
	PWB/UNIX BEGINNER'S COURSE (8.2)	UNED1188
	PWB/UNIX SHELL TUTORIAL (8.5)	UNOS1189
	PROGRAMMING IN C - A TUTORIAL (8.9)	UNPL1001
	UNIX B-TREES	UNSA1868
	A TAPE BACK-UP SYSTEM FOR THE NETWORK FILE STORE	UNSA1081
	A DATABASE TRANSACTION BACKOUT AND CRASH RECOVERY SYSTEM	UNOS1432
	UNIX/TS FILE SYSTEM BACKUP	UNSU1273
	BATTERY BACKUP FOR PDP 11/70 MOS MEMORY	UNMA1418
	BANCS FACILITY FOR MERT/UNIX	UNSA1442
	A MICRO-DDBS FOR A DISTRIBUTED DATA BASE	UNSA1360
	A VIRTUAL FIELD GENERATOR FOR A FIELDED DATA BASE	UNSA1593
	NUMERIC PATTERN RECOGNITION DATA BASE FOR UNIX SYSTEMS	UNED1085
	DIRECT II DATA BASE INDICES	UNSA1502
	THE DATA KERNEL, THE DATA BASE INTERFACE FOR MOON	UNSA1588
	YET ANOTHER UNIX DATA BASE MANAGEMENT SYSTEM SURVEY	UNG11729
	OVERVIEW OF THE REDAS DATA BASE MANAGER IN UNIX/TS AUGMENTED	UNSA1547
	CLIO - A RELATIONAL DATA BASE SYSTEM	UNSU1243
	MRCS AND THE MRCS 2 DATA BASE SYSTEM	UNSU1308
TERSE - A TECHNIQUE FOR REPORTING ON SMALL DATA BASES		UNSA1498
APPLICATION PLANNING GUIDE, RELEASE 0 OF BASIC-16		UNSA1315
	BASIC-16 PROSPECTUS	UNSA1313
	BATTERY BACKUP FOR PDP 11/70 MOS MEMORY	UNMA1418
NUCAGE	BC - AN ARBITRARY PRECISION DESK CALCULATOR LA	UNPL1053
	BEAUTIFYING C CODE	UNPL1543
	PWB/UNIX BEGINNER'S COURSE (8.2)	UNED1188
	MAC-8 C FOR BEGINNERS	UNPL1166
	UNIX FOR BEGINNERS - SECOND EDITION	UNED1042
EVALUATION OF THE REMOTE DIAGNOSTIC CONSOLE FOR USE ON UNICATIONS CONTROLLER UNDER UNIX	BELL SYSTEM PDP-11/70 COMPUTER SYSTEMS	UNMA1392
	BETA TEST OF THE COMM ICP-OUT SYNCHRONOUS COMM	UNMA1240
	UNIX AND C BIBLIOGRAPHY	UNCI1630
	SITE USERS GUIDE	UNPL1512
	ASYNCHRONOUS I/O FACILITIES FOR RAW BLOCK DEVICES UNDER UNIX	UNOS1241
	BLOSIM - A DISCRETE TIME BLOCK SIMULATOR	UNPL1079
	IMPLEMENTATION OF A SOLEMAN DATA ANALYSIS TECHNIQUE FOR PWB/U	UNSA1378
UNIX/RT AS AN APPLICATION SYSTEM FOR	BOS/LMOS DEVELOPMENT	UNOS1349
	BRAYISH: A MULTI-TASKING FACILITY FOR THE C LA	UNPL1681
	BRIDGE: A UNIX EXPERIMENT FOR HOME COMPUTER SE	UNSA1595
	AN ANALYSIS OF KERNEL MESSAGE BUFFER UTILIZATION IN UNIX/RT	UNOS1572
OPERATING SYSTEM	MOVING SYSTEM I/O BUFFERS OUT OF UNIX DATA ADDRESS SPACE	UNOS1235
REIMPLEMENTATION OF CSIE (THE COMPUTER BUFFERED INFORMATION EXCHANGE) UNDER THE UNIX	UNSA1557	
	COMPUTER BUFFERED INFORMATION EXCHANGE USER'S GUIDE	UNSA1408
	CYCLES TO BURN: THE CHALLENGE OF ABUNDANCE	UNCI1563
DOC: A DIALECT OF THE PROGRAMMING LANGUAGE C		UNPL1530
	RECENT CHANGES TO C	UNPL1498
	VARIABLE LENGTH ARGUMENT LISTS IN C	UNPL1268
	PROGRAMMING IN C - A TUTORIAL (8.9)	UNPL1001
21MX	C - LANGUAGE ORIENTED MICROPROGRAM FOR THE HP-	UNMA1058
	CTRACE AND LTRACE - C AND LEX PROGRAM DEBUGGING TOOLS	UNSA1641
D PROGRAMMING/ MTEK 9400 CO RASTER GRAPHICS SYSTEM	C AND PASCAL - PART ONE: LANGUAGE CONCEPTS	UNPL1465
	CHANGES TO C AND THE PORTABLE C COMPILER - ISSUE 1	UNPL1467
	A "C" BASED SOFTWARE INTERFACE PACKAGE FOR THE RA	UNSA1597
	UNIX AND C BIBLIOGRAPHY	UNCI1630
	A SET OF C CLASSES FOR CO-ROUTINE STYLE PROGRAMMING	UNPL1580

	BEAUTIFYING C CODE	UNPL1543
	A TOUR THROUGH THE PORTABLE C COMPILER	UNPL1409
	A TOUR THROUGH THE UNIX C COMPILER	UNPL1408
ON UNDERSTANDING THE SUPPORT OF THE PORTABLE C COMPILER	UNPL1269	
OF A PORTABLE POST-COMPILATION IMPROVER FOR THE PORTABLE C COMPILER	THE DESIGN UNPL1510	
THE SECOND PASS OF THE PORTABLE C COMPILER	UNPL1430	
	GUIDELINES FOR C COMPILER DISTRIBUTION	UNPL1229
	A C COMPILER FOR THE SEL COMPUTER	UNPL1237
CC - A PROGRAM FOR TESTING C COMPILERS	UNPL1426	
REGRESSION TESTING FOR C COMPILERS	UNSU1295	
CHANGES IN THE C ENVIRONMENT FOR UNIX/TS EDITION 1.0	UNPL1323	
MAC-8 C FOR BEGINNERS	UNPL1166	
"C" IMPORT/EXPORT USER'S GUIDE	UNPL1566	
A CHARACTER STRING SWITCH STATEMENT FOR THE C LANGUAGE	UNPL1624	
A REGULAR EXPRESSION MATCHER FOR THE C LANGUAGE	UNPL1101	
BRAVISH: A MULTI-TASKING FACILITY FOR THE C LANGUAGE	UNPL1681	
CHARACTER STRING MANIPULATION IN THE C LANGUAGE	UNPL1208	
CLASSES: AN ABSTRACT DATA TYPE FACILITY FOR THE C LANGUAGE	UNPL1533	
SOME STATISTICS ON THE USAGE OF THE C LANGUAGE	UNPL1102	
THE C LANGUAGE CALLING SEQUENCE	UNPL1207	
EVALUATION OF MICROPROCESSORS SUPPORTING THE C LANGUAGE: LSI-11, MAC-8, Z80	UNHA1347	
C LANGUAGE PORTABILITY	UNOS1204	
C LANGUAGE PORTABILITY	UNPL1204	
AN INTERACTIVE INTERFACE FOR C LANGUAGE PROGRAMS	UNPL1377	
RELATIVE CPU PERFORMANCE ON C LANGUAGE PROGRAMS	UNOS1480	
PARSE() - A C LANGUAGE ROUTINE TO PARSE A STRING INTO WORD	UNPL1271	
EXTENSIONS OF THE C LANGUAGE ROUTINES FOR MULTI-THREAD COMPUTATION	UNPL1388	
A GUIDE TO THE C LANGUAGE TYPE CONCEPT	UNPL1855	
A LIBRARY FOR UNIX USERS	UNPL1446	
A LIBRARY PERFORMANCE PROBLEM	UNPL1267	
SUPPORT FOR C ON IBM COMPUTERS	UNPL1348	
A C PROFILER FOR TEST CASE VERIFICATION	UNPL1599	
MACROS FOR ANALYZING C PROGRAM ARGUMENTS	UNPL1384	
LINT, A C PROGRAM CHECKER	UNSU1186	
SE - A STRUCTURE EDITOR PROGRAM FOR ACCESSING C PROGRAM STRUCTURES	UNPL1468	
INTRODUCING MFSC, A C PROGRAM THAT FACILITATES THE DEFINITION OF M	UNSU1609	
A SET OF LIST HANDLING ROUTINES FOR C PROGRAMS	UNPL1680	
THOUGHTS ON DEBUGGING C PROGRAMS	UNPL1486	
READ - C PROGRAMS FOR ANALYZING READABILITY	UNCI1331	
SDMP - A DEBUGGING AID FOR UNIX C PROGRAMMERS	UNPL1413	
A STYLE SHEET FOR C PROGRAMMING, ISSUE 1	UNPL1143	
THE C PROGRAMMING LANGUAGE - REFERENCE MANUAL	UNPL1002	
SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 0: PRELUDE	UNPL1353	
SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 1: STATEMENTS	UNPL1376	
SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 2: DECLARATIONS	UNPL1427	
A C ROUTINE FOR FILE NAME GENERATION	UNSU1642	
WITH THE UNIX OPERATING SYSTEM	A SET OF C ROUTINES FOR ASSOCIATIVE DATABASE OPERATIONS UNSA1615	
MINALS.	UPDATE FILES FOR THE C STANDARD LIBRARY UNCS1364	
	INDIAN HILL C STYLE AND CODING STANDARDS UNPL1356	
	CREATING C TYPES UNPL1689	
TIME-SHARING SYSTEM.	GRAFFPAC/FR80 - A C VERSION OF DEFERRED GRAFFPAC UNDER THE UNIX T UNPL1018	
TS FOR DATA EMBEDDED IN A JOB STREAM	A C-PROGRAM TO AUTOMATICALLY GENERATE JCL COMMEN UNSU1671	
A COMPUTER ASSISTED COMMUNICATION SYSTEM. (CACS)	UNED1184	
USING A COMPUTER NETWORK AS A CACHE MEMORY: DESIGN AND IMPLEMENTATION	UNOS1604	
DC - AN INTERACTIVE DESK CALCULATOR	UNPL1056	
BC - AN ARBITRARY PRECISION DESK CALCULATOR LANGUAGE	UNOS1351	
THE LARGE ARGUMENT LIST FEATURE IN UNIX/RT'S EXEC. SYSTEM CALL	IMPLEMENTATION OF UNOS1351	
	UNIX SYSTEM CALL MEASUREMENTS UNOS1113	
	A LSI-UNIX (LSX) TEST SET FOR THE CALL PROGRESS SYSTEM UNSA1619	
	LKOUT - A NEW UNIX SYSTEM CALL TO SUSPEND AND RESUME INPUT FROM USER TER UNOS1076	
	UNIX SPECIFICATION - FILE SYSTEM RELATED SYSTEM CALLS UNOS1493	
	UNIX SPECIFICATION - PROCESS RELATED SYSTEM CALLS UNOS1495	
	THE C LANGUAGE CALLING SEQUENCE UNPL1207	
ACTIVE COMPUTER CONTROLLED DATA ACQUISITION SYSTEM WITH A CAMAC REAL TIME TM-DISPLAY	AN INTER UNED1169	
USER SPACE I/O COMMANDS GIVE UNIX REAL-TIME CAPABILITIES	UNOS1714	
USING UNIX CAPABILITIES MORE EFFECTIVELY	UNOS1370	
/ND DATA ACQUISITION SYSTEM/NETWORK MANAGEMENT (EADAS/NM) CAPACITY ESTIMATION - METHODOLOGY AND DATA RE/ UNOS1449	UNOS1449	
ER - A UNIX-BASED REAL-TIME SYSTEM	A CAPACITY STUDY FOR THE SERVICE EVALUATION CENT UNSA1362	
	UNIX REFERENCE CARD - SECOND EDITION UNPKM1021	
CHANGE MANAGEMENT AUTOMATIC SCCS SIMPLE INTERFACE (CASSI)	UNSU1614	
	CAUTIONS ON THE USE OF THE ALARM SIGNAL UNOS1094	
THE CRAFT ACCESS VOICE EDITING SYSTEM (CAVES)	UNSA1416	
INTERPROCESS COMMUNICATION PERFORMANCE TRADE-OFFS IN CB - UNI	UNOS1288	
AUTOMATIC CONFIGURATION OF CB UNIX SOFTWARE	UNOS1570	
INTERPROCESS COMMUNICATION MECHANISMS IN CB-UNIX	UNOS1234	
CHARACTER DEVICE DRIVER DEVELOPMENT FOR CB-UNIX OPERATING SYSTEM	UNOS1424	
GE) UNDER THE UNIX OPERATING SYSTEM REIMPLEMENTATION OF CBIE (THE COMPUTER SUPPORTED INFORMATION EXCHAN UNSA1557	UNSA1557	
MANIPULATION AND CONVERSION LIBRARY FOR SWITCHING CONTROL CENTER	STRING UNPL1211	
A CAPACITY STUDY FOR THE SERVICE EVALUATION CENTER - A UNIX-BASED REAL-TIME SYSTEM	UNSA1362	
UNIX LINK TO MBS LINE PRINTER AND COMPUTER CENTER SERVICES	UNHA1161	
ASSESSMENT OF CUSTOMER SERVICE AND ADMINISTRATIVE CONTROL CENTER SYSTEM (CSACCS)	PERFORMANCE UNOS1450	
X OPERATING SYSTEM	CYCLES TO BURN: THE CHALLENGE OF ABUNDANCE UNG11583	
E	CHARACTER DEVICE DRIVER DEVELOPMENT FOR CB-UNI UNOS1424	
NGUAGE	CHARACTER STRING MANIPULATION IN THE C LANGUAGE UNPL1208	
	A CHARACTER STRING SWITCH STATEMENT FOR THE C LANGUAGE UNPL1624	
MS	LOAD CHARACTERIZATION FOR SDS/UNIX UNOS1436	
	FSCK - THE UNIX/TS FILE SYSTEM CHECK PROGRAM UNOS1463	
	LINT, A C PROGRAM CHECKER UNSU1186	
	SANLANG - A LANGUAGE FOR CHECKING DATA CONSISTENCY UNPL1723	
	CHECKING FILE ACCESS PERMISSIONS IN UNIX SYSTEM UNOS1385	
	HARDWARE CHECKING FOR NULL POINTERS UNMA1626	
	CIRCUIT DESIGN AIDS ON UNIX UNED1165	
	THE UNIX CIRCUIT DESIGN SYSTEM UNSU1631	
E AND GRAPHIC AID FOR THE STRUCTURED DESIGN OF INTEGRATED CIRCUITS MULGA - MODULAR UNIX BASED LANGUAGE UNSA1551	UNSA1551	
ING SYSTEM: A MULTI-MACHINE UNIX FILE SYSTEM USING VIRTUAL CIRCUITS THE TRANSPARENT FILE SHAR UNSU1687	UNSU1687	
VIRTUAL CIRCUITS IN A MULTIPLE UNIX SYSTEM UNSU1713	UNSU1713	
CIRCULARLY CONNECTED PROCESS PIPELINES UNSU1587	UNSU1587	
E C LANGUAGE	CLASSES: AN ABSTRACT DATA TYPE FACILITY FOR TH UNPL1533	

	A SET OF C CLASSES FOR CO-ROUTINE STYLE PROGRAMMING	UNPL1560
	UNIX SUPPORT CLASSIFICATIONS FOR PG-1C300 - ISSUE 2	UNSD1046
	A SUBROUTINE PACKAGE TO DO PROCESS CLEANUP	UNGS1494
	CLIO - A RELATIONAL DATA BASE SYSTEM	UNSU1243
PROGRAM PROFILING UNDER MERT USING A DEC KW11-P CLOCK	KW11-P CLOCK	UNSU1546
	A CONTINUOUS SERVICE REAL TIME CLOCK FOR DIGITAL COMPUTERS	UNHA1048
	USING A LINE CLOCK TO ESTIMATE MEAN DISK ACCESS TIME	UNHA1282
	CB, A UNIX DRIVER FOR THE MINITAPE SYSTEM	UNOS1167
QUESTIONS AND ENHANCEMENTS	CHANGE MANAGEMENT EDITOR (CMED)	UNED1659
	A SET OF C CLASSES FOR CO-ROUTINE STYLE PROGRAMMING	UNGS1253
	BEAUTIFYING C CODE	UNPL1560
	SOCCOM: LSX SHARED OBJECT CODE AND COMMON MEMORY SYSTEM	UNOS1583
	THE EVOLUTION OF A SOURCE CODE CONTROL SYSTEM	UNSU1304
	SOURCE CODE CONTROL SYSTEM USER'S GUIDE	UNOS1367
	THE DESIGN OF A PORTABLE POST-COMPILe CODE IMPROVER FOR THE PORTABLE C COMPILER	UNPL1510
S ON PWS/UNIX.	USERS' GUIDE TO CODE: THE PARASITE-BASED CODING SYSTEM	UNSA1587
	NROFF/TROFF FORMATTING CODES FOR DEPARTMENTAL ORGANIZATION DIRECTORIES	UNED1115
	INDIAN HILL C STYLE AND CODING STANDARDS	UNPL1256
	USERS' GUIDE TO CODE: THE PARASITE-BASED CODING SYSTEM	UNSA1567
	QUEST - A COMPUTER SYSTEM TO COLLECT QUESTIONNAIRE DATA	UNSU1172
OPERATING SYSTEM	AN INTELLIGENT FAST COLOR DISPLAY	UNSA1341
LLER UNDER UNIX	A DEVICE DRIVER FOR THE RAMTEX 9400 COLOR RASTER GRAPHICS SYSTEM UNDER THE UNIX OP	UNSA1598
	BETA TEST OF THE COMM ICP-DUP SYNCHRONOUS COMMUNICATIONS CONTROL	UNHA1240
	A REVISED ERPT COMMAND	UNOS1270
	UUCP ADMINISTRATORS' FILE AND THE LUNAME COMMAND	UNOS1490
	EXAMPLES OF CONVERTING USC SHELL COMMAND FILES FOR THE NEW SHELL	UNSU1210
	USE OF THE REVISED UNIX-TO-UNIX COPY COMMAND FOR LAB 323	UNOS1361
OL	USING A COMMAND LANGUAGE AS THE PRIMARY PROGRAMMING TO	UNPL1462
	COMMAND -- A ROUTINE TO HANDLE COMMAND LINE PARSING	UNPL1260
	MINUTES, ISCC COMMON COMMAND SUBCOMMITTEE	UNGI1340
	UNIX COMMAND SYNTAX	UNOS1358
	VOTED - A VOICE COMMAND TEXT EDITOR	UNED1708
	CUT AND PASTE - TWO UNIX WORD PROCESSING COMMANDS	UNED1205
	ON THE INCONSISTENCIES OF UNIX COMMANDS	UNOS1325
	UNIX RELEASE 4.0 - HIGHLIGHTS OF CHANGES TO COMMANDS	UNOS1661
FILES (SCROFF)	UNIX COMMANDS FOR MANAGERS AND NON-PROGRAMMERS	UNED1705
	SHELL COMMANDS FOR RELATIONAL OPERATIONS ON FILED	UNSA1529
	USER SPACE I/O COMMANDS GIVE UNIX REAL-TIME CAPABILITIES	UNOS1714
ITY	COSNIX FILE MANAGEMENT (FM) COMMAND-SOFTWARE DEVELOPMENT AND CONTROL FACIL	UNOS1379
	MINUTES, ISCC COMMON COMMAND SUBCOMMITTEE	UNGI1340
	CROSS ASSEMBLER DESIGN ON UNIX (COMMON FUNCTIONS)	UNPL1719
	SOCCOM: LSX SHARED OBJECT CODE AND COMMON MEMORY SYSTEM	UNOS1583
	A SHELL OPERATOR FOR INTER-MACHINE COMMUNICATION	UNGS1499
	DIRECT II INTERPROCESS COMMUNICATION	UNOS1363
	PROPOSAL FOR UNIX INTERPROCESS COMMUNICATION	UNOS1090
	PORT - A NEW INTER-PROCESS COMMUNICATION FACILITY UNDER UNIX	UNOS1230
	UNIX SOFTWARE DISTRIBUTION BY COMMUNICATION LINK	UNOS1279
	INTERPROCESS COMMUNICATION MECHANISMS IN CS-UNIX	UNOS1234
NI	INTERPROCESS COMMUNICATION PERFORMANCE TRADE-OFFS IN CS - U	UNOS1288
	COMPUTER ASSISTED COMMUNICATION SYSTEM	UNSA1263
	A COMPUTER ASSISTED COMMUNICATION SYSTEM. (CACS)	UNED1184
	BETA TEST OF THE COMM ICP-DUP SYNCHRONOUS COMMUNICATIONS CONTROLLER UNDER UNIX	UNHA1240
ED UNIX SYSTEMS	INTER-PROCESS COMMUNICATIONS FACILITY FOR TRANSACTION ORIENT	UNOS1303
DEVICE DRIVER FOR THE PCL11-A - A PARALLEL INTERPROCESSOR COMMUNICATIONS LINK	A UNIX	UNHA1242
	EXPERIMENTAL OFFICE COMMUNICATIONS SERVICES - MESSAGE SYSTEM	UNSA1421
INC	COMMAND -- A ROUTINE TO HANDLE COMMAND LINE PARS	UNPL1260
	RECOMMENDATIONS FOR A COMPANY-WIDE UNIX EDUCATION PROGRAM	UNSD1291
	FORMAL SPECIFICATION OF X.25 COMPATIBLE LINK PROTOCOL	UNHA1369
	AN INTEL COMPATIBLE 8048-48 CROSS ASSEMBLER	UNSA1383
	A PORTABLE FORTRAN 77 COMPILER	UNPL1246
	A TOUR THROUGH THE PORTABLE C COMPILER	UNPL1409
	A TOUR THROUGH THE UNIX C COMPILER	UNPL1408
	ON UNDERSTANDING THE SUPPORT OF THE PORTABLE C COMPILER	UNPL1269
A PORTABLE POST-COMPILe CODE IMPROVER FOR THE PORTABLE C COMPILER	THE DESIGN OF	UNPL1510
	THE SECOND PASS OF THE PORTABLE C COMPILER	UNPL1430
	CHANGES TO C AND THE PORTABLE C COMPILER - ISSUE 1	UNPL1467
	YACC - YET ANOTHER COMPILER COMPILER	UNPL1013
	GUIDELINES FOR C COMPILER DISTRIBUTION	UNPL1229
	A C COMPILER FOR THE SEL COMPUTER	UNPL1237
	APARSE: AN ATTRIBUTED LL(1) COMPILER GENERATOR	UNPL1532
	IMPLEMENTATION OF A PORTABLE FORTRAN 77 COMPILER USING MODERN	UNPL1354
	CQ - A PROGRAM FOR TESTING C COMPILERS	UNPL1426
	REGRESSION TESTING FOR C COMPILERS	UNSU1295
	A MANUAL FOR THE TMG COMPILER-WRITING LANGUAGE	UNPL1008
	C LANGUAGE ROUTINES FOR MULTI-THREAD COMPUTATIONS	UNPL1386
	A C COMPILER FOR THE SEL COMPUTER	UNPL1237
	A UNIX OPERATING SYSTEM FOR THE DEC VAX-11/780 COMPUTER	UNOS1297
	COMPUTER ASSISTED COMMUNICATION SYSTEM	UNSA1263
THE UNIX OPERATING SYSTEM	A COMPUTER ASSISTED COMMUNICATION SYSTEM. (CACS)	UNED1184
GUIDE	REIMPLEMENTATION OF CSIE (THE COMPUTER BUFFERED INFORMATION EXCHANGE) UNDER	UNSA1557
	COMPUTER BUFFERED INFORMATION EXCHANGE USER'S	UNSA1406
URE	COMPUTER CENTER SERVICES	UNHA1151
	COMPUTER CONFERENCING - PAST, PRESENT, AND FUTURE	UNSA1592
	COMPUTER CONFERENCING SYSTEM	UNSA1591
	COMPUTER CONSOLE	UNHA1653
	COMPUTER CONTROLLED DATA ACQUISITION SYSTEM VI	UNED1168
	COMPUTER DETECTION OF TYPOGRAPHICAL ERRORS	UNED1019
	COMPUTER DISPLAYED FORMS	UNED1117
ER NETWORK	THE LEARN PROGRAM FOR COMPUTER INSTRUCTION: (2ND EDITION)	UNED1104
IMPLEMENTATION	DATA SWITCH REQUIREMENTS FOR A LOCAL AREA COMPUTER NETWORK	UNOS1717
	USING A COMPUTER NETWORK AS A CACHE MEMORY: DESIGN AND	UNOS1580
	AN ANALYTIC MODEL FOR DISTRIBUTED COMPUTER PERFORMANCE EVALUATION	UNOS1604
ENT (RELEASE 1.0)	MAKE - A PROGRAM FOR MAINTAINING COMPUTER PROGRAMS	UNOS1682
YPT	WRITER'S WORKBENCH: COMPUTER PROGRAMS FOR TEXT EDITING AND ASSESSMENT	UNED1541
	AN ESSAY IN COMPUTER SECURITY: DECRYPTING A FORMER UNIX CR	UNOS1346

	BRIDGE: A UNIX EXPERIMENT FOR HOME COMPUTER SERVICES OILLED INTERFACE BETWEEN AN INTELLEC MOS AND A TIME-SHARED COMPUTER SYSTEM.	UNSA1595	
	THE TANDEM COMPUTER SYSTEM - A FIRST LOOK	UNSA1168	
	QUEST - A COMPUTER SYSTEM TO COLLECT QUESTIONNAIRE DATA	UNSA1330	
N	A STAND ALONE OPERATING SYSTEM (ISIS) AND A TIME SHARED COMPUTER SYSTEM (UNIX)	UNSA1172	
	REMOTE DIAGNOSTIC CONSOLE FOR USE ON BELL SYSTEM PDP-11/70 COMPUTER SYSTEMS	UNSA1433	
	AN INTERFACE BETWEEN COMPUTER SYSTEMS	UNSA1392	
	EVALUATION OF THE R COMPUTER TYPSETTING OF TECHNICAL JOURNALS ON UNED1089	UNED1089	
	A CONTINUOUS SERVICE REAL TIME CLOCK FOR DIGITAL COMPUTERS	UNHA1048	
	SIM - A LANGUAGE FOR SIMULATING COMPUTERS	UNPL1097	
	SUPPORT FOR C ON IBM COMPUTERS	UNPL1348	
	UNIX ON THE PDP-11/23 AND 11/34 COMPUTERS	UNOS1588	
	QUIK: A NOVEL APPROACH TO COMPUTERIZED DIRECTORY ASSISTANCE SERVICES	UNSU1245	
	COMPUTERIZED OFFICE FILING SYSTEM	UNED1175	
	CONCURRENCY AND CRASH RECOVERY IN MODM	UNSA1620	
O	OCRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PR UNPL1107	
O	OCRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PR UNSD1107	
O	OCRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PR UNOS1107	
O	OCRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PR UNED1107	
O	OCRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PR UNHA1107	
O	OCRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PR UNPBL1107	
O	OCRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PR UNSU1107	
O	OCRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON COMPUTER CONFERENCING - PAST, PRESENT, AND FUTURE	UNSA1592	
	COMPUTER CONFERENCING SYSTEM	UNSA1591	
	USAGE AND PERFORMANCE EVALUATION OF A COMPUTER CONFERENCING SYSTEM	A REAL UNOS1122	
-	-TIME TIME-SHARED OPERATING SYSTEM FOR AN SEL/86 - PDP-11 CONFIGURATION		
	MERT HARDWARE CONFIGURATION	UNHA1161	
	AUTOMATIC CONFIGURATION OF CB UNIX SOFTWARE	UNOS1570	
	STANDARD UNIX CONFIGURATIONS - ISSUE 2	UNHA1365	
	CIRCULARLY CONNECTED PROCESS PIPELINES	UNSA1587	
S	2DSH - AN EXPERIMENTAL SHELL FOR CONNECTING PROCESSES WITH MULTIPLE DATA STREAM	UNOS1585	
	DATABASE IMPLEMENTATION CONSIDERATIONS	UNOS1576	
SYSTEM WORK	PRELIMINARY CONSIDERATIONS FOR EXPLORATORY UNIX OPERATING	UNPL1391	
	SANLANG - A LANGUAGE FOR CHECKING DATA CONSISTENCY	UNPL1723	
	REMOTE ACCESS TO AN ELECTRONIC COMPUTER CONSOLE	UNHA1683	
	EC MOS AND A TIME-SHARED COMPUTER SYSTEM.	A CONSOLE CONTROLLED INTERFACE BETWEEN AN INTELLIGENT COMPUTER SYSTEM	UNSA1168
	EVALUATION OF THE REMOTE DIAGNOSTIC	CONSOLE FOR USE ON BELL SYSTEM PDP-11/70 COMPUTER SYSTEMS	UNMA1392
	CONTENTS OF UNIX/RT	UNOS1231	
	SOME TIMING MEASUREMENTS OF EMTS, MESSAGE TRANSFERS AND CONTEXT SWITCHES FOR UNIX/RT	UNGS1500	
	IMPLEMENTATION OF LARGE CONTIGUOUS FILES AND ASYNCHRONOUS I/O IN UNIX	UNSU1003	
COMPUTERS	A CONTINUOUS SERVICE REAL TIME CLOCK FOR DIGITAL COMPUTERS	UNHA1048	
	UNIX/RT ON A DEC VAX-11/780 PROJECT CONTRACT	UNOS1372	
	EXPERIENCE WITH HARDWARE SERVICE CONTRACTORS ON PDP-11'S	UNHA1261	
	DEVELOPMENT OF A PROGRAM FOR PARTS INVENTORY CONTROL	UNSA1478	
	UNIX INITIALIZATION AND PROCESS CONTROL	UNOS1128	
	SOURCE CONTROL - TOOLS = STABLE SYSTEMS	UNOS1588	
	DECENTRALIZED TRANSACTION CONTROL AND CRASH RECOVERY	UNSU1251	
	A PERIPHERAL PROCESSOR INTERACTIVE CONTROL AND DATA ACQUISITION	UNOS1288	
	PROGRAM GENERIC CONTROL AND DOCUMENTATION ON UNIX	UNSD1099	
	STRING MANIPULATION AND CONVERSION LIBRARY FOR SWITCHING CONTROL CENTER	UNPL1211	
	ORMANCE ASSESSMENT OF CUSTOMER SERVICE AND ADMINISTRATIVE CONTROL CENTER SYSTEM (CSACCS)	PERF UNOS1460	
	NIX FILE MANAGEMENT (FM) COMMAND-SOFTWARE DEVELOPMENT AND CONTROL FACILITY	COS UNOS1379	
	A VIEW ON SOFTWARE CONTROL FOR UNIX RELEASES	UNOS1715	
	AN INTERACTIVE CONTROL LANGUAGE FOR SIM	UNPL1105	
TS	UNIX MICROCOMPUTER CONTROL OF APPARATUS, MACHINERY, AND EXPERIMENTATION	UNSU1219	
ION MATRIX TECHNIQUES	SYNTHESIS OF A HALF-DUPLEX LINE CONTROL PROCEDURE FOR UNIX USING STATE TRANSIT	UNOS1173	
	MICROCODING THE VAX 11/780 USER-WRITABLE CONTROL STORE	UNPL1678	
	A MICROPROCESSOR BASED DATA ACQUISITION AND CONTROL SYSTEM	UNOS1535	
	THE EVOLUTION OF A SOURCE CODE CONTROL SYSTEM	UNSU1304	
	SOURCE CODE CONTROL SYSTEM USER'S GUIDE	UNOS1367	
C	REAL TIME TM-DISPLAY	AN INTERACTIVE COMPUTER CONTROLLED DATA ACQUISITION SYSTEM WITH A CAMA	UNED1169
	NO A TIME-SHARED COMPUTER SYSTEM.	A CONSOLE CONTROLLED INTERFACE BETWEEN AN INTELLEC MOS	UNSA1168
	PRE AND POST PROCESSORS FOR THE UNIX EDITOR TO PROVIDE CONTROLLED USER INTERACTION	UNED1554	
	/V AND TRAFFIC PERFORMANCE ANALYSIS FOR SATELLITE NETWORK CONTROLLER (SNC) FOR PICTUREPHONE MEETING SER/	UNOS1582	
	BETA TEST OF THE COMM ICP-DUP SYNCHRONOUS COMMUNICATIONS CONTROLLER UNDER UNIX	UNHA1240	
	POWER SUPPLY CONTROLLER USING A MAC 8 MICRO PROCESSOR	UNHA1299	
	DOS-BATCH TO UNIX CONVERSION	UNOS1120	
	SHCVT - A TOOL FOR SHELL CONVERSION	UNOS1244	
	UNIX FILE SYSTEM CONVERSION	UNOS1319	
	UNIX/370 CONVERSION GUIDE	UNOS1562	
R	STRING MANIPULATION AND CONVERSION LIBRARY FOR SWITCHING CONTROL CENTER	UNPL1211	
II	CONVERSION OF SICPPR FILES FROM UNIX TO RAMIS	UNSA1399	
	ATS TO PWB/MM CONVERTER	UNED1300	
	GUIDELINES FOR CONVERTING MERT SOFTWARE TO UNIX/RT	UNOS1476	
	EXAMPLES OF CONVERTING USC SHELL COMMAND FILES FOR THE NEW	UNSU1210	
	COOPERATION IN THE OPERATING SYSTEM	UNOS1664	
	ESCAPING UNIX: A MECHANISM FOR DEMON	UNOS1361	
	USE OF THE REVISED UNIX-TO-UNIX COPY COMMAND FOR LAB 323	UNOS1264	
	--INTRODUCTION TO SOFTWARE" - A VIDEOTAPE COURSE	UNPL1199	
	DIVISION 56 UNIX COURSE	UNOS1429	
	PWB/UNIX BEGINNER'S COURSE (B.2)	UNED1188	
	UNIX COURSES	UNOS1277	
	RELATIVE CPU PERFORMANCE ON C LANGUAGE PROGRAMS	UNOS1480	
ALS	EFFECTS ON UNIX HOST CPU RESOURCES BY THE USE OF INTELLIGENT TERMIN	UNOS1328	
	CQ - A PROGRAM FOR TESTING C COMPILERS	UNPL1426	
	CRAFT ACCESS SYSTEM SOFTWARE STANDARDS	UNSA1366	
	THE CRAFT ACCESS VOICE EDITING SYSTEM (CAVES)	UNSA1416	
CMP	A PROGRAM FOR COMPARING PROGRAM TEXT AFTER A SYSTEM CRASH.	T UNOS1092	
	DECENTRALIZED TRANSACTION CONTROL AND CRASH RECOVERY	UNSA1251	
	CONCURRENCY AND CRASH RECOVERY IN MODM	UNSA1620	
	A DATABASE TRANSACTION BACKOUT AND CRASH RECOVERY SYSTEM	UNOS1432	
	ON MAKING THE UNIX FILE SYSTEM CRASH RESISTANT	UNOS1555	
	YET ANOTHER CRASH RESISTANT UNIX FILE SYSTEM	UNOS1808	
DEAD	DEAD - A PROGRAM FOR ANALYZING UNIX SYSTEM CRASHES	UNOS1093	
	MYMM - AN EASIER WAY TO CREATE MEMORANDA	UNED1649	
	CREATING C TYPES	UNPL1689	
	A USER MANUAL FOR THE MENU CREATION AND INTERPRETATION SYSTEM	UNSA1596	
	DESCRIPTION OF A MENU CREATION AND INTERPRETATION SYSTEM	UNSA1548	
	OPTIMIZING PROCESS CREATION AND TERMINATION MECHANISMS IN UNIX	UNOS1236	

NS)	AN, INTEL COMPATIBLE 8048-49 CROSS ASSEMBLER AS51 - AN INTEL 8051 CROSS ASSEMBLER AS85/AS280 - 8085/Z80 CROSS ASSEMBLER	UNSA1383 UNSU1875 UNPL1724
NS)	CROSS ASSEMBLER DESIGN ON UNIX (COMMON FUNCTION) CROSS ASSEMBLER DESIGN ON UNIX (UNIQUE FUNCTION)	UNPL1719 UNPL1720
	EDX - A CRT EDITOR EXTENSION TO THE UNIX TEXT EDITOR PIC - A CRUDE GRAPHICS LANGUAGE FOR TYPESETTING	UNED1708 UNSA1558
	AN ESSAY IN COMPUTER SECURITY: DECRYPTING A FORMER UNIX CRYPT CUSTOMER SERVICE AND ADMINISTRATIVE CONTROL CENTER SYSTEM (CSACCS)	UNOS1345
	INTER SYSTEM (CSACCS)	PERFORMANCE ASSESSMENT OF C
	THE EXTRACTION AND REDUCTION OF PBS/UNIX SOFTWARE MONITOR	UNOS1450 UNSU1641 UNSU1286
	RELATIONAL QUERIES ON HIERARCHICAL	UNOS1450 UNED1205 UNCI1563
	REDAS - A RELATIONAL	UNPL1728 UNSA1252
	A PERIPHERAL PROCESSOR INTERACTIVE CONTROL AND DATA	UNSA1252
	DAS/NM) CAPACITY ESTIMATION - METHODOLOGY/ ENGINEERING AND DATA	UNOS1535
	TW-DISPLAY	UNED1169
	MOVING SYSTEM I/O BUFFERS OUT OF UNIX	UNOS1235
	DIRECTORY ASSISTANCE OPERATOR WORK TIME EXPLORATORY	UNSA1414
	IMPLEMENTATION OF A BOOLEAN	UNSA1222
	A MICRO-DBMS FOR A DISTRIBUTED	UNSA1376 UNSA1350
	A VIRTUAL FIELD GENERATOR FOR A FIELDED	UNSA1593
	NUMERIC PATTERN RECOGNITION	UNED1086
	DIRECT II	UNSA1502
	YET ANOTHER UNIX	UNCI1729
	OVERVIEW OF THE REDAS	UNSA1547
	CLIO - A RELATIONAL	UNSU1243
	WRCS AND THE WRCS 2	UNSU1208
	TERSE - A TECHNIQUE FOR REPORTING ON SMALL	UNSA1496
	SANLANG - A LANGUAGE FOR CHECKING	UNPL1723
	A C-PROGRAM TO AUTOMATICALLY GENERATE JCL COMMENTS FOR	UNSU1671
	M2 DATA ENTRY AND UPDATE MANUAL	UNSA1524
	A GENERALIZED DATA ENTRY SYSTEM	UNSU1156
	UNIED - A DATA FILE EDITOR	UNED1317
	DATA FILE MANIPULATION ROUTINES	UNSA1574
	THE DATA KERNEL, THE DATA BASE INTERFACE FOR MOON	UNSA1586
	MI - AN INTERACTIVE HIERARCHICAL	UNSA1390
	DMAN: A DATA MANIPULATION LANGUAGE	UNPL1584
	DIRECT II	UNSA1465
	DATA STREAMS	UNOS1585
	DATA SWITCH REQUIREMENTS FOR A LOCAL AREA COMP	UNCS1580
	SYSTEM FOR ENTERING DATA THROUGH COMPUTER DISPLAYED FORMS	UNED1117
	PORTING THE ADAPT	UNSA1373
	CLASSES: AN ABSTRACT	UNPL1533
	NFTS: TOOLS FOR PROCESSING DATA WITH NAMED FIELDS	UNSU1346
	A DATA-BASE MANAGEMENT SYSTEM UNDER MERT	UNSA1374
	STRUCTURE OF A UNIX DATABASE FILE SYSTEM	UNOS1607
	DATABASE IMPLEMENTATION CONSIDERATIONS	UNSA1576
	STRUCTURED DATABASE MANAGEMENT SYSTEM	UNSA1566
	ADMS, AN ASSOCIATIVE DATABASE MANAGEMENT SYSTEM FOR UNIX	UNSA1511
	A SET OF C ROUTINES FOR ASSOCIATIVE	UNSA1615
	A DESIGN AIDE FOR RELATIONAL	UNSA1725
	YADS - YET ANOTHER DATABASE SYSTEM	UNSA1461
	DSIS - A DATABASE SYSTEM WITH INTERRELATIONAL SEMANTICS	UNSA1727
	A DATABASE TRANSACTION BACKOUT AND CRASH RECOVER	UNCS1432
	A DATAKIT NETWORK MONITORING SYSTEM WITH A DIALUP	UNHA1460
	THE TELETYPE DATASPEED 40 LINE PRINTER AS A UNIX PERIPHERAL	UNHA1255
	UNIX DM-11 DRIVER TO SUPPORT BOTH TELETYPEWRITER AND DATASPEED 40 TIMESHARING TERMINALS.	UNCS1077
	A SIMULATOR FOR THE DATASPEED 40/4 TERMINAL ON THE MP284X	UNSU1611
	DA118 DRIVER IN MERT	UNOS1212
	ENHANCEMENTS TO THE UNITY DBMS	UNSA1646
	UNITY - A SMALL DBMS FOR A UNIX ENVIRONMENT	UNSA1438
	OC - AN INTERACTIVE DESK CALCULATOR	UNPL1086
	DEAD - A PROGRAM FOR ANALYZING UNIX SYSTEM CRA	UNOS1093
	SDB: A SYMBOLIC DEBUGGER	UNCS1389
	XDB: AN EXTENDED DEBUGGER	UNCS1718
	POOP - A DEBUGGING AID	UNPL1538
	SDMP - A DEBUGGING AID FOR UNIX C PROGRAMMERS	UNPL1413
	THOUGHTS ON DEBUGGING C PROGRAMS	UNPL1486
	CTRACE AND LTRACE - C AND LEX PROGRAM DEBUGGING TOOLS	UNSU1641
	ASSEMBLER FOR THE DEC KMC11 MICROPROCESSOR	UNCS1146
	DESCRIPTION AND ANALYSIS OF THE DEC KMC11 MICROPROCESSOR	UNPL1225
	PROGRAM PROFILING UNDER MERT USING A DEC POP-11/70 UNDER THE UNIX OPERATING SYSTEM	UNOS1233
	UNIX DISK FORMATTER FOR DEC RPCS PACKS (RPGFMT)	UNSU1677
	PORTING NROFF/TROFF TO UNIX ON DEC VAX 11/780, UNIVAC 1100, IBM 370, AND TO I	UNED1687
	A UNIX OPERATING SYSTEM FOR THE DEC VAX-11/780 COMPUTER	UNOS1287
	UNIX/RT ON A DEC VAX-11/780 PROJECT CONTRACT	UNCS1372
	DECENTRALIZED TRANSACTION CONTROL AND CRASH RE	UNSU1251
	COVERY	UNPL1427
	SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 2: DECLARATIONS	UNOS1345
	AN ESSAY IN COMPUTER SECURITY: DECRYPTING A FORMER UNIX CRYPT	UNSU1676
	TRANS: A FACILITY TO TRANSFER FILES BETWEEN UNIX AND DECSYSTEM-10 OR UNIX AND VM/CMS	UNPL1016
	GRAFPAC/PR80 - A C VERSION OF DEFERRED GRAFPAC UNDER THE UNIX TIME-SHARING S	UNSU1609
	INTRODUCING MFSG, A C PROGRAM THAT FACILITATES THE DEFINITION OF MFS SCREENS	UNCS1664
	ESCAPING UNIX: A MECHANISM FOR DEMON COOPERATION IN THE OPERATING SYSTEM	UNCS1395
	DEPARTMENT 3821 MAXIUNIX WORKPLAN	UNCS1395

WORK RELATED TO UNIX-TO-UNIX FILE TRANSFER (UUCP) IN DEPARTMENT 3624 - RETROSPECTIVE AND OUTLOOK UNOS1503
 979/80 DEPARTMENT 3624'S WORKPLAN FOR NETWORKING IN 1 UNOS1435
 ELECTION, PROCUREMENT, INSTALLATION, AND USAGE OF UNIX BY DEPARTMENT 5254. NOTES ON THE S UNOS1201
 MERT RELEASE 0 FROM DEPARTMENT 8234 UNOS1183
 NIX. NROFF/TROFF FORMATTING CODES FOR DEPARTMENTAL ORGANIZATION DIRECTORIES ON PWS/U UNED1115
 STANDARDIZING FILE TYPES IN THE INODES OF UNIX VERSION 7 DESCENDANTS UNOS1256
 ENVIRONMENT DESIGNER'S WORKBENCH - PHILOSOPHY UNSA1816
 ENT DESIGNER'S WORKBENCH - PROVIDING A PRODUCTION UNSA1617
 DESIGNER'S WORKBENCH - THE PROGRAMMER ENVIRONM UNSA1618
 DESIGNER'S WORKBENCH - THE USER ENVIRONMENT UNSA1643
 DC - AN INTERACTIVE DESK CALCULATOR UNPL1056
 BC - AN ARBITRARY PRECISION DESK CALCULATOR LANGUAGE UNPL1053
 COMPUTER DETECTION OF TYPOGRAPHICAL ERRORS UNED1019
 DEVELOPING AN M2 APPLICATION UNSA1523
 D DATASPEED 40 TIMESHARING TERMINALS. UNIX DM-11 DRIVER TO SUPPORT BOTH TELETYPEWRITER AND UNOS1077
 11/70 COMPUTER SYSTEMS EVALUATION OF THE REMOTE DIAGNOSTIC CONSOLE FOR USE ON BELL SYSTEM PDP- UNMA1392
 A UNIX DIAGRAM NETWORK UNOS1568
 A DIAL-UP NETWORK OF UNIX SYSTEMS UNOS1437
 DOC: A DIALECT OF THE PROGRAMMING LANGUAGE C UNPL1530
 A DESCRIPTION OF AUTOMATIC DIALING USING THE UNIX OPERATING SYSTEM UNOS1180
 A DATAKIT NETWORK MONITORING SYSTEM WITH A DIALUP FACILITY UNMA1460
 WRITING TOOLS - THE STYLE AND DICTION PROGRAMS UNED1497
 SDIFF, A SIDE-BY-SIDE DIFFERENCE PROGRAM UNSU1328
 AN ALGORITHM FOR DIFFERENTIAL FILE COMPARISON UNED1083
 A CONTINUOUS SERVICE REAL TIME CLOCK FOR DIGITAL COMPUTERS UNHA1048
 CATION SOFTWARE DIRECT II - AN APPROACH TO THE DESIGN OF APPLI UNSA1726
 DIRECT II DATA BASE INDICES UNSA1502
 DIRECT II DATA REPRESENTATION AND MANIPULATION UNSA1455
 DIRECT II IN-CORE TABLES: USER'S GUIDE UNSA1412
 DIRECT II INTERPROCESS COMMUNICATION UNOS1368
 THE DIRECT II SCHEDULER UNOS1462
 DIRECT II SERVICE DISPATCHER UNSA1425
 DIRECT II SORT UTILITIES UNSA1454
 DIRECT II VAX PERFORMANCE IMPROVEMENT ESTIMATE UNOS1422
 THE DIRECT II VIRTUAL PHOTOTYPESETTER UNED1515
 ROFF/TROFF FORMATTING CODES FOR DEPARTMENTAL ORGANIZATION DIRECTORIES ON PWS/UNIX. N UNED1115
 ATORY DATA ANALYSIS DIRECTORY ASSISTANCE FOR UUCP UNSU1635
 QUIK: A NOVEL APPROACH TO COMPUTERIZED DIRECTORY ASSISTANCE OPERATOR WORK TIME EXPLOR UNSA1414
 UNIX LINE DISCIPLINE FOR IBM 2740-1 PRCTOCOL UNOS1481
 BLOSIM - A DISCRETE TIME BLOCK SIMULATOR UNPL1079
 USING A LINE CLOCK TO ESTIMATE MEAN DISK ACCESS TIME UNHA1282
 UNIX DISK FORMATTER FOR DEC RPOS PACKS (RPGFMT) UNSU1577
 DIRECT II SERVICE DISPATCHER UNSA1425
 AN INTELLIGENT FAST COLOR DISPLAY UNSA1341
 USE OF DISPLAY EDITORS UNED1292
 DESIGN AND IMPLEMENTATION OF DISPLAY-ORIENTED INTERA/ THE DISPLAY TEXT EDITOR TED: A CASE STUDY IN THE D UNED1707
 TOR TED: A CASE STUDY IN THE DESIGN AND IMPLEMENTATION OF DISPLAY-ORIENTED INTERACTIVE HUMAN-INTERFACE / UNED1707
 EDTV - A DISPLAY-ORIENTED TEXT EDITOR FOR UNIX UNED1177
 SYSTEM FOR ENTERING DATA THROUGH COMPUTER DISPLAYED FORMS UNED1117
 AN ANALYTIC MODEL FOR DISTRIBUTED COMPUTER PERFORMANCE EVALUATION UNOS1682
 A MICRO-DBMS FOR A DISTRIBUTED DATA BASE UNSA1350
 SOS/NET - AN INTERACTIVE DISTRIBUTED OPERATING SYSTEM UNOS1688
 A DISTRIBUTED UNIX SYSTEM UNOS1561
 GUIDELINES FOR C COMPILER DISTRIBUTION UNPL1229
 UNIX SOFTWARE DISTRIBUTION BY COMMUNICATION LINK UNSU1279
 DIVISION 56 UNIX COURSE UNSC1429
 DMAN: A DATA MANIPULATION LANGUAGE UNPL1584
 OMERT UNSC1472
 MULTI-PROCESSOR DOC: A DIALECT OF THE PROGRAMMING LANGUAGE C UNPL1530
 DOCGEN - A SCRIPT DRIVEN PROGRAM FOR TYPING DO UNED1623
 DOCUMENTS UNED1629
 MEMO - A TOOL FOR PRODUCING AND MAINTAINING DOCUMENTS UNED1518
 TOOLS FOR PREPARATION OF TECHNICAL DOCUMENTS ON THE UNIX SYST UNED1600
 MACROS WITH TROFF AND NROFF TYPING DOCUMENTS ON THE UNIX SYSTEM: USING THE - MS UNED1028
 A GUIDE TO PREPARING DOCUMENTS ON UNIX UNED1111
 FORMATTING PROGRAM GENERIC DOCUMENTS ON UNIX UNED1170
 TYPING DOCUMENTS WITH PWS/MM (T.3) UNED1190
 NROFF MACROS FOR PRODUCING GENERIC PROGRAM DOCUMENTATION. UNED1148
 REFERENCING STANDARD UNIX DOCUMENTATION UNSD1037
 PROGRAM GENERIC CONTROL AND DOCUMENTATION OF MINICOMPUTER PRODUCT TRIALS UNSA1428
 UNIX/TS DOCUMENTATION ROAD MAP UNSD1099
 UNGI1485
 PROGRAMMER'S WORKBENCH DOCUMENTATION ROADMAP (8.1) UNED1121
 LL-LIKE INTERFACE FOR NOVIC/ PARSER: AN EXTENSIBLE, SELF DOCUMENTING, HIGHLY INTERACTIVE, MENU- AND SHE UNPL1679
 AND PASCAL - PART TWO: PROGRAM PROPERTIES AND PROGRAMMING DOMAINS / RISCH OF THE PROGRAMMING LANGUAGES C UNPL1537
 DOS-BATCH TO UNIX CONVERSION UNOS1120
 DPD: UNIX - HONEYWELL INTERFACE PROGRAMS UNOS1371
 DOCGEN - A SCRIPT DRIVEN PROGRAM FOR TYPING DOCUMENTS UNED1629
 KW11-P CLOCK DRIVER UNOS1309
 CHARACTER DEVICE DRIVER DEVELOPMENT FOR CS-UNIX OPERATING SYSTE UNOS1424
 A UNIX BASED TERMINAL DRIVER FOR IES UNSA1644
 CM, A UNIX DRIVER FOR THE MINITAPE SYSTEM UNOS1167
 SSOR COMMUNICATIONS LINK A UNIX DEVICE DRIVER FOR THE PCL11-A - A PARALLEL INTERPROCE UNMA1242
 CS SYSTEM UNDER THE UNIX OPERATING SYSTEM A DEVICE DRIVER FOR THE RAMTEK 9400 COLOR RASTER GRAPHI UNSA1598
 AN IMPROVED MAGNETIC TAPE DRIVER FOR THE UNIX/RT OPERATING SYSTEM UNOS1536
 A MEMORY DEVICE DRIVER FOR UNIX UNOS1544
 A REMOTE FILE SYSTEM DRIVER FOR UNIX UNOS1411
 A NEW DV-11 DRIVER FOR USE WITH LEAP UNOS1312
 DA11B DRIVER IN MERT UNOS1212
 SPEED 40 TIMESHARING TERMINALS. UNIX DM-11 DRIVER TO SUPPORT BOTH TELETYPEWRITER AND DATA UNOS1077
 SEMANTICS OSIS - A DATABASE SYSTEM WITH INTERRELATIONAL UNSA1727
 A NEW DV-11 DRIVER FOR USE WITH LEAP UNOS1312
 SPS PROTOCOL IMPLEMENTED FOR DV11 UNDER MERT RELEASE 0.1 UNOS1469
 /ENGINEERING AND DATA ACQUISITION SYSTEM/NETWORK MANAGEMENT (EADAS/NM) CAPACITY ESTIMATION - METHODOLOGY A/ UNCS1449
 MVM - AN EASIER WAY TO CREATE MEMORANDA UNED1649
 EASY PHOTOTYPESET VIEW GRAPHS ON UNIX UNED1139
 A PORTABLE VERSION OF THE UNIX TEXT EDITOR ED UNED1466

AWK - A PATTERN SCANNING AND PROCESSING LANGUAGE (SECOND EDITION)	UNPL1206	
WRITER'S WORKBENCH: COMPUTER PROGRAMS FOR TEXT EDITING AND ASSESSMENT (RELEASE 1.0)	UNED1541	
ADVANCED EDITING ON UNIX	UNED1108	
THE CRAFT ACCESS VOICE EDITING SYSTEM (CAVES)	UNSA1416	
SETTING UP LSI-UNIX - FIRST EDITION	UNOS1130	
SETTING UP UNIX - SEVENTH EDITION	UNOS1506	
SETTING-UP MERT - SECOND EDITION	UNOS1146	
SETTING-UP MINI-UNIX - SIXTH EDITION	UNOS1124	
THE LEARN PROGRAM FOR COMPUTER INSTRUCTION: (2ND EDITION)	UNED1104	
TYPESETTING MATHEMATICS - USER'S GUIDE (SECOND EDITION)	UNED1011	
UNIX FOR BEGINNERS - SECOND EDITION	UNED1042	
UNIX PROGRAMMER'S MANUAL - SIXTH EDITION	UNPM1014	
UNIX PROGRAMMING - SECOND EDITION	UNPM1073	
UNIX PROGRAMMING - SECOND EDITION	UNOS1073	
UNIX REFERENCE CARD - SECOND EDITION	UNPM1021	
7TH EDITION UNIX - SUMMARY	UNOS1505	
UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUME 1	UNPM1400	
UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUMES 2A & 2B	UNPM1401	
CHANGES IN THE C ENVIRONMENT FOR UNIX/TS EDITION 1.0	UNPL1323	
UNIX/TS USER'S MANUAL - EDITION 1.1	UNPM1440	
PWS/UNIX EDITION 2.0 PREPARATION	UNOS1403	
Z80 SOFTWARE DEVELOPMENT TOOLS USER'S MANUAL EDITION 3.1	UNSU1612	
A TUTORIAL INTRODUCTION TO THE UNIX TEXT EDITOR	UNED1000	
SED - A NON-INTERACTIVE TEXT EDITOR	UNED1307	
UNEDIT - A DATA FILE EDITOR	UNED1317	
VEDIT - A VOICE COMMAND TEXT EDITOR	UNED1708	
AN EXTENDED UNIX TEXT EDITOR - EX	UNED1564	
CHANGE MANAGEMENT EDITOR (CMED)	UNED1659	
A PORTABLE VERSION OF THE UNIX TEXT EDITOR ED	UNED1456	
EDX - A CRT EDITOR EXTENSION TO THE UNIX TEXT EDITOR	UNED1708	
EDTV - A DISPLAY-ORIENTED TEXT EDITOR FOR UNIX	UNED1177	
XE - A SCREEN EDITOR FOR UNIX	UNED1553	
AN INTERACTIVE SCREEN EDITOR FOR UNIX (EMACS)	UNED1542	
A TUTORIAL INTRODUCTION TO THE GRAPHICAL EDITOR (GED)	UNPL1441	
RES	SE - A STRUCTURE EDITOR PROGRAM FOR ACCESSING C PROGRAM STRUCTURE	UNPL1468
IMPLEMENTATION OF DISPLAY-ORIENTED INTERA/ THE DISPLAY TEXT EDITOR TED; A CASE STUDY IN THE DESIGN AND IMP	UNED1634	
PRE AND POST PROCESSORS FOR THE UNIX EDITOR TO PROVIDE CONTROLLED USER INTERACTION	UNED1554	
USE OF DISPLAY EDITORS	UNED1292	
EDITOR	EDTV - A DISPLAY-ORIENTED TEXT EDITOR FOR UNIX	UNED1177
RECOMMENDATIONS FOR A COMPANY-WIDE UNIX EDUCATION PROGRAM	UNSO1291	
EDX - A CRT EDITOR EXTENSION TO THE UNIX TEXT	UNED1708	
USING UNIX CAPABILITIES MORE EFFECTIVELY	UNOS1370	
THE PROGRAMMING LANGUAGE EPL	UNPL1410	
EIS-EQUIPMENT INFORMATION SERVICES	UNSA1651	
REMOTE ACCESS TO AN ELECTRONIC COMPUTER CONSOLE	UNHA1683	
ELECTRONIC MAIL WITHOUT ALIASES	UNSU1601	
C-PROGRAM TO AUTOMATICALLY GENERATE JCL COMMENTS FOR DATA EMBEDDED IN A JCL STREAM	UNOS1671	
OR UNIX/RT	SOME TIMING MEASUREMENTS OF EMTS, MESSAGE TRANSFERS AND CONTEXT SWITCHES	UNOS1500
	EMU - A SIMPLE MOS TIMING SIMULATOR	UNSA1667
	EMULATION OF UNIX ON PERIPHERAL PROCESSORS	UNOS1045
	A FAST SOFTWARE ENCRYPTION ALGORITHM	UNOS1334
X MANAGEMENT (EADAS/RT) CAPACITY ESTIMATION - METHODOLOGY	UNOS1466	
PERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (C.4)	PROGRAMMER'S WORKBENCH PA	UNPL1107
PERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (C.4)	PROGRAMMER'S WORKBENCH PA	UNSO1107
PERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (C.4)	PROGRAMMER'S WORKBENCH PA	UNED1107
PERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (C.4)	PROGRAMMER'S WORKBENCH PA	UNMA1107
PERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (C.4)	PROGRAMMER'S WORKBENCH PA	UNPM1107
PSRS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (C.4)	PROGRAMMER'S WORKBENCH PA	UNSU1107
SYNTHETIC ENGLISH SPEECH BY RULE	UNSU1028	
FINAL REPORT: SECRETARIAL WORD PROCESSING FACILITY	UNED1386	
CC UNIX PROJECT PERFORMANCE MEASUREMENTS, PROJECTIONS AND ENHANCEMENTS	UNOS1253	
EM	ENHANCEMENTS TO THE UNITY DBMS	UNSA1646
ISOR MODE	ENHANCEMENTS TO THE USC TROUBLE REPORTING SYSTEM	UNSU1338
	ENLARGING POP-11 UNIX TABLE SPACE USING SUPERV	UNOS1257
	SYSTEM FOR ENTERING DATA THROUGH COMPUTER DISPLAYED FORMS	UNED1117
	M2 DATA ENTRY AND UPDATE MANUAL	UNSA1524
	GUIDE TO UNIVAC REMOTE JOB ENTRY FOR PROGRAMMER'S WORKBENCH USERS	UNOS1217
	GUIDE TO IBM REMOTE JOB ENTRY FOR PWS/UNIX USERS (8.12)	UNOS1067
	A GENERALIZED DATA ENTRY SYSTEM	UNSU1158
DESIGNER'S WORKBENCH - PROVIDING A PRODUCTION ENVIRONMENT	UNSA1617	
DESIGNER'S WORKBENCH - THE PROGRAMMER ENVIRONMENT	UNSA1618	
DESIGNER'S WORKBENCH - THE USER ENVIRONMENT	UNSA1643	
INTERACTIVE GRAPHICS SYSTEM FOR A UNIX ENVIRONMENT	UNPL1200	
OVERLAYS IN A UNIX ENVIRONMENT	UNOS1670	
THE UNIX PROGRAMMING ENVIRONMENT	UNOS1447	
UNITY - A SMALL OSMS FOR A UNIX ENVIRONMENT	UNSA1438	
USE OF SLISTS IN A DEVELOPMENT ENVIRONMENT	UNSU1517	
CHANGES IN THE C ENVIRONMENT FOR UNIX/TS EDITION 1.0	UNPL1323	
THE FACS EXECUTION ENVIRONMENT SHELL	UNPL1677	
NEW GRAPHIC SYMBOLS FOR EGN AND NEGN (T.8)	UNED1112	
RESPONSE TO FSCK ERROR CONDITIONS IN UNIX	UNSU1633	
ENT FROM POP-11/46 IMPLEMENTATION	POP-11/70 DESIGN ERROR: HANDLING SEGMENTATION VIOLATIONS DIFFER	UNMA1380
	ON USING THE UNIX ERROR LOGGER	UNOS1178
	UNIX ERROR LOGGING	UNOS1163
	UNIX ERROR LOGGING	UNMA1163
	ERROR LOGGING IN UNIX/TS AND UNIX/RT	UNHA1284
	COMPUTER DETECTION OF TYPOGRAPHICAL ERRORS	UNED1019
CN IN THE OPERATING SYSTEM	A REVISED ERRT command	UNOS1270
R UNIX CRYPT	ESCAPING UNIX: A MECHANISM FOR DEMON COOPERATI	UNOS1664
	AN ESSAY IN COMPUTER SECURITY: DECRYPTING A FORMS	UNOS1345
	THE EVOLUTION OF A SOURCE CODE CONTROL SYSTEM	UNSU1304
	THE EVOLUTION OF THE UNIX TIME-SHARING SYSTEM	UNCI1470
	AN EXTENDED UNIX TEXT EDITOR - EX	UNED1564
IMPLEMENTATION OF CBIE (THE COMPUTER BUFFERED INFORMATION EXCHANGE) UNDER THE UNIX OPERATING SYSTEM	RE UNSA1557	

COMPUTER BUFFERED INFORMATION EXCHANGE USER'S GUIDE	UNSA1408
MENTATION OF THE LARGE ARGUMENT LIST FEATURE IN UNIX/RT'S EXEC. SYSTEM CALL	UNOS1579
THE FACS EXECUTION ENVIRONMENT SHELL	UNPL1677
QUE: A UNIX-LIKE EXECUTIVE FOR THE Z80 MICROPROCESSOR	UNSA1594
EXERCISES IN REPAIRING PWB/UNIX FILE SYSTEMS	UNOS1302
EXPANDED TEXT SAPEC FOR THE PDP 11/70.	UNOS1663
EXPANDING A UNIX/1100 FILE SYSTEM	UNOS1654
PCL-11: EXPERIENCE	UNHA1684
N PDP-11'S	UNHA1261
EXPERIENCE WITH HARDWARE SERVICE CONTRACTORS	UNGI1477
EXPERIENCES WITH THE UNIX TIME-SHARING SYSTEM	UNPL1679
INTERACTIVE, MENU- AND SHELL-LIKE INTERFACE FOR NOVICE AND EXPERT USERS /VBLE, SELF DOCUMENTING, HIGHLY I	UNPL1101
A REGULAR EXPRESSION MATCHER FOR THE C LANGUAGE	UNOS1718
XDB: AN EXTENDED DEBUGGER	UNPL1228
ETER	UNED1564
AN EXTENDED UNIX TEXT EDITOR - EX	UNPL1679
VE, MENU- AND SHELL-LIKE INTERFACE FOR NOVIC/ PARSER: AN EXTENSIBLE, SELF DOCUMENTING, HIGHLY INTERACTI	UNED1708
EDX - A CRT EDITOR EXTENSION TO THE UNIX TEXT EDITOR	UNPL1685
MONITOR DATA	UNOS1474
TOOLS FOR THE EXTRACTION AND REDUCTION OF PWB/UNIX SOFTWARE	UNPL1677
THE FACS EXECUTION ENVIRONMENT SHELL	UNSU1609
INTRODUCING MFSC. A C PROGRAM THAT FACILITATES THE DEFINITION OF MPS SCREENS	UNOS1145
DEC FACTORY ACCEPTANCE TEST	UNPL1721
INTRODUCTION TO THE PRINTF FAMILY	UNPL1722
SPECIFICATIONS FOR THE PRINTF FAMILY	UNPL1559
THE PRINTF FAMILY	UNOS1473
THE LOGICAL FILE SYSTEM - A FAST-ACCESS FILE SYSTEM USING UNIX RAW I/O	UNOS1265
A FASTER TERMINAL HANDLER FOR UNIX	UNOS1352
UNIX/370: A FEASIBILITY STUDY	UNSA1593
A VIRTUAL FIELD GENERATOR FOR A FIELDED DATA BASE	UNSA1415
PRELIMINARY REAL TIME LISTING RETRIEVAL (RTLR) FIELD STUDY PERFORMANCE ANALYSIS	UNSA1346
NPTS: TOOLS FOR PROCESSING DATA WITH NAMED FIELDS	UNSA1593
A VIRTUAL FIELD GENERATOR FOR A FIELDED DATA BASE	UNSA1529
SHELL COMMANDS FOR RELATIONAL OPERATIONS ON FIELDED FILES (SCROFF)	UNOS1687
THE TRANSPARENT FILE SHARING SYSTEM: A MULTI-MACHINE UNIX FIL SYSTEM USING VIRTUAL CIRCUITS	UNOS1385
CHECKING FILE ACCESS PERMISSIONS IN UNIX SYSTEMS	UNOS1490
UUCP ADMINISTRATORS' FILE AND THE UUNAME COMMAND	UNPL1656
ARGOPEN: A FUNCTION FOR HANDLING FILE ARGUMENTS	UNED1083
AN ALGORITHM FOR DIFFERENTIAL FILE COMPARISON	UNED1317
UNITED - A DATA FILE EDITOR	UNED1317
BASED SYSTEM.	UNOS1164
ENT AND CONTROL FACILITY	UNOS1379
COSNIX FILE MANAGEMENT (FM) COMMAND-SOFTWARE DEVELOPM	UNOS1665
TRANSACTION FILE MANAGER (TFM) PERFORMANCE IMPROVEMENTS	UNSA1574
DATA FILE MANIPULATION ROUTINES	UNSA1574
A C ROUTINE FOR FILE NAME GENERATION	UNSU1642
UNIX FILE SECURITY	UNOS1335
ADDING REMOTE FILES TO UNIX - A PROGRESS REPORT ON THE FILE SERVER PROJECT	UNOS1434
SYSTEM USING VIRTUAL CIRCUITS	UNOS1687
THE TRANSPARENT FILE SHARING SYSTEM: A MULTI-MACHINE UNIX FIL	UNSU1081
A TAPE BACK-UP SYSTEM FOR THE NETWORK FILE STORE	UNSU1080
UNIXLIST - AN IBM/370 UTILITY PROGRAM TO LIST A UNIX FILE STORED ON A 9-TRACK MAGNETIC TAPE.	UNOS1065
A DESCRIPTION OF THE UNIX FILE SYSTEM	UNOS1654
EXPANDING A UNIX/1100 FILE SYSTEM	UNOS1607
STRUCTURE OF A UNIX DATABASE FILE SYSTEM	UNOS1608
YET ANOTHER CRASH RESISTANT UNIX FILE SYSTEM	UNOS1473
UNIX RAW I/O	UNSU1273
THE LOGICAL FILE SYSTEM - A FAST-ACCESS FILE SYSTEM USING UNIX/TS FILE SYSTEM BACKUP	UNOS1463
FSCK - THE UNIX/TS FILE SYSTEM CHECK PROGRAM	UNOS1319
UNIX FILE SYSTEM CONVERSION	UNOS1555
ON MAKING THE UNIX FILE SYSTEM CRASH RESISTANT	UNOS1411
A REMOTE FILE SYSTEM DRIVER FOR UNIX	UNOS1493
UNIX SPECIFICATION - FILE SYSTEM RELATED SYSTEM CALLS	UNOS1276
FILE SYSTEM STRUCTURES FOR REAL-TIME APPLICATIONS	UNOS1302
ONS	UNOS1197
EXERCISES IN REPAIRING PWB/UNIX FILE SYSTEMS	UNOS1343
REPAIRING DAMAGED PWB/UNIX FILE SYSTEMS (I, II)	UNOS1339
VIRTUAL FILE SYSTEMS ON MERT	UNOS1509
VM/CMS - UNIX FILE TRANSFER FACILITY	UNSU1674
NETWORK ADMINISTRATOR TASKS FOR UNIX FILE TRANSFER (UUCP) IN DEPARTMENT 3624 - RETR	UNOS1503
OSPECTIVE AND OUTLOOK	UNSU1674
WORK RELATED TO UNIX-TO-UNIX FILE TRANSFER (UUCP) IN DEPARTMENT 3624 - RETR	UNOS1256
IMPLEMENTATION OF LARGE CONTIGUOUS FILES AND ASYNCHRONOUS I/O IN UNIX	UNSU1003
TRANS: A FACILITY TO TRANSFER FILES BETWEEN UNIX AND DECSYSTEM-10 OR UNIX AN	UNSU1676
UPDATE FILES FOR THE C STANDARD LIBRARY	UNOS1364
CENDANTS	UNSU1210
EXAMPLES OF CONVERTING USC SHELL COMMAND FILES FOR THE NEW SHELL	UNSA1399
CONVERSION OF SICPDR FILES FROM UNIX TO RAMIS II	UNOS1579
EXCLUSIVE USE OF FILES IN THE UNIX/RT SYSTEM	UNSU1540
LIMBO - AN ARCHIVE FACILITY FOR UNIX FILES ON IBM MASS STORAGE	UNSA1529
SHELL COMMANDS FOR RELATIONAL OPERATIONS ON FIELDED FILES (SCROFF)	UNOS1434
ADDING REMOTE FILES TO UNIX - A PROGRESS REPORT ON THE FILE SERVER PROJECT	UNHA1394
A FILESYSTEMLESS UNIX FOR THE Z80 MICROPROCESSOR	UNED1175
COMPUTERIZED OFFICE FILING SYSTEM	UNOS1130
SETTING UP LSI-UNIX - FIRST EDITION	UNHA1330
THE TANDEM COMPUTER SYSTEM - A FIRST LOOK	UNOS1202
AN ALGORITHM FOR STRUCTURING PLOWGRAPHS	UNPL1103
COSNIX FILE MANAGEMENT (FM) COMMAND-SOFTWARE DEVELOPMENT AND CONTROL P	UNOS1379
UNIX/TS AUGMENTED TASK FORCE REPORT	UNOS1382
FI - A FORM LETTER GENERATOR FOR THE UNIX SYSTEM	UNED1640
FORM SHELL	UNSA1646
ACILITY	UNED1117
SYSTEM FOR ENTERING DATA THROUGH COMPUTER DISPLAYED FORMS	UNMA1389
ROTTOCOL	UNED1106
TBL - A PROGRAM TO FORMAT TABLES	UNED1479
AN INTRODUCTION TO THE PWB/MM TEXT FORMATTER	UNSU1577
UNIX DISK FORMATTER FOR DEC RPOG PACKS (RPGFMT)	UNSU1115
NROFF/TROFF FORMATTING CODES FOR DEPARTMENTAL ORGANIZATION	UNED1170
DIRECTORIES ON PWB/UNIX.	UNED1179
NEW TEXT FORMATTING SOFTWARE FOR THE PWB SYSTEMS	UNED1179
AN ESSAY IN COMPUTER SECURITY: DECRYPTING A FORMER UNIX CRYPT	UNOS1346

RATFOR - A PREPROCESSOR FOR A RATIONAL FORTRAN	UNPL1193
STRUCT - A PROGRAM WHICH STRUCTURES FORTRAN	UNPL1084
A DESCRIPTION OF HOW UNIX FORTRAN WORKS	UNPL1063
A PORTABLE FORTRAN 77 COMPILER	UNPL1248
IMPLEMENTATION OF A PORTABLE FORTRAN 77 COMPILER USING MODERN	UNPL1354
TERMINAL HANDLING FOR UNIX/370 USING A FRONT END PROCESSOR	UNOS1466
A SIMPLIFIED FRONT-END FOR SCCS	UNOS1516
FSCK - THE UNIX/TS FILE SYSTEM CHECK PROGRAM	UNOS1463
RESPONSE TO FSCK ERROR CONDITIONS IN UNIX	UNPL1633
ARCOPEN: A FUNCTION FOR HANDLING FILE ARGUMENTS	UNPL1656
CROSS ASSEMBLER DESIGN ON UNIX (COMMON FUNCTIONS)	UNPL1719
CROSS ASSEMBLER DESIGN ON UNIX (UNIQUE FUNCTIONS)	UNPL1720
IN-CORE TABLE SEARCH FUNCTIONS	UNSA1539
RY ADMINISTRATI	FUNCTIONAL OPERATION OF THE RECENT CHANGE MEMO
II	UNSA1222
MICA - A GENERAL PURPOSE MICROASSEMBLER: FUNCTIONAL SPECIFICATION/USER'S MANUAL - ISSUE	UNPL1220
COMPUTER CONFERENCING - PAST, PRESENT, AND FUTURE	UNSA1592
EM	F1 - A FORM LETTER GENERATOR FOR THE UNIX SYST
	UNED1640
	SYSTID ON F4P-UNIX - USER'S GUIDE
	UNSA1387
PROGRAMMER'S WORKBENCH - SYNOPSIS OF FACILITIES (G.1)	UNED1109
THE UNIX TIME-SHARING SYSTEM - A RETROSPECTIVE (G.3)	UNOS1187
SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE
SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	UNPL1107
SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE
SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	UNSD1107
SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE
SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	UNED1107
SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE
SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	UNPA1107
SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE
A TUTORIAL INTRODUCTION TO THE GRAPHICAL EDITOR (GED)	UNSU1107
	INTERACTIVE DESIGN AID FOR GENERAL-PURPOSE ARTWORK PRODUCTION
GE	UNSU1268
X (S.11)	GENERAL-PURPOSE, REAL-TIME TEST SOFTWARE PACKA
	UNPL1589
RY FOR UNIX	A GENERAL-PURPOSE SUBROUTINE LIBRARY FOR PWS/UNI
OS STREAM	UNPL1157
	A GENERALIZED DATA ENTRY SYSTEM
	UNSU1156
	A C-PROGRAM TO AUTOMATICALLY GENERATE JCL COMMENTS FOR DATA EMBEDDED IN A J
	UNSU1871
	RXD-11D: TWO PROGRAMS TO GENERATE UNIX-COMPATIBLE MAGNETIC TAPES
	UNSU1215
	A TRAFFIC GENERATING SYSTEM
	UNSA1333
	A C ROUTINE FOR FILE NAME GENERATION
	UNSA1642
	MVIEW - A SET OF MACROCOMMANDS FOR THE GENERATION OF VIEW GRAPHS
	UNED1280
	REPORT GENERATION ON UNIX
	UNGI1337
	M2 GENERATION SYSTEM MANUAL
	UNSA1526
	AGEN - AN ASSOCIATED MEMORY GENERATOR
	UNPL1064
	APARSE: AN ATTRIBUTED LL(1) COMPILER GENERATOR
	UNPL1532
ESTING NEW VERSIONS OF A COCO 48-BIT PSEUDO-RANDOM NUMBER GENERATOR	IMPLEMENTING AND T
	UNSA1463
	LEX - A LEXICAL ANALYZER GENERATOR
	UNPL1061
	A VIRTUAL FIELD GENERATOR FOR A FIELDED DATA BASE
	UNSA1593
	F1 - A FORM LETTER GENERATOR FOR THE UNIX SYSTEM
	UNED1640
	AN INTERACTIVE LEAP SCRIPT GENERATOR (ILSG)
	UNSU1223
	PROGRAM GENERIC CONTROL AND DOCUMENTATION ON UNIX
	UNSD1099
	FORMATTING PROGRAM GENERIC DOCUMENTS ON UNIX
	UNED1170
	NROFF MACROS FOR PRODUCING GENERIC PROGRAM DOCUMENTATION.
	UNED1148
ION RETRIEVAL SYSTEM	USER'S GUIDE FOR GENESIS, A UNIX-BASED GENERAL PURPOSE INFORMAT
	UNSA1731
	USER'S MANUAL FOR GETTING STARTED ON POLY
	UNED1686
	GEX - AN INTERACTIVE GRAPHICS PROGRAM
	UNSU1227
	GF - A GRAPHICAL DATA ANALYSIS PROGRAM
	UNSA1222
	USER SPACE I/O COMMANDS GIVE UNIX REAL-TIME CAPABILITIES
	UNOS1714
	IMPLEMENTING NEW VERSIONS OF A COCO 48-BIT PSEUDO-RANDOM NUMBER GENERATOR
	UNSA1453
	IMPLEMENTATION OF GR-Z GRAPHICS ON UNIX
	UNSU1298
	VERSION 3 OF THE GR-Z GRAPHICAL SYSTEM
	UNSA1464
UNDER THE UNIX TIME-SHARING SYSTEM.	GRAFPAC/FR80 - A C VERSION OF DEFERRED GRAFPAC
	UNPL1018
	PWS/UNIX VIEW GRAPH AND SLIDE MACROS (T.9)
	UNPL1016
	INSTRUCTIONS FOR GRAPH, TEK, TEKSTARE AND GSIP GRAPHICS PACKAGE
	UNPM1110
S.	EASY PHOTOTYPESET VIEW GRAPHS ON UNIX
	UNED1139
MVIEW - A SET OF MACROCOMMANDS FOR THE GENERATION OF VIEW GRAPHS	RATED CIRCUITS MULGA - MODULAR UNIX BASED LANGUAGE AND GRAPHIC AID FOR THE STRUCTURED DESIGN OF INTEC
	UNSA1551
	NEW GRAPHIC SYMBOLS FOR EGN AND NEQN (T.8)
	UNED1112
	A GRAPHICS LANGUAGE FOR TYPESETTING
	UNSA1471
	PIC - A CRUDE GRAPHICS LANGUAGE FOR TYPESETTING
	UNSA1588
	IMPLEMENTATION OF GR-Z GRAPHICS ON UNIX
	UNSU1298
	INSTRUCTIONS FOR GRAPH, TEK, TEKSTARE AND GSIP GRAPHICS PACKAGES.
	UNPM1110
	GEX - AN INTERACTIVE GRAPHICS PROGRAM
	UNSU1227
SOFTWARE INTERFACE PACKAGE FOR THE RAMTEK 9400 CO RASTER GRAPHICS SYSTEM	A SOFTWARE ARCHITECTURE FOR PROVIDING A GRAPHICS SYSTEM DEVELOPMENT WORKBENCH
	UNSA1597
	INTERACTIVE GRAPHICS SYSTEM FOR A UNIX ENVIRONMENT
	UNSA1342
ER THE UNIX OPERATING SY/	A "C" BASED GRAPHICS SYSTEM RUNNING ON A DEC PDP-11/70 UND
	UNOS1233
M	A DEVICE DRIVER FOR THE RAMTEK 9400 COLOR RASTER GRAPHICS SYSTEM UNDER THE UNIX OPERATING SYSTE
	UNSA1598
	GF - A GRAPHICAL DATA ANALYSIS PROGRAM
	UNSA1222
	A TUTORIAL INTRODUCTION TO THE GRAPHICAL EDITOR (GED)
	UNED1441
	VERSION 3 OF THE GR-Z GRAPHICAL SYSTEM
	UNSA1464
	A DEVICE INTERFACE FOR THE SANDERS GRAPHIC7 TERMINAL UNDER UNIX
	UNOS1501
	UNIX USERS GROUP MEETING - TORONTO, JUNE 19-23, 1979
	UNGI1398
	INSTRUCTIONS FOR GRAPH, TEK, TEKSTARE AND GSIP GRAPHICS PACKAGES.
	UNPM1110
	AC3 LEAP USER'S GUIDE
	UNSA1311
	SITE USERS GUIDE
	UNPL1612
	"C" IMPORT/EXPORT USER'S GUIDE
	UNPL1566
COMPUTER BUFFERED INFORMATION EXCHANGE USER'S GUIDE	DIRECT II IN-CORE TABLES: USER'S GUIDE
	UNSA1408
	MISEL USER'S GUIDE
	UNPL1730
	LP ADMINISTRATOR'S GUIDE
	UNSA1689
	SOURCE CODE CONTROL SYSTEM USER'S GUIDE
	UNOS1367
	SYSTID ON F4P-UNIX - USER'S GUIDE
	UNSA1387
	UNIX/370 CONVERSION GUIDE
	UNOS1562
E INFORMATION RETRIEVAL SYSTEM	USER'S GUIDE FOR GENESIS, A UNIX-BASED GENERAL PURPOSE
	UNSA1731
	USER GUIDE FOR THE QSD0 ADAPTER MACRO PACKAGE
	UNED1628
ELLITE SYSTEM BASED ON UNIX	USERS' GUIDE FOR THE PARASITE SYSTEM: A REAL-TIME SAT
	UNOS1569
	PWS/UNIX RJE ADMINISTRATOR'S GUIDE (1.5)
	UNOS1198
	APPLICATION PLANNING GUIDE, RELEASE 0 OF BASIC-16
	UNSA1315
	TYPESETTING MATHEMATICS - USER'S GUIDE (SECOND EDITION)
	UNED1011

M	RS (B.12)	USERS' GUIDE TO CODE: THE PARASITE-BASED CODING SYSTEM	UNSA1567
		GUIDE TO IBM REMOTE JOB ENTRY FOR PWB/UNIX USE	UNOS1087
		A GUIDE TO PREPARING DOCUMENTS ON UNIX	UNED1111
		A GUIDE TO THE C LIBRARY FOR UNIX USERS	UNPL1445
		A GUIDE TO THE C PSEUDO-ATS ON UNIX	UNED1301
MICROPROCESSOR		USER'S GUIDE TO THE SMAL2 LANGUAGE FOR THE ZILOG Z80	UNSU1262
1 MICROPROCESSOR		USER'S GUIDE TO THE SMAL41 LANGUAGE FOR THE INTEL 804	UNSU1504
R'S WORKBENCH USERS		GUIDE TO UNIVAC REMOTE JOB ENTRY FOR PROGRAMME	UNOS1217
RCMAS/MERT PERFORMANCE STUDY AND GENERAL DESIGN		GUIDELINES	UNOS1360
X/RT	ING STATE TRANSITION MATRIX TECHNIQUES	SYNTHESIS OF A HALF-DUPLEX LINE CONTROL PROCEDURE FOR UNIX US	UNOS1173
	QUEST ADMINISTRATION	GUIDELINES FOR C COMPILER DISTRIBUTION	UNPL1229
	A FASTER TERMINAL	GUIDELINES FOR CONVERTING MERT SOFTWARE TO UNI	UNOS1476
		HANDLER FOR UNIX	UNPM1178
		HARDWARE CHECKING FOR NULL POINTERS	UNHA1626
		MERT HARDWARE CONFIGURATION	UNHA1161
		PWB HARDWARE HELP	UNHA1423
EMS		HARDWARE REQUIREMENTS FOR STANDALONE UNIX SYST	UNHA1281
		EXPERIENCE WITH HARDWARE SERVICE CONTRACTORS ON PDP-11'S	UNED1082
		WEBSTER'S SECOND ON THE HEAD OF A PIN	UNHA1423
		PWB HARDWARE HELP	UNHA1423
NT SYSTEM FOR U		HI - AN INTERACTIVE HIERARCHICAL DATA MANAGEMENT	UNSA1390
		HI - PLUS	UNSA1549
		RELATIONAL QUERIES ON HIERARCHICAL DATA - AN EXPERIMENT	UNPL1728
		HI - AN INTERACTIVE HIERARCHICAL DATA MANAGEMENT SYSTEM FOR U	UNSA1390
		UNIX RELEASE 4.0 - HIGHLIGHTS OF CHANGES TO COMMANDS	UNOS1661
FACE FOR NOVIC/	PARSER: AN EXTENSIBLE, SELF DOCUMENTING,	HIGHLY INTERACTIVE, MENU- AND SHELL-LIKE INTER	UNPL1679
		INDIAN HILL C STYLE AND CODING STANDARDS	UNPL1356
		MISCELLANEOUS USER'S GUIDE	UNPL1730
		PASSWORD SECURITY: A CASE HISTORY	UNOS1259
		BRIDGE: A UNIX EXPERIMENT FOR HOME COMPUTER SERVICES	UNSA1595
		DDP: UNIX - HONEYWELL INTERFACE PROGRAMS	UNOS1371
TERMINALS		EFFECTS ON UNIX HOST CPU RESOURCES BY THE USE OF INTELLIGENT T	UNOS1323
	SYSTEM FOR AUTOMATED TESTING OF ASYNCHRONOUS TERMINALS AND HOSTS	A UNIX BASED S	UNSA1489
		UNIX BASED TSPS HOTEL-MOTEL TRAFFIC SIMULATOR	UNSA1397
		C - LANGUAGE ORIENTED MICROPROGRAM FOR THE MP-21MX	UNHA1058
	A SIMULATOR FOR THE DATASPEED 40/4 TERMINAL ON THE HP264X	UNSU1611	
	DESIGN AND IMPLEMENTATION OF DISPLAY-ORIENTED INTERACTIVE HUMAN-INTERFACE /TO R TEE: A CASE STUDY IN THE	UNED1707	
	AL FILE SYSTEM - A FAST-ACCESS FILE SYSTEM USING UNIX RAW I/O	THE LOGIC	UNOS1473
		MOVING SYSTEM I/O BUFFERS OUT OF UNIX DATA ADDRESS SPACE	UNOS1235
		USER SPACE I/O COMMANDS GIVE UNIX REAL-TIME CAPABILITIES	UNOS1714
X		ASYNCHRONOUS I/O FACILITIES FOR RAW BLOCK DEVICES UNDER UNI	UNOS1241
		MORE FLEXIBLE LOW SPEED I/O FOR UNIX	UNGS1202
	IMPLEMENTATION OF LARGE CONTIGUOUS FILES AND ASYNCHRONOUS I/O IN UNIX	THE UNIX I/O SYSTEM	UNSU1003
		SETTING UP PWB/UNIX (1.1)	UNOS1005
		ADMINISTRATIVE ADVICE FOR PWB/UNIX (1.2)	UNOS1194
		PWB/UNIX OPERATIONS MANUAL (1.3)	UNOS1195
	REPAIRING DAMAGED PWB/UNIX FILE SYSTEMS (1.4)	UNHA1196	
	PWB/UNIX RJE ADMINISTRATOR'S GUIDE (1.5)	UNOS1197	
	PWB/UNIX MANUAL PAGE MACROS (1.9)	UNOS1198	
		SUPPORT FOR C ON IBM COMPUTERS	UNED1152
	LIMBO - AN ARCHIVE FACILITY FOR UNIX FILES ON IBM MASS STORAGE	UNPL1348	
		GUIDE TO IBM REMOTE JOB ENTRY FOR PWB/UNIX USERS (B.12)	UNOS1087
		UNIX LINE DISCIPLINE FOR IBM 2740-1 PROTOCOL	UNOS1461
	PORTING THE ADAPT DATA TRANSLATION SYSTEM TO THE IBM 370	UNSA1373	
	RTING NROFF/TROFF TO UNIX ON DEC VAX 11/780, UNIVAC 1100, IBM 370, AND TO IBM TSO	PO UNED1657	
	ORED ON A 9-TRACK MAGNETIC TAPE.	UNXS1088	
	UNIXLIST - AN IBM/370 UTILITY PROGRAM TO LIST A UNIX FILE ST	UNSA1417	
		AN ICE-65 BASED 8085 SOFTWARE DEVELOPMENT SYSTEM	UNHA1644
		A UNIX BASED TERMINAL DRIVER FOR IES	UNSA1644
	CONVERSION OF SICPPI FILES FROM UNIX TO RAMIS II	UNSA1399	
	MHC GENERAL - USE UNIX SERVICE II	UNGI1709	
SEMBLER: SOFTWARE	FUNCTIONAL SPECIFICATION/USER'S MANUAL - ISSUE II	MICA - A GENERAL PURPOSE MICROAS	UNPL1220
		DIRECT II - AN APPROACH TO THE DESIGN OF APPLICATION	UNSA1726
		DIRECT II DATA BASE INDICES	UNSA1502
		DIRECT II DATA REPRESENTATION AND MANIPULATION	UNSA1466
		DIRECT II IN-CORE TABLES: USER'S GUIDE	UNSA1412
		DIRECT II INTERPROCESS COMMUNICATION	UNOS1368
		THE DIRECT II SCHEDULER	UNOS1462
		DIRECT II SERVICE DISPATCHER	UNSA1425
		DIRECT II SORT UTILITIES	UNSA1464
		DIRECT II VAX PERFORMANCE IMPROVEMENT ESTIMATES	UNOS1422
		THE DIRECT II VIRTUAL PHOTOTYPESETTER	UNED1615
		AN INTERACTIVE LEAP SCRIPT GENERATOR (ILSG)	UNSU1223
	HANDLING SEGMENTATION VIOLATIONS DIFFERENT FROM PDP-11/46	IMPLEMENTATION	UNHA1380
	SCHEDULING AND SWITCHING UNDER UNIX ALGORITHMS AND	IMPLEMENTATION	UNOS1126
	UNIX IMPLEMENTATION	IMPLEMENTATION	UNOS1508
	USING A COMPUTER NETWORK AS A CACHE MEMORY: DESIGN AND	IMPLEMENTATION	UNOS1604
	DATABASE IMPLEMENTATION	IMPLEMENTATION	UNSA1576
	UUCP - IMPLEMENTATION DESCRIPTION	IMPLEMENTATION	UNSU1293
		IMPLEMENTATION OF A BOOLEAN DATA ANALYSIS TECH	UNSA1378
		IMPLEMENTATION OF A DEVELOPMENT SUPPORT LIBRAR	UNSU1673
		IMPLEMENTATION OF A PORTABLE FORTRAN 77 COMPIL	UNPL1384
		IMPLEMENTATION OF DISPLAY-ORIENTED INTERACTIV	UNED1707
		IMPLEMENTATION OF GR-2 GRAPHICS ON UNIX	UNSU1298
		IMPLEMENTATION OF LARGE CONTIGUOUS FILES AND A	UNSU1003
		IMPLEMENTATION OF SEMAPHORES AND MESSAGES IN U	UNOS1136
		IMPLEMENTATION OF THE LARGE ARGUMENT LIST FEAT	UNOS1351
		IMPLEMENTATION OF THE LP SPOOLING SYSTEM	UNSU1648
		IMPLEMENTED FOR DZ11 UNDER MERT RELEASE 0.1	UNOS1469
		IMPLEMENTING AND TESTING NEW VERSIONS OF A COO	UNSA1453
		IMPORT/EXPORT USER'S GUIDE	UNPL1566
		IMPROVER FOR THE PORTABLE C COMPILER	UNPL1510
		IN-CORE TABLE SEARCH FUNCTIONS	UNSA1539
		DIRECT II IN-CORE TABLES: USER'S GUIDE	UNSA1412
		ON THE INCONSISTENCIES OF UNIX COMMANDS	UNOS1325
		NEW PERMITTED INDEX PROGRAM ON UNIX	UNED1263
		SOME APPLICATIONS OF INVERTED INDEXES ON THE UNIX SYSTEM	UNED1213

		INDIAN HILL C STYLE AND CODING STANDARDS	UNPL1356
SYSTEM	REIMPLEMENTATION OF CBIE (THE COMPUTER BUFFERED DIRECT II DATA BASE INDICES INFORMATION EXCHANGE) UNDER THE UNIX OPERATING SYSTEM	UNSA1502 UNSA1557 UNSA1406	UNSA1557
	COMPUTER BUFFERED INFORMATION EXCHANGE USER'S GUIDE	UNSA1521	UNSA1521
	ADMINISTRATIVE INFORMATION FOR PWS/GRAFICS	UNSA1731	UNSA1731
	USER'S GUIDE FOR GENESIS, A UNIX-BASED GENERAL PURPOSE INFORMATION RETRIEVAL SYSTEM	UNSA1651	UNSA1651
	EIS-EQUIPMENT INFORMATION SERVICES	UNOS1128	UNOS1128
	UNIX INITIALIZATION AND PROCESS CONTROL	UNOS1266	UNOS1266
	STANDARDIZING FILE TYPES IN THE INODES OF UNIX VERSION 7 DESCENDANTS	UNOS1076	UNOS1076
	LKOUT - A NEW UNIX SYSTEM CALL TO SUSPEND AND RESUME INPUT FROM USER TERMINALS.	UNOS1475	UNOS1475
	A STAND-ALONE INPUT/OUTPUT LIBRARY	UNSU1578	UNSU1578
	A RECORD INPUT/OUTPUT SYSTEM	UNOS1159	UNOS1159
	A NEW INPUT-OUTPUT PACKAGE (B.10)	UNOS1491	UNOS1491
	UUSTAT - A UUCP STATUS INQUIRY PROGRAM	UNOS1201	UNOS1201
5254.	NOTES ON THE SELECTION, PROCUREMENT, INSTALLATION, AND USAGE OF UNIX BY DEPARTMENT	UNED1685	UNED1685
	TEX INSTRUCTION: 2ND EDITION	UNED1104	UNED1104
	THE LEARN PROGRAM FOR COMPUTER SOFTWARE SEGMENTATION FOR LARGE INSTRUCTION SPACE ON THE PDP11	UNCS1534	UNCS1534
GRAPHICS PACKAGES.	INSTRUCTIONS FOR GRAPH, TEK, TEKSTARE AND GSIP	UNPM1110	UNPM1110
SED LANGUAGE AND GRAPHIC AID FOR THE STRUCTURED DESIGN OF INTEGRATED CIRCUITS MULCA - MODULAR UNIX SA	UNSA1551	UNSA1551	
D SYSTEM.	AN INTEGRATED SYSTEM FOR MICROPROCESSOR SUPPORT	UNSU1153	UNSU1153
	FILE INTEGRITY AND SPACE ACCOUNTING FOR A UNIX BASE	UNOS1164	UNOS1164
	AN INTEL COMPATIBLE 8048-49 CROSS ASSEMBLER	UNSA1383	UNSA1383
	UNIX ASSEMBLER FOR THE INTEL 8048 MICROPROCESSORS	UNSU1504	UNSU1504
	USER'S GUIDE TO THE SMAL41 LANGUAGE FOR THE INTEL 8041 MICROPROCESSOR	UNSA1445	UNSA1445
	INTEL 8048 SIMULATOR (SIM48) USER MANUAL	UNSA1675	UNSA1675
	ASS1 - AN INTEL 8051 CROSS ASSEMBLER	UNPL1149	UNPL1149
	UNIX ASSEMBLER FOR THE INTEL 8080 MICROPROCESSOR	UNSU1149	UNSU1149
	UNIX ASSEMBLER FOR THE INTEL 8080 MICROPROCESSOR	UNCS1463	UNCS1463
	UNIX/88: UNIX ON THE INTEL 8088	UNSA1168	UNSA1168
	A CONSOLE CONTROLLED INTERFACE BETWEEN AN INTELLEC MOS AND A TIME-SHARED COMPUTER SYSTEM	UNSA1341	UNSA1341
	AN INTELLIGENT FAST COLOR DISPLAY	UNOS1329	UNOS1329
	EFFECTS ON UNIX HOST CPU RESOURCES BY THE USE OF INTELLIGENT TERMINALS	UNOS1499	UNOS1499
X	A SHELL OPERATOR FOR INTER-MACHINE COMMUNICATION	UNOS1230	UNOS1230
	PORT - A NEW INTER-PROCESS COMMUNICATION FACILITY UNDER UNIX	UNCS1303	UNCS1303
	INTER-PROCESS COMMUNICATIONS FACILITY FOR TRAN	UNPL1203	UNPL1203
	INTER-UNIX PORTABILITY	UNPL1603	UNPL1603
	A PROGRAM PACKAGE FOR UNIX TO NON-UNIX INTERACTION	UNED1554	UNED1554
	PROCESSORS FOR THE UNIX EDITOR TO PROVIDE CONTROLLED USER INTERACTION	UNED1169	UNED1169
	ON SYSTEM WITH A CAMAC REAL TIME TM-DISPLAY	UNOS1269	UNOS1269
	A PERIPHERAL PROCESSOR	UNPL1105	UNPL1105
	AN INTERACTIVE CONTROL AND DATA ACQUISITION	UNSU1266	UNSU1266
	AN INTERACTIVE CONTROL LANGUAGE FOR SIM	UNPL1056	UNPL1056
WORK PRODUCTION	INTERACTIVE DESIGN AID FOR GENERAL-PURPOSE ART	UNOS1688	UNOS1688
	DC - AN INTERACTIVE DESK CALCULATOR	UNSU1227	UNSU1227
	SOS/NET - AN INTERACTIVE DISTRIBUTED OPERATING SYSTEM	UNPL1200	UNPL1200
	GEK - AN INTERACTIVE GRAPHICS PROGRAM	UNSA1390	UNSA1390
	HI - AN INTERACTIVE HIERARCHICAL DATA MANAGEMENT SYSTEM	UNED1707	UNED1707
	INTERACTIVE HUMAN-INTERFACE/TOR TED: A CASE STUDY	UNPL1377	UNPL1377
	AN INTERACTIVE INTERFACE FOR C LANGUAGE PROGRAMS	UNSA1223	UNSA1223
	AN INTERACTIVE LEAP SCRIPT GENERATOR (ILSG)	UNPL1679	UNPL1679
	AN INTERACTIVE, MENU- AND SHELL-LIKE INTERFACE FOR EMACS	UNED1542	UNED1542
	AN INTERACTIVE SCREEN EDITOR FOR UNIX (EMACS)	UNSA1118	UNSA1118
	UNIX-INTELLEC MOS INTERFACE	UNSA1433	UNSA1433
	EM (ISIS) AND A TIME SHARED COMPUTER SYSTEM (UNIX)	UNSU1168	UNSU1168
	AN INTERFACE BETWEEN A STAND ALONE OPERATING SYSTEM AND A TIME-SHARED COMPUTER SYSTEM.	UNSA1656	UNSA1656
	A CONSOLE CONTROLLED INTERFACE BETWEEN AN INTELLEC MOS AND A TIME-SHARED COMPUTER SYSTEM.	UNSA1614	UNSA1614
	CHANGE MANAGEMENT AUTOMATIC SCCS SIMPLE INTERFACE (CASSI)	UNPL1377	UNPL1377
	AN INTERACTIVE INTERFACE FOR C LANGUAGE PROGRAMS	UNSA1586	UNSA1586
	THE DATA KERNEL, THE DATA BASE INTERFACE FOR NOVICE AND EXPERT USERS /IBLE, S	UNPL1679	UNPL1679
	ELF DOCUMENTING, HIGHLY INTERACTIVE, MENU- AND SHELL-LIKE INTERFACE FOR THE SANDERS GRAPHIC7 TERMINAL UN	UNOS1501	UNOS1501
	DER UNIX A DEVICE INTERFACE PACKAGE FOR THE RAMTEK 9400 CO RASTE	UNSA1597	UNSA1597
R GRAPHICS SYSTEM	A "C" BASED SOFTWARE INTERFACE PROGRAMS	UNOS1371	UNOS1371
	DDP: UNIX - HONEYWELL INTERFACES FOR A DATANET-BASED COMPUTER NETWORK	UNOS1717	UNOS1717
X	DESIGN AND PERFORMANCE ANALYSIS OF COMPUTER INTERNALS OF S-UNIX 3.0	UNOS1652	UNOS1652
	DESIGN INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING	UNPL1107	UNPL1107
	NG. (G.4) PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING	UNSD1107	UNSD1107
	NG. (G.4) PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING	UNOS1107	UNOS1107
	NG. (G.4) PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING	UNED1107	UNED1107
	NG. (G.4) PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING	UNHA1107	UNHA1107
	NG. (G.4) PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING	UNPM1107	UNPM1107
	NG. (G.4) PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING	UNSU1107	UNSU1107
	A USER MANUAL FOR THE MENU CREATION AND INTERPRETATION SYSTEM	UNSA1548	UNSA1548
	DESCRIPTION OF A MENU CREATION AND INTERPRETATION SYSTEM	UNPL1228	UNPL1228
	EXTENDED SHELL - A POTENTIAL REAL TIME INTERPRETER	UNOS1368	UNOS1368
	DIRECT II INTERPROCESS COMMUNICATION	UNOS1090	UNOS1090
	PROPOSAL FOR UNIX INTERPROCESS COMMUNICATION	UNOS1234	UNOS1234
	INTERPROCESS COMMUNICATION MECHANISMS IN CS-UN	UNOS1288	UNOS1288
	INTERPROCESS COMMUNICATION PERFORMANCE TRACE-O	UNHA1242	UNHA1242
	INTERPROCESSOR COMMUNICATIONS LINK	UNSA1727	UNSA1727
	INTERRELATIONAL SEMANTICS	UNSA1478	UNSA1478
	INVENTORY CONTROL	UNED1213	UNED1213
	SOME APPLICATIONS OF INVERTED INDEXES ON THE UNIX SYSTEM	UNHA1240	UNHA1240
UNDER UNIX	BETA TEST OF THE COMM 10P-CUP SYNCHRONOUS COMMUNICATIONS CONTROLLER	UNGI1340	UNGI1340
	MINUTES, ISCC COMMON COMMAND SUBCOMMITTEE	UNSA1433	UNSA1433
	AN INTERFACE BETWEEN A STAND ALONE OPERATING SYSTEM (ISIS) AND A TIME SHARED COMPUTER SYSTEM (UNIX)	UNPM1224	UNPM1224
	8080 SIMULATOR (18080) USER MANUAL	UNSU1671	UNSU1671
	A C-PROGRAM TO AUTOMATICALLY GENERATE JCL COMMENTS FOR DATA EMBEDDED IN A JOB STREAM	UNOS1217	UNOS1217
	GUIDE TO UNIVAC REMOTE JOB ENTRY FOR PROGRAMMER'S WORKBENCH USERS	UNOS1087	UNOS1087
	GUIDE TO ISC REMOTE JOB ENTRY FOR PWS/UNIX USERS (B.12)	UNPL1087	UNPL1087
	AUTOMATICALLY GENERATE JCL COMMENTS FOR DATA EMBEDDED IN A JOB STREAM	UNSU1671	UNSU1671
	A C-PROGRAM TO A COMPUTER TYPSETTING OF TECHNICAL JOURNALS ON UNIX	UNED1089	UNED1089
	UNIX USERS GROUP MEETING - TORONTO, JUNE 19-23, 1979	UNGI1396	UNGI1396
	AN ANALYSIS OF KERNEL MESSAGE BUFFER UTILIZATION IN UNIX/RT	UNOS1572	UNOS1572
	KERNEL PROFILING FOR UNIX SYSTEMS ON THE VAX-1	UNSA1545	UNSA1545
	THE DATA KERNEL: THE DATA BASE INTERFACE FOR MODM	UNSA1586	UNSA1586
	ASSEMBLER FOR THE DEC KMC11 MICROPROCESSOR	UNPL1225	UNPL1225
	DESCRIPTION AND ANALYSIS OF THE DEC KMC11 MICROPROCESSOR	UNHA1228	UNHA1228

THE UNIX MYSTIQUE OR WHAT UPPER MANAGEMENT SHOULD KNOW ABOUT UNIX	UNOS1622	
PROGRAM PROFILING UNDER MERT USING A DEC KW11-P CLOCK	UNSU1548	
KW11-P CLOCK DRIVER	UNOS1309	
USE OF THE REVISED UNIX-TO-UNIX COPY COMMAND FOR LAB 323	UNOS1361	
PROPOSAL FOR A MICROPROCESSOR BASED SYSTEMS DEVELOPMENT LABOR	UNMA1305	
A CHARACTER STRING SWITCH STATEMENT FOR THE C LANGUAGE	UNPL1624	
A MANUAL FOR THE TMC COMPILER-WRITING LANGUAGE	UNPL1009	
A REGULAR EXPRESSION MATCHER FOR THE C LANGUAGE	UNPL1101	
BC - AN ARBITRARY PRECISION DESK CALCULATOR LANGUAGE	UNPL1053	
BRAVISH: A MULTI-TASKING FACILITY FOR THE C LANGUAGE	UNPL1681	
CHARACTER STRING MANIPULATION IN THE C LANGUAGE	UNPL1208	
CLASSES: AN ABSTRACT DATA TYPE FACILITY FOR THE C LANGUAGE	UNPL1533	
DMAN: A DATA MANIPULATION LANGUAGE	UNPL1584	
SOME STATISTICS ON THE USAGE OF THE C LANGUAGE	UNPL1102	
SIGN OF INTEGRATED CIRCUITS	THE C PROGRAMMING LANGUAGE - REFERENCE MANUAL	UNPL1002
MULCA - MODULAR UNIX BASED LANGUAGE AND GRAPHIC AID FOR THE STRUCTURED DE	UNSA1551	
USING A COMMAND LANGUAGE AS THE PRIMARY PROGRAMMING TOOL	UNPL1452	
DOC: A DIALECT OF THE PROGRAMMING LANGUAGE C	UNPL1530	
SON-OF THE PROGRAMMING LANGUAGES C AND PASCAL - PART ONE: LANGUAGE CONCEPTS	UNPL1207	
THE PROGRAMMING LANGUAGE EPL	A COMPARISON	UNPL1465
SANLANG - A LANGUAGE FOR CHECKING DATA CONSISTENCY	UNPL1410	
AN INTERACTIVE CONTROL LANGUAGE FOR SIM	UNPL1723	
SIM - A LANGUAGE FOR SIMULATING COMPUTERS	UNPL1105	
USER'S GUIDE TO THE SMAL41 LANGUAGE FOR THE INTEL 8041 MICROPROCESSOR	UNSU1504	
USER'S GUIDE TO THE SMAL2 LANGUAGE FOR THE Zilog Z80 MICROPROCESSOR	UNSU1262	
A GRAPHICS LANGUAGE FOR TYPESETTING	UNSA1471	
PIC - A CRUDE GRAPHICS LANGUAGE FOR TYPESETTING	UNSA1558	
EVALUATION OF MICROPROCESSORS SUPPORTING THE C LANGUAGE: LSI-11, MAC-8, Z80	UNHA1347	
C - LANGUAGE ORIENTED MICRORPROGRAM FOR THE HP-21MX	UNHA1058	
SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 0: PRELUDE	UNPL1353	
SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 1: STATEMENTS	UNPL1378	
SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 2: DECLARATIONS	UNPL1427	
C LANGUAGE PORTABILITY	UNOS1204	
C LANGUAGE PORTABILITY	UNPL1204	
AN INTERACTIVE INTERFACE FOR C LANGUAGE PROGRAMS	UNPL1377	
RELATIVE CPU PERFORMANCE ON C LANGUAGE PROGRAMS	UNOS1480	
MAC-8 ASSEMBLY LANGUAGE PROGRAMMING MANUAL	UNPL1221	
PARSE() - A C LANGUAGE ROUTINE TO PARSE A STRING INTO WORDS	UNPL1271	
AWK - A PATTERN SCANNING AND PROCESSING LANGUAGE (SECOND EDIT)	UNPL1388	
EXTENSIONS OF THE C LANGUAGE TYPE CONCEPT	UNPL1208	
PACKET MANIPULATION LANGUAGE USER'S MANUAL	UNSA1552	
PROPERTY AND PROGRAMMING/ A COMPARISON OF THE PROGRAMMING LANGUAGES C AND PASCAL - PART ONE: LANGUAGE CO	UNPL1465	
A NEW DV-11 DRIVER FOR USE WITH LEAP	UNPL1537	
DESCRIPTION OF CHANGES IN LEAP RELEASE 3.07	UNOS1312	
A SYSTEM TESTING TECHNIQUE USING A UNIVERSAL LEAP SCRIPT	UNOS1636	
AN INTERACTIVE LEAP SCRIPT GENERATOR (ILSG)	UNSU1238	
ACS LEAP USER'S GUIDE	UNSA1223	
ITION)	THE LEARN PROGRAM FOR COMPUTER INSTRUCTION: (2ND ED)	UNED1104
Y T. M. RALEIGH AT WHIPPPANY	LECTURE ON UNIX SCHEDULER AND SWITCHER GIVEN 8	UNOS1214
A RECORD MANAGER FOR RANDOM ACCESS TO VARIABLE LENGTH RECORDS UNDER UNIX.	UNPL1288	
F1 - A FORM LETTER GENERATOR FOR THE UNIX SYSTEM	UNED1640	
LEX - A LEXICAL ANALYZER GENERATOR	UNPL1081	
CTRACE AND LTRACE - C AND LEX PROGRAM DEBUGGING TOOLS	UNSU1641	
LEX - A LEXICAL ANALYZER GENERATOR	UNPL1061	
A STAND-ALONE INPUT/OUTPUT LIBRARY	UNSU1209	
UPDATE FILES FOR THE C STANDARD LIBRARY	UNOS1475	
TEM	A PUBLIC LIBRARY FACILITY FOR THE UNIX TIME-SHARING SYS	UNSD1363
STRING MANIPULATION AND CONVERSION LIBRARY FOR PWS/UNIX (8.11)	UNPL1157	
A GENERAL-PURPOSE SUBROUTINE LIBRARY FOR SWITCHING CONTROL CENTER	UNPL1211	
A GENERALIZED SOFTWARE DEVELOPMENT SUPPORT LIBRARY FOR UNIX	UNSU1672	
IMPLEMENTATION OF A DEVELOPMENT SUPPORT LIBRARY FOR UNIX	UNSU1673	
A GUIDE TO THE C LIBRARY FOR UNIX USERS	UNPL1446	
ROUTINES	A LIBRARY OF REFERENCE STANDARD MATHEMATICAL SUB	UNPL1074
IBM MASS STORAGE	A C LIBRARY PERFORMANCE PROBLEM	UNPL1267
ANSITION MATRIX TECHNIQUES	LIMBO - AN ARCHIVE FACILITY FOR UNIX FILES ON	UNSU1540
SYNTHESIS OF A HALF-DUPLEX UNIX	USING A LINE CLOCK TO ESTIMATE MEAN DISK ACCESS TIME	UNHA1282
UNIX	LINE CONTROL PROCEDURE FOR UNIX USING STATE TR	UNOS1173
COMND -- A ROUTINE TO HANDLE COMMAND LINE PARSING	UNOS1481	
THE TELETYPE DATASPEED 40 LINE PRINTER AS A UNIX PERIPHERAL	UNHA1181	
POP11DM NOISE ON UNTERMINATED LINES	UNHA1255	
OR THE PCL11-A - A PARALLEL INTERPROCESSOR COMMUNICATIONS LINK	A UNIX DEVICE DRIVER F	UNHA1242
UNIX SOFTWARE DISTRIBUTION BY COMMUNICATION LINK	UNSU1279	
FORMAL SPECIFICATION OF X.25 COMPATIBLE LINK PROTOCOL	UNHA1389	
SERVICES	UNIX LINK TO MBS LINE PRINTER AND COMPUTER CENTER S	UNHA1181
DEVELOPMENT OF A SPELLING LIST	LINT, A C PROGRAM CHECKER	UNSU1186
TAPE.	UNIXLIST - AN IBM/370 UTILITY PROGRAM TO LIST A UNIX FILE STORED ON A 9-TRACK MAGNETIC	UNED1658
IMPLEMENTATION OF THE LARGE ARGUMENT LIST FEATURE IN UNIX/RTT'S EXEC. SYSTEM CALL	UNSU1088	
A SET OF LIST HANDLING ROUTINES FOR C PROGRAMS	UNPL1680	
VARIABLE LENGTH ARGUMENT LISTS IN C	UNPL1288	
ARU) PROTOTYPE SYSTEM - PERFORMANCE MEASUREMENT/ REAL TIME LISTING RETRIEVAL (RTL) AUDIO RESPONSE UNIT (UNSA1355	
CE ANALYSIS	PRELIMINARY REAL TIME LISTING RETRIEVAL (RTL) FIELD STUDY PERFORMAN	UNSA1415
RESUME INPUT FROM USER TERMINALS.	TITLE LISTINGS FOR UNIX MEMORANDA	UNSD1298
APARSE: AN ATTRIBUTED LL(1) COMPILER GENERATOR	UNPL1532	
FORMANCE ANALYSIS FOR LOOP MAINTENANCE OPERATIONS SYSTEM (LWOS) PRELIMINARY RELIABILITY AND TRAFFIC PER	UNOS1581	
DATA SWITCH REQUIREMENTS FOR A LOCAL AREA COMPUTER NETWORK	UNOS1580	
SUPPORTED STRUCTURE FOR LOCAL MODIFICATIONS TO UNIX	UNSD1420	
ON USING THE UNIX ERROR LOGGER	UNOS1176	
UNIX ERROR LOGGING	UNOS1163	

M USING UNIX RAW I/O	UNIX ERROR LOGGING ERROR LOGGING IN UNIX/TS AND UNIX/RT	UNMA1163 UNMA1284
THE TANDEM COMPUTER SYSTEM - A FIRST LOOK	THE LOGICAL FILE SYSTEM - A FAST-ACCESS FILE SYSTEM	UNCS1473 UNMA1330
LIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR	LOOP MAINTENANCE OPERATIONS SYSTEM (LMOS) PRE	UNOS1581 UNSU1669
THE IMPLEMENTATION OF THE LP SPOOLING SYSTEM	LP ADMINISTRATOR'S GUIDE	UNCS1648 UNCS1130
SETTING UP LSI-UNIX	SETTING UP LSI-UNIX - FIRST EDITION	UNCS1619 UNCS1158
SYSTEM	A LSI-UNIX (LSX) TEST SET FOR THE CALL PROGRESS	UNSA1619 UNCS1118
EVALUATION OF MICROPROCESSORS SUPPORTING THE C LANGUAGE: LSI-11, MAC-8, Z80	LSI-UNIX SUMMARY LSI-UNIX SYSTEM	UNMA1347 UNCS1457
SOCOM: LSX SHARED OBJECT CODE AND COMMON MEMORY SYSTEM	LSX PERFORMANCE	UNOS1583 UNCS1129
LECTURE ON UNIX SCHEDULER AND SWITCHER GIVEN BY T. M. RALEIGH AT WHIPPANY	REGENERATING LSX SOFTWARE	UNCS1131 UNSA1619
POWER SUPPLY CONTROLLER USING A MAC 8 MICRO PROCESSOR	CTRACE AND LTRACE - C AND LEX PROGRAM DEBUGGING TOOLS	UNSU1641 UNCS1214
REISSUE NO. 1 OF MAC-8 ASSEMBLER USER'S MANUAL	MAC-8 ASSEMBLY LANGUAGE PROGRAMMING MANUAL	UNMA1299 UNPL1150
MAC-8 C FOR BEGINNERS	MAC-8 C FOR BEGINNERS	UNPL1221 UNPL1166
ION OF MICROPROCESSORS SUPPORTING THE C LANGUAGE: LSI-11, MAC-8, Z80	EVALUAT	UNMA1347 UNMA1513
RELEASE 1.0 OF THE UNIX VIRTUAL PROTOCOL MACHINE	UNIX MICROCOMPUTER CONTROL OF APPARATUS	UNSU1219 UNED1628
USER GUIDE FOR THE OSDO ADAPTER	MACHINERY, AND EXPERIMENTS	UNED1160 UNED1174
THE M4 MACRO PROCESSOR	MACRO PACKAGE	UNED1174 UNPL1384
REFERENCE SHEET FOR PWB/MM MACROS	THE M4 MACRO PROCESSOR	UNED1148 UNED1152
NROFF MACROS FOR ANALYZING C PROGRAM ARGUMENTS	MACROS FOR PRODUCING GENERIC PROGRAM DOCUMENTA	UNED1148 UNED1216
PWB/UNIX MANUAL PAGE MACROS (I.3)	SUMMARY OF PWB/MM MACROS, STRINGS, AND REGISTERS (T.2)	UNED1098 UNED1192
PWB/MM - PROGRAMMER'S WORKBENCH MEMORANDUM MACROS (T.2)	PWB/UNIX VIEW GRAPH AND SLIDE MACROS (T.9)	UNED1028 UNPL1080
TYING DOCUMENTS ON THE UNIX SYSTEM: USING THE - MS MACROS WITH TROFF AND NROFF	U	UNPL1080
NIX FACILITIES FOR THE DEVELOPMENT OF PROGRAMS WRITTEN IN MACRO-11.	A MACROASSEMBLER FOR AN ARRAY PROCESSOR	UNPL1531
MVIEW - A SET OF MACROCOMMANDS FOR THE GENERATION OF VIEW GRAPH	AN IMPROVED MAGNETIC TAPE.	UNED1280
0 UTILITY PROGRAM TO LIST A UNIX FILE STORED ON A 9-TRACK SYSTEM	UNIXLIST - AN ISM/37 MAGNETIC TAPE DRIVER FOR THE UNIX/RT OPERATING	UNSU1068 UNOS1536
RXD-110: TWO PROGRAMS TO GENERATE UNIX-COMPATIBLE ELECTRONIC MAIL WITHOUT ALIASES	MAGNETIC TAPE	UNSU1215
ARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR LOOP PROPOSED STRUCTURE FOR UNIX/TS AND UNIX/RT	MAINTENANCE OPERATIONS SYSTEM (LMOS) PRELIMIN	UNOS1581 UNSU1285
SSI) THODOLO/ ENGINEERING AND DATA ACQUISITION SYSTEM/NETWORK	CHANGE MANAGEMENT AUTOMATIC SCCS SIMPLE INTERFACE (CA	UNSU1614
NO CONTROL FACILITY	MANAGEMENT (ZADAS/NM) CAPACITY ESTIMATION - ME	UNOS1449 UNED1659
THE UNIX MYTHOS AND WHAT UPPER	CHANGE MANAGEMENT EDITOR (CMED)	UNSA1590
THE UNIX MYSTIQUE OR WHAT UPPER	COSNIX FILE MANAGEMENT (FM) COMMAND-SOFTWARE DEVELOPMENT A	UNOS1379
STRUCTURED DATABASE	MANAGEMENT PROCEDURES	UNSA1666
THE UNIX MYTHOS AND WHAT UPPER	MANAGEMENT SHOULD ASK ABOUT UNIX	UNOS1632
THE UNIX MYSTIQUE OR WHAT UPPER	MANAGEMENT SHOULD KNOW ABOUT UNIX	UNSA1622
STRUCTURED DATABASE	MANAGEMENT SYSTEM	UNSA1666
CHANCE MANAGEMENT SYSTEM FOR U	MANAGEMENT SYSTEM DESIGN AND PHILOSOPHY	UNSU1613
MI - AN INTERACTIVE HIERARCHICAL DATA ADMS, AN ASSOCIATIVE DATABASE	MANAGEMENT SYSTEM FOR UNIX	UNSA1390
YET ANOTHER UNIX DATA BASE	MANAGEMENT SYSTEM SURVEY	UNSA1511 UNGI1729
A DATA-BASE	MANAGEMENT SYSTEM UNDER MERT	UNSA1374
ECORDS UNDER UNIX.	A RECORD MANAGER FOR RANDOM ACCESS TO VARIABLE LENGTH R	UNSU1171
OVERVIEW OF THE REDAS DATA BASE	MANAGER IN UNIX/TS AUGMENTED	UNSA1547
TRANSACTION FILE	MANAGER (TPM) PERFORMANCE IMPROVEMENTS	UNOS1665
UNIX COMMANDS FOR	MANAGERS AND NON-PROGRAMMERS	UNED1705
DIRECT II: DATA REPRESENTATION AND	MANIPULATION	UNSA1465
ING CONTROL CENTER	STRING MANIPULATION AND CONVERSION LIBRARY FOR SWITCH	UNPL1211
CHARACTER STRING	MANIPULATION IN THE C LANGUAGE	UNPL1208
DMAN: A DATA	MANIPULATION LANGUAGE	UNPL1584
PACKET	MANIPULATION LANGUAGE USER'S MANUAL	UNSA1552
DATA FILE	MANIPULATION ROUTINES	UNSA1574
A DESIGN AIDE FOR RELATIONAL DATABASE SCHEMAS - USER	MANUAL	UNSA1725
INTEL 8048 SIMULATOR (SIM48) USER	MANUAL	UNSA1448
MAC-8 ASSEMBLY LANGUAGE PROGRAMMING	MANUAL	UNPL1221
M2 ADMINISTRATOR'S PROGRAMMING	MANUAL	UNSA1525
M2 DATA ENTRY AND UPDATE	MANUAL	UNSA1524
M2 GENERATION SYSTEM	MANUAL	UNSA1526
NROFF/TROFF USER'S	MANUAL	UNED1119
PACKET MANIPULATION LANGUAGE USER'S	MANUAL	UNSA1552
REISSUE NO. 1 OF MAC-8 ASSEMBLER USER'S	MANUAL	UNPL1150
TEO INSTALLATION	MANUAL	UNED1688
THE C PROGRAMMING LANGUAGE - REFERENCE	MANUAL	UNPL1002
UNIX ASSEMBLER REFERENCE	MANUAL	UNPL1012
8080 SIMULATOR (IOSIM) USER	MANUAL	UNPL1224
8080/Z80 ASSEMBLER REFERENCE	MANUAL	UNPL1250
8080/Z80 SIMULATOR SW80 USER	MANUAL	UNSU1275
UNIX/TS USER'S	MANUAL - EDITION 1.1	UNPM1440
PURPOSE MICROASSEMBLER: FUNCTIONAL SPECIFICATION/USER'S	MANUAL - ISSUE II	UNPL1220
UNIX PROGRAMMER'S	MANUAL - PC-1C300 ISSUE 3	UNPM1088
UNIX/RT USER'S	MANUAL - RELEASE 1	UNPM1070
PWB/UNIX USER'S	MANUAL - RELEASE 2.0	PWB/1407
UNIX PROGRAMMER'S	MANUAL - SEVENTH EDITION, VOLUME 1	UNPM1400
UNIX PROGRAMMER'S	MANUAL - SEVENTH EDITION, VOLUMES 2A & 2B	UNPM1401
UNIX PROGRAMMER'S	MANUAL - SIXTH EDITION	UNPM1014
UNIX	PARASITE USER'S MANUAL: A REAL-TIME SATELLITE SYSTEM BASED ON	UNOS1573
Z80 SOFTWARE DEVELOPMENT TOOLS	USER'S MANUAL EDITION 3.1	UNSU1612
N SYSTEM	USER'S MANUAL FOR GETTING STARTED ON POLY	UNED1686
EM.	A USER MANUAL FOR THE MENU CREATION AND INTERPRETATIO	UNSA1598
PROGRAMMER'S	PROGRAMMER'S MANUAL FOR THE SEL-68 POP-11/45 OPERATING SYST	UNOS1155
	A MANUAL FOR THE TMC COMPILER-WRITING LANGUAGE	UNPL1009

	UNIX ASSEMBLER REFERENCE MANUAL FOR THE VAX 11/780	UNPL1625
	PWB/UNIX OPERATIONS MANUAL (1.3)	UNHA1196
	PWB/UNIX MANUAL PAGE MACROS (1.9)	UNED1152
	UNIX/32V TIME-SHARING SYSTEM: UNIX PROGRAMMER'S MANUAL, VERSION 1.0, VOLUME 1	UNPM1402
	UNIX/TS DOCUMENTATION ROAD MAP	UNCI1455
LIMBO - AN ARCHIVE FACILITY FOR UNIX FILES ON IBM MASS STORAGE		UNSU1540
A REGULAR EXPRESSION MATCHER FOR THE C LANGUAGE		UNPL1101
A SYSTEM FOR TYPESetting MATHEMATICS		UNED1029
TYPESETTING MATHEMATICS - USER'S GUIDE (SECOND EDITION)		UNPL1074
A LIBRARY OF REFERENCE STANDARD MATHEMATICAL SUBROUTINES		UNOS1173
EX LINE CONTROL PROCEDURE FOR UNIX USING STATE TRANSITION MATRIX TECHNIQUES	SYNTHESIS OF A HALF-DOUBL	UNOS1395
DEPARTMENT 3621	MAXIUNIX WORKPLAN	UNHA1181
UNIX LINK TO MBS LINE PRINTER AND COMPUTER CENTER SERVICES		UNOS1623
A SATELLITE PROCESSOR SYSTEM FOR THE MOTOROLA MC68000		UNOS1716
PROGRAMMING THE MOTOROLA MC68000		UNSA1620
CONCURRENCY AND CRASH RECOVERY IN MOON		UNSA1586
THE DATA KERNEL, THE DATA BASE INTERFACE FOR MOON		UNSU1168
A CONSOLE CONTROLLED INTERFACE BETWEEN AN INTELLEC MDS AND A TIME-SHARED COMPUTER SYSTEM.	UNIX-INTELLEC MDS INTERFACE	UNSU1118
USING A LINE CLOCK TO ESTIMATE MEAN DISK ACCESS TIME		UNHA1282
/AUDIO RESPONSE UNIT (ARU) PROTOTYPE SYSTEM - PERFORMANCE MEASUREMENTS /AL TIME LISTING RETRIEVAL (RTLR)		UNSA1365
UNIX SYSTEM CALL MEASUREMENTS		UNOS1113
G. NTEXT SWITCHES FOR UNIX/RT	SOME MERT PERFORMANCE MEASUREMENTS IN TRANSACTION ORIENTED PROCESSING	UNHA1162
CNCC UNIX PROJECT	SOME TIMING MEASUREMENTS OF EMTS, MESSAGE TRANSFERS AND CO	UNOS1500
NG SYSTEM	PERFORMANCE MEASUREMENTS, PROJECTIONS AND ENHANCEMENTS	UNOS1253
D OPERATING SYSTEM	ESCAPING UNIX: A MECHANISM FOR DEMON COOPERATION IN THE OPERATI	UNOS1664
CUMENTS	A MECHANISM OF STARTING A PROGRAM IN A UNIX BASE	UNOS1485
INTERPROCESS COMMUNICATION MECHANISMS IN C9-UNIX		UNOS1234
OPTIMIZING PROCESS CREATION AND TERMINATION	MECHANISMS IN UNIX	UNOS1236
MVM - AN EASIER WAY TO CREATE MEMORANDA	MEMO - A TOOL FOR PRODUCING AND MAINTAINING DO	UNED1518
TITLE LISTINGS FOR UNIX	MEMORANDA	UNED1649
PWB/MM - PROGRAMMER'S WORKBENCH	MEMORANDUM MACROS (T.2)	UNSD1296
BATTERY BACKUP FOR PDP 11/70 MDS	MEMORY	UNHA1416
FUNCTIONAL OPERATION OF THE RECENT CHANGE	MEMORY ADMINISTRATI	UNSA1322
USING A COMPUTER NETWORK AS A CACHE	MEMORY: DESIGN AND IMPLEMENTATION	UNOS1604
	A MEMORY DEVICE DRIVER FOR UNIX	UNOS1544
SHARED MEMORY FOR UNIX		UNOS1639
AGEN - AN ASSOCIATED MEMORY GENERATOR		UNPL1064
SHARED MEMORY IN UNIX		UNOS1127
SOCCOM: LSX SHARED OBJECT CODE AND COMMON MEMORY SYSTEM		UNOS1583
A USER MANUAL FOR THE MENU CREATION AND INTERPRETATION SYSTEM		UNSA1596
DESCRIPTION OF A MENU CREATION AND INTERPRETATION SYSTEM		UNSA1548
/ER: AN EXTENSIBLE, SELF DOCUMENTING, HIGHLY INTERACTIVE, MENU- AND SHELL-LIKE INTERFACE FOR NOVICE AND/		UNPL1679
A DATA-BASE MANAGEMENT SYSTEM UNDER MERT		UNSA1374
DA11B DRIVER IN MERT		UNOS1212
SYNCHRONOUS TERMINALS FOR MERT		UNOS1459
VIRTUAL FILE SYSTEMS ON MERT		UNOS1343
SYSTEM.	MERT - A MULTI-ENVIRONMENT REAL-TIME OPERATING	UNOS1082
SETTING-UP MERT		UNOS1146
MERT - SECOND EDITION		UNHA1161
MERT HARDWARE CONFIGURATION		UNOS1246
THE MERT OPERATING SYSTEM		UNMA1182
RIENTED PROCESSING.	SOME MERT PERFORMANCE MEASUREMENTS IN TRANSACTION O	UNSA1318
PRELIMINARY REPORT ON RCMAS AND MERT	PERFORMANCE PROBLEMS	UNSA1183
MERT RELEASE 0 FROM DEPARTMENT 8234		UNOS1287
ELEAS	UPGRADING MERT RELEASE 0 WITH MODIFICATION 0.1 TO MERT R	UNOS1287
SPS PROTOCOL IMPLEMENTED FOR DZ111 UNDER MERT		UNOS1469
REGENERATING MERT SOFTWARE		UNOS1147
GUIDELINES FOR CONVERTING MERT SOFTWARE TO UNIX/RT		UNOS1476
WRITING A MERT SUPERVISOR		UNOS1258
BANCS FACILITY FOR MERT/UNIX		UNSU1442
TERMINAL HANDLING UNDER UNIX AND MERT/UNIX		UNOS1316
RECORD HANDLING UNDER MERT/UNIX - THE QUEUE FACILITY		UNSU1443
THE MERT/UNIX SUPERVISOR		UNOS1278
PROGRAM PROFILING UNDER MERT USING A DEC KW11-P CLOCK		UNSA1546
AN ANALYSIS OF KERNEL MESSAGE BUFFER UTILIZATION IN UNIX/RT		UNOS1572
X/RT	EXPERIMENTAL OFFICE COMMUNICATIONS SERVICES - MESSAGE SYSTEM	UNSA1421
SOME TIMING MEASUREMENTS OF EMTS, MESSAGE TRANSFERS AND CONTEXT SWITCHES FOR UNI		UNOS1500
IMPLEMENTATION OF SEMAPHORES AND MESSAGES IN UNIX		UNOS1138
YSTEM-NETWORK MANAGEMENT (EADAS/NM) CAPACITY ESTIMATION - METHODOLOGY AND DATA REQUIREMENTS /QUISITION S		UNOS1449
CING MFSG, A C PROGRAM THAT FACILITATES THE DEFINITION OF MFS SCREENS	INTRODU	UNSU1609
ION OF MFS SCREENS	INTRODUCING MFSG, A C PROGRAM THAT FACILITATES THE DEFINIT	UNSU1609
MHC GENERAL - USE UNIX SERVICE II		UNCI1709
OPTIONAL SPECIFICATION/USER'S MANUAL - ISSUE II	MICA - A GENERAL PURPOSE MICROASSEMBLER: FUN	UNPL1220
POWER SUPPLY CONTROLLER USING A MAC 8	MICRO PROCESSOR	UNHA1299
	A MICRO-DBMS FOR A DISTRIBUTED DATA BASE	UNSA1350
R'S MANUAL - ISSUE II	UNIX ON A MICRO-PROCESSOR	UNOS1154
OL STORE	MICA - A GENERAL PURPOSE MICROASSEMBLER: FUNCTIONAL SPECIFICATION/USE	UNPL1220
AND EXPERIMENTS	MICROCODING THE VAX 11/780 USER-WRITABLE CONTR	UNPL1678
	UNIX MICROCOMPUTER CONTROL OF APPARATUS, MACHINERY,	UNSU1219
	A FILESYSTEMLESS UNIX FOR THE Z80 MICROPROCESSOR	UNHA1384
	ASSEMBLER FOR THE DEC KMC11 MICROPROCESSOR	UNPL1225
	DESCRIPTION AND ANALYSIS OF THE DEC KMC11 MICROPROCESSOR	UNHA1226
	QUE: A UNIX-LIKE EXECUTIVE FOR THE Z80 MICROPROCESSOR	UNSA1594
	UNIX ASSEMBLER FOR THE INTEL 8080 MICROPROCESSOR	UNPL1149
	UNIX ASSEMBLER FOR THE INTEL 8080 MICROPROCESSOR	UNSU1149
	USER'S GUIDE TO THE SMAL2 LANGUAGE FOR THE Zilog Z80 MICROPROCESSOR	UNSA1262
	USER'S GUIDE TO THE SMAL41 LANGUAGE FOR THE INTEL 8041 MICROPROCESSOR	UNSA1504
	A MICROPROCESSOR BASED DATA ACQUISITION AND CONT	UNOS1538
	PROPOSAL FOR A MICROPROCESSOR BASED SYSTEMS DEVELOPMENT LABOR	UNHA1305
	AN INTEGRATED SYSTEM FOR MICROPROCESSOR SUPPORT	UNSU1153
	UNIX ASSEMBLER FOR THE INTEL 804X MICROPROCESSORS	UNOS1482
	EVALUATION OF MICROPROCESSORS SUPPORTING THE C LANGUAGE: LSI	UNHA1347
	A MICROPROCESSOR-SUPPORTED SCREEN EDITOR (SCRED)	UNED1634
	C - LANGUAGE ORIENTED MICROPROGRAM FOR THE HP-21MX	UNHA1058
	SETTING-UP MINI-UNIX - SIXTH EDITION	UNOS1124
	MINI-UNIX REGENERATING SYSTEM SOFTWARE	UNOS1125
	MINI-UNIX SUMMARY	UNOS1123

THE MINI-UNIX SYSTEM	UNOS1135
DOCUMENTATION OF MINICOMPUTER PRODUCT TRIALS	UNSA1428
A MINICOMPUTER SATELLITE PROCESSOR SYSTEM	UNOS1247
CM, A UNIX DRIVER FOR THE MINITAPE SYSTEM	UNOS1167
MINUTES, ISCC COMMON COMMAND SUBCOMMITTEE	UNCI1340
DESCRIPTION OF MNCONF	UNSU1140
ENLARGING PDP-11 UNIX TABLE SPACE USING SUPERVISOR MODE	UNOS1257
AN ANALYTIC MODEL FOR DISTRIBUTED COMPUTER PERFORMANCE EVALUATION	UNOS1682
IMPLEMENTATION OF A PORTABLE FORTRAN 77 COMPILER USING MODERN	UNPL1354
R THE STRUCTURED DESIGN OF INTEGRATED CIRCUITS	UNSA1551
MULGA - MODULAR UNIX BASED LANGUAGE AND GRAPHIC AID FOR GLS FOR THE EXTRACTION AND REDUCTION OF PWS/UNIX SOFTWARE	TO UNOS1474
MONITOR DATA	UNOS1332
MONITOR TERMINALS UNDER THE UNIX OPERATING SYSTEM	UNMA1710
TERMINAL MONITORING SETUP	UNMA1460
A DATAKIT NETWORK MONITORING SYSTEM WITH A DIALUP FACILITY	UNMA1418
BATTERY BACKUP FOR PDP 11/70 NOS MEMORY	UNSA1667
EMU - A SIMPLE MOS TIMING SIMULATOR	UNSU1674
FILE TRANSFERS FOR MOTIS: TSS-UNIX-HARRIS	UNOS1623
A SATELLITE PROCESSOR SYSTEM FOR THE MOTOROLA MC68000	UNOS1716
PROGRAMMING THE MOTOROLA MC68000	UNMA1235
MOVING SYSTEM I/O BUFFERS OUT OF UNIX DATA ADDRESSES	UNSU1308
MRCS AND THE MRCS 2 DATA BASE SYSTEM	UNED1028
MS MACROS WITH TROFF AND NROFF	UNSA1551
MULGA - MODULAR UNIX BASED LANGUAGE AND GRAPHIC AID	UNOS1682
MERT - A MULTI-ENVIRONMENT REAL-TIME OPERATING SYSTEM.	UNOS1687
THE TRANSPARENT FILE SHARING SYSTEM: A MULTI-MACHINE UNIX FILE SYSTEM USING VIRTUAL CIRCUITS	UNCS1472
MULTI-PROCESSOR DMERT	UNPL1681
BRAVISH: A MULTI-TASKING FACILITY FOR THE C LANGUAGE	UNPL1388
C LANGUAGE ROUTINES FOR MULTI-THREAD COMPUTATIONS	UNSU1209
A LEXICOGRAPHIC MULTIKEY SORT PROGRAM ZSORT	2 UNOS1588
DSH - AN EXPERIMENTAL SHELL FOR CONNECTING PROCESSES WITH VIRTUAL CIRCUITS IN A MULTIPLE UNIX SYSTEM	UNOS1713
VIEW - A SET OF MACROCOMMANDS FOR THE GENERATION OF VIEW GRAPHS	UNED1280
MMMM - AN EASIER WAY TO CREATE MEMORANDA	UNED1649
THE UNIX MYSTIQUE OR WHAT UPPER MANAGEMENT SHOULD KNOW	UNOS1622
THE UNIX MYTHOS AND WHAT UPPER MANAGEMENT SHOULD ASK ABOUT	UNOS1632
M2 ADMINISTRATOR'S PROGRAMMING MANUAL	UNSA1525
DEVELOPING AN M2 APPLICATION	UNSA1523
M2 DATA ENTRY AND UPDATE MANUAL	UNSA1524
M2 GENERATION SYSTEM MANUAL	UNSA1525
M2 RETRIEVAL AND REPORTS	UNSA1522
THE M4 MACRO PROCESSOR	UNPL1160
A C ROUTINE FOR FILE NAME GENERATION	UNSU1642
NFTS: TOOLS FOR PROCESSING DATA WITH NAMED FIELDS	UNSU1346
NEW GRAPHIC SYMBOLS FOR EGN AND NEQN (T.S)	UNED1112
A UNIX DIAGRAM NETWORK	UNOS1568
DATA SWITCH REQUIREMENTS FOR A LOCAL AREA COMPUTER SYSTEM	UNOS1717
LYSIS OF COMPUTER INTERFACES FOR A DATAKIT-BASED COMPUTER	UNSA1448
SPOOLER AND DAEMON SOFTWARE FOR A PRINTER	UNOS1580
SPER NETWORKS	UNOS1604
TATION	UNOS1582
/ LIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR SATELLITE	UNOS1681
A TAPE BACK-UP SYSTEM FOR THE NETWORK FILE STORE	UNSU1081
TY	UNMA1460
A DATAKIT NETWORK MONITORING SYSTEM WITH A DIALUP FACILITY	UNOS1437
A DIAL-UP NETWORK OF UNIX SYSTEMS	UNOS15C9
NETWORK ADMINISTRATOR TASKS FOR UNIX FILE TRANSFER	UNOS1435
DEPARTMENT 3824'S WORKPLAN FOR NETWORKING IN 1979/80	UNOS1346
LOS	UNPL1112
NFTS: TOOLS FOR PROCESSING DATA WITH NAMED FILE	UNSU1346
POP11CM NOISE ON UNTERMINATED LINES	UNMA1580
SED - A NON-INTERACTIVE TEXT EDITOR	UNED13C7
UNIX COMMANDS FOR MANAGERS AND NON-PROGRAMMERS	UNED1708
A PROGRAM PACKAGE FOR UNIX TO NON-UNIX INTERACTION	UNSU1603
"ANCE SERVICES	UNPL1679
C. HIGHLY INTERACTIVE, MENU- AND SHELL-LIKE INTERFACE FOR NOVICE AND EXPERT USERS /IBLE, SELF DOCUMENTATION	UNED1028
ON THE UNIX SYSTEM: USING THE MS MACROS WITH TROFF AND NROFF	UNED1148
UMENTATION.	UNED1115
ORGANIZATION DIRECTORIES ON PWS/UNIX.	UNED1657
1100, IBM 370, AND TO IBM TSO	UNED1119
THE NSPEAK PROGRAM	UNSA1419
HARDWARE CHECKING FOR NULL POINTERS	UNMA1626
G AND TESTING NEW VERSIONS OF A GOOD 48-BIT PSEUDO-RANDOM NUMBER GENERATOR	IMPLEMENTIN UNSA1453
SYSTEMS	UNED1088
NUMERIC PATTERN RECOGNITION DATA BASE FOR UNIX	UNOS1733
OFFICE AUTOMATION SYSTEM (OAS) PERFORMANCE STUDY	UNED1627
PROSPECTUS ON QASYS, AN OFFICE AUTOMATION SYSTEM	UNOS1583
SOCOM: LSX SHARED OBJECT CODE AND COMMON MEMORY SYSTEM	UNED1627
PROSPECTUS ON QASYS, AN OFFICE AUTOMATION SYSTEM	UNOS1733
EXPERIMENTAL OFFICE COMMUNICATIONS SERVICES - MESSAGE SYSTEM	UNSA1421
COMPUTERIZED OFFICE FILING SYSTEM	UNED1175
A DESCRIPTION OF AUTOMATIC DIALING USING THE UNIX OPERATING SYSTEM	UNOS1150
& RAMTEK 9400 COLOR RASTER GRAPHICS SYSTEM UNDER THE UNIX OPERATING SYSTEM	A DEVICE DRIVER FOR THE UNSA1598
A MECHANISM OF STARTING A PROGRAM IN A UNIX BASED OPERATING SYSTEM	UNOS1488
OUTINES FOR ASSOCIATIVE DATABASE OPERATIONS WITH THE UNIX OPERATING SYSTEM	UNSA1815
A VERSION OF RATFOR FOR THE PDP-11'S RT-11 OPERATING SYSTEM	UNPL1248
ACTIVITY PROFILE OF THE PWS/UNIX OPERATING SYSTEM	UNOS1290
AN IMPROVED MAGNETIC TAPE DRIVER FOR THE UNIX/RT OPERATING SYSTEM	UNOS1538
CHARACTER DEVICE DRIVER DEVELOPMENT FOR CS-UNIX OPERATING SYSTEM	UNOS1424
ESCAPING UNIX: A MECHANISM FOR DEMON COOPERATION IN THE OPERATING SYSTEM	UNOS1564
EXPLANATION OF ABNORMAL CONDITIONS WITHIN THE UNIX OPERATING SYSTEM.	UNOS1047
MERT - A MULTI-ENVIRONMENT REAL-TIME OPERATING SYSTEM.	UNOS1062
MONITOR TERMINALS UNDER THE UNIX OPERATING SYSTEM	UNOS1332
PROGRAMMER'S MANUAL FOR THE SEL-88 PDP-11/45 OPERATING SYSTEM.	UNOS1155
REIMPLEMENTATION OF CSIE (T HE COMPUTER BUFFERED INFORMATION EXCHANGE) UNDER THE UNIX OPERATING SYSTEM	UNSA1557
SDS/NET - AN INTERACTIVE DISTRIBUTED OPERATING SYSTEM	UNOS1688
THE MERT OPERATING SYSTEM	UNOS1246
GRAPHICS SYSTEM RUNNING ON A DEC PDP-11/70 UNDER THE UNIX OPERATING SYSTEM /ING TESTS OF THE UNIGRAPHIX	UNOS1233
THE UNIX OPERATING SYSTEM - PG-1C300	UNOS1162
THE UNIX OPERATING SYSTEM - PG-1C300	UNSD1162

URATION ER	A STRUCTURED OPERATING SYSTEM FOR A PDP-11/45	UNOS1052
UTER SYSTEM (UNIX)	A REAL-TIME TIME-SHARED OPERATING SYSTEM FOR AN SEL/86 - PDP-11 CONFIG	UNOS1122
PRELIMINARY CONSIDERATIONS FOR EXPLORATORY UNIX OPERATING SYSTEM WORK	A UNIX OPERATING SYSTEM FOR THE DEC VAX-11/780 COMPUTER	UNOS1297
DAILY ACCOUNTING PROCEDURES FOR PWB OPERATIONS	AN INTERFACE BETWEEN A STAND ALONE OPERATING SYSTEM (ISIS) AND A TIME SHARED COMP	UNSA1433
	PWB/UNIX OPERATIONS MANUAL (I.3)	UNSA1638
	SHELL COMMANDS FOR RELATIONAL OPERATIONS ON FILEDDED FILES (SCROFF)	UNSA1529
ITY AND TRAFFIC PERFORMANCE ANALYSIS FOR LOOP MAINTENANCE	OPERATIONS SYSTEM (LMOS) PRELIMINARY RELIABIL	UNOS1581
UNIX EQUIPMENT TEST PACKAGE RELEASE 2.0 VAX 11/780	A SET OF C ROUTINES FOR ASSOCIATIVE DATABASE OPERATIONS WITH THE UNIX OPERATING SYSTEM	UNSA1615
	OPERATIONA PROCEDURES	UNHA1711
	AN OPERATIONAL ANALYSIS STUDY OF UNIX/370	UNOS1519
CHANISMS IN UNIX	A SHELL OPERATOR FOR INTER-MACHINE COMMUNICATION	UNOS1499
	DIRECTORY ASSISTANCE OPERATOR WORK TIME EXPLORATORY DATA ANALYSIS	UNSA1414
	OPTIMIZING PROCESS CREATION AND TERMINATION ME	UNOS1236
	TBL OPTIONS SUMMARY	UNED1314
	NROFF/TROFF FORMATTING CODES FOR DEPARTMENTAL ORGANIZATION DIRECTORIES ON PWB/UNIX.	UNED1115
	C - LANGUAGE ORIENTED MICROPROGRAM FOR THE HP-21MX	UNHA1058
	SOME MERT PERFORMANCE MEASUREMENTS IN TRANSACTION ORIENTED PROCESSING.	UNHA1182
INTER-PROCESS COMMUNICATIONS FACILITY FOR TRANSACTION ORIENTED UNIX SYSTEMS	INTER-PROCESS COMMUNICATIONS FACILITY FOR TRANSACTION ORIENTED UNIX SYSTEMS	UNOS1303
LE TRANSFER (UUCP) IN DEPARTMENT 3824 - RETROSPECTIVE AND OUTLOOK	USER GUIDE FOR THE OSDD ADAPTER MACRO PACKAGE	UNOS1503
	OVERLAYS IN A UNIX ENVIRONMENT	UNSU1670
	PWB/GRAFICS OVERVIEW	UNSA1398
STEM X/TS AUGMENTED	AN OVERVIEW OF THE AREA 90 PWB/UNIX ACCOUNTING SY	UNSA1637
	OVERVIEW OF THE REDAS DATA BASE MANAGER IN UNI	UNSA1547
	UNIX DISK FORMATTER FOR DEC RPCS PACKS (RPCFMT)	UNSU1577
	GENERAL-PURPOSE, REAL-TIME TEST SOFTWARE PACKAGE	UNPL1589
	USER GUIDE FOR THE OSDD ADAPTER MACRO PACKAGE	UNED1628
	THE SYSTEM ACTIVITY PACKAGE - UNIX 4.0	UNOS1663
	A NEW INPUT-OUTPUT PACKAGE (B.10)	UNOS1159
SYSTEM	A "C" BASED SOFTWARE INTERFACE PACKAGE FOR THE RAMTEK 9400 CO RASTER GRAPHICS	UNSA1597
	A PROGRAM PACKAGE FOR UNIX TO NON-UNIX INTERACTION	UNSU1603
EDURES	UNIX EQUIPMENT TEST PACKAGE RELEASE 2.0 VAX 11/780 OPERATIONA PROC	UNHA1711
	A SUBROUTINE PACKAGE TO DO PROCESS CLEANUP	UNOS1494
	INSTRUCTIONS FOR GRAPH, TEK, TEKSTARE AND GSIP GRAPHICS PACKAGES.	UNPM1110
	PACKET MANIPULATION LANGUAGE USER'S MANUAL	UNSA1552
	PWB/UNIX MANUAL PAGE MACROS (I.9)	UNED1152
E ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE	UNPL1107
E ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE	UNSD1107
E ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE	UNOS1107
E ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE	UNGD1107
E ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE	UNHA1107
E ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE	UNPM1107
E ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE	UNSU1107
E ON SOFTWARE ENGINEERING. (G.4)	A UNIX DEVICE DRIVER FOR THE PCL11-A - A PARALLEL INTERPROCESSOR COMMUNICATIONS LINK	UNHA1242
N UN BASED ON UNIX	SETTING UP PARASITE: A REAL-TIME SATELLITE SYSTEM BASED O	UNOS1621
SYSTEM BASED ON UNIX	USERS' GUIDE FOR THE PARASITE SYSTEM: A REAL-TIME SATELLITE SYSTEM	UNOS1569
	PARASITE USER'S MANUAL: A REAL-TIME SATELLITE	UNOS1573
ING INTO WORDS	USERS' GUIDE TO CODE: THE PARASITE-BASED CODING SYSTEM	UNSA1567
Y INTERACTIVE, MENU- AND SHELL-LIKE INTERFACE FOR NOVIC/	PARSE() - A C LANGUAGE ROUTINE TO PARSE A STR	UNPL1271
COMMD -- A ROUTINE TO HANDLE COMMAND LINE	PARSER: AN EXTENSIBLE, SELF DOCUMENTING, HIGHL	UNPL1679
	PARSING	UNPL1260
RAMMING/	THE SECOND PASS OF THE PORTABLE C COMPILER	UNPL1430
RAMMING/	PASCAL - PART ONE: LANGUAGE CONCEPTS	UNPL1485
	PASCAL - PART TWO: PROGRAM PROPERTIES AND PROG	UNPL1537
	PASSWORD SECURITY: A CASE HISTORY	UNOS1259
	CUT AND PASTE - TWO UNIX WORD PROCESSING COMMANDS	UNSD1205
NO EDIT	NUMERIC PATTERN RECOGNITION DATA BASE FOR UNIX SYSTEMS	UNED1085
	AWK - A PATTERN SCANNING AND PROCESSING LANGUAGE (SECO	UNPL1206
	PCL-11 EXPERIENCE	UNHA1684
IONS LINK	A UNIX DEVICE DRIVER FOR THE PCL11-A - A PARALLEL INTERPROCESSOR COMMUNICAT	UNHA1242
	PDP - A DEBUGGING AID	UNPL1538
	EXPANDED TEXT SPEC FOR THE PDP 11/70.	UNOS1663
	BATTERY BACKUP FOR PDP 11/70 MOS MEMORY	UNHA1418
	A CORE-RESIDENT UNIX SYSTEM FOR PDP-11'S	UNOS1264
	EXPERIENCE WITH HARDWARE SERVICE CONTRACTORS ON PDP-11'S	UNHA1281
	A VERSION OF RATFOR FOR THE PDP-11'S RT-11 OPERATING SYSTEM	UNPL1249
	A REAL-TIME TIME-SHARED OPERATING SYSTEM FOR AN SEL/86 - PDP-11 CONFIGURATION	UNOS1122
	ENLARGING PDP-11 UNIX TABLE SPACE USING SUPERVISOR MODE	UNOS1257
	UNIX ON THE PDP-11/23 AND 11/34 COMPUTERS	UNOS1588
	A STRUCTURED OPERATING SYSTEM FOR A PDP-11/45	UNOS1052
GN ERROR: HANDLING SEGMENTATION VIOLATIONS DIFFERENT FROM PDP-11/45 IMPLEMENTATION	PDP-11/70 DESI	UNHA1380
PROGRAMMER'S MANUAL FOR THE SEL/86 PDP-11/45 OPERATING SYSTEM.		UNOS1155
N OF THE REMOTE DIAGNOSTIC CONSOLE FOR USE ON BELL SYSTEM	POP-11/70 COMPUTER SYSTEMS	EVALUATIO
VIOLATIONS DIFFERENT FROM PDP-11/45 IMPLEMENTATION	POP-11/70 DESIGN ERROR: HANDLING SEGMENTATION	UNHA1380
TESTS OF THE UNIGRAPHIX GRAPHICS SYSTEM RUNNING ON A DEC	POP-11/70 UNDER THE UNIX OPERATING SYSTEM /ING	UNOS1233
SOFTWARE SEGMENTATION FOR LARGE INSTRUCTION SPACE ON THE PDP11		UNOS1534
	POP11ICH NOISE ON UNTERMINATED LINES	UNHA1550
	THE TELETYPE DATASPEED 40 LINE PRINTER AS A UNIX PERIPHERAL	UNHA1255
ATA ACQUISITI	A PERIPHERAL PROCESSOR INTERACTIVE CONTROL AND D	UNOS1289
	EMULATION OF UNIX ON PERIPHERAL PROCESSORS	UNOS1045
	CHECKING FILE ACCESS PERMISSIONS IN UNIX SYSTEMS	UNOS1385
	NEW PERMITTED INDEX PROGRAM ON UNIX	UNED1263
	THE UNIX OPERATING SYSTEM - PC-1C300	UNOS1162
	THE UNIX OPERATING SYSTEM - PC-1C300	UNSD1162
	UNIX SUPPORT CLASSIFICATIONS FOR PC-1C300 - ISSUE 2	UNSD1046
	UNIX PROGRAMMER'S MANUAL - PC-1C300 ISSUE 3	UNPM1088
	CHANGE MANAGEMENT SYSTEM DESIGN AND PHILOSOPHY	UNSA1613
	DESIGNER'S WORKBENCH - PHILOSOPHY	UNSA1616
	EASY PHOTOTYPESET VIEW GRAPHS ON UNIX	UNED1139
	THE DIRECT II VIRTUAL PHOTOTYPESETTER	UNED1515
	PIC - A CRUDE GRAPHICS LANGUAGE FOR TYPESETTIN	UNSA1558
G	MANCE ANALYSIS FOR SATELLITE NETWORK CONTROLLER (SNC) FOR PICTUREPHONE MEETING SERVICE (PMS) /PIC PERFOR	UNOS1582
	WEBSTER'S SECOND ON THE HEAD OF A PIN	UNED1082
	CIRCULARLY CONNECTED PROCESS PIPELINES	UNSU1587
	APPLICATION PLANNING GUIDE, RELEASE 0 OF BASIC-16	UNSA1315
ETWORK CONTROLLER (SNC) FOR PICTUREPHONE MEETING SERVICE (PMS) /PIC PERFORMANCE ANALYSIS FOR SATELLITE N	UNOS1582	

ITY UNDER UNIX	HARDWARE CHECKING FOR NULL POINTERS		UNMA1826
	USER'S MANUAL FOR GETTING STARTED ON POLY		UNED1686
	PORT - A NEW INTER-PROCESS COMMUNICATION FACIL		UNOS1230
	C LANGUAGE PORTABILITY		UNGS1204
	C LANGUAGE PORTABILITY		UNPL1204
	INTER-UNIX PORTABILITY		UNPL1203
	A TOUR THROUGH THE PORTABLE C COMPILER		UNPL1209
	ON UNDERSTANDING THE SUPPORT OF THE PORTABLE C COMPILER		UNPL1269
	THE SECOND PASS OF THE PORTABLE C COMPILER		UNPL1430
	CHANGES TO C AND THE PORTABLE C COMPILER - ISSUE 1		UNPL1467
RTABLE C COMPILER	A PORTABLE FORTRAN 77 COMPILER		UNPL1246
	IMPLEMENTATION OF A PORTABLE FORTRAN 77 COMPILER USING MODERN		UNPL1354
	THE DESIGN OF A PORTABLE POST-COMPILER CODE IMPROVER FOR THE PO		UNPL1510
	A PORTABLE VERSION OF THE UNIX TEXT EDITOR ED		UNED1456
	PORTING NROFF/TROFF TO UNIX ON DEC VAX 11/780,		UNED1657
	PORTING THE ADAPT DATA TRANSLATION SYSTEM TO T		UNSA1373
	THE DESIGN OF A PORTABLE POST-COMPILER CODE IMPROVER FOR THE PORTABLE C		UNPL1510
	EXTENDED SHELL - A POTENTIAL REAL TIME INTERPRETER		UKPL1228
	POWER SUPPLY CONTROLLER USING A MAC 8 MICRO PR		UNMA1299
	PRE AND POST PROCESSORS FOR THE UNIX EDITOR TO PROVIDE		UNED1554
PROCESSOR	PRE AND POST PROCESSORS FOR THE UNIX EDITOR TO PROVIDE		UNED1554
	POWER SUPPLY CONTROLLER USING A MAC 8 MICRO PR		UNOS1274
	PRE-RELEASE UNIX/TS		UNOS1274
	BC - AN ARBITRARY PRECISION DESK CALCULATOR LANGUAGE		UNPL1053
	SEMANTICS OF THE C PROGRAMMING LANGUAGE. PART 0: PRELUDE		UNPL1353
	PWB/UNIX EDITION 2.0 PREPARATION		UNGS1403
	TOOLS FOR PREPARATION OF TECHNICAL DOCUMENTS ON THE UNIX		UNED1600
	A GUIDE TO PREPARING DOCUMENTS ON UNIX		UNED1111
	RATFOR - A PREPROCESSOR FOR A RATIONAL FORTRAN		UNPL1193
	USING A COMMAND LANGUAGE AS THE PRIMARY PROGRAMMING TOOL		UNPL1452
SYST	UNIX LINK TO MVS LINE PRINTER AND COMPUTER CENTER SERVICES		UNMA1181
	THE TELETYPE DATASPEED 40 LINE PRINTER AS A UNIX PERIPHERAL		UNMA1255
	SPOOLER AND DAEMON SOFTWARE FOR A PRINTER NETWORK		UNSA1448
	INTRODUCTION TO THE PRINTF FAMILY		UNPL1721
	SPECIFICATIONS FOR THE PRINTF FAMILY		UNPL1722
	THE PRINTF FAMILY		UNPL1559
	INTRODUCTION TO THE PRINTF FAMILY		S UNMA1182
	CONE MERT PERFORMANCE MEASUREMENTS IN TRANSACTION ORIENTED		UNED1205
	CUT AND PASTE - TWO UNIX WORD PROCESSING COMMANDS		UNSU1346
	NFTS: TOOLS FOR PROCESSING DATA WITH NAMED FIELDS		UNED1386
TI	FINAL REPORT: SECRETARIAL WORD PROCESSING FACILITY ENHANCEMENT		UNPL1208
	AWK - A PATTERN SCANNING AND PROCESSING LANGUAGE (SECOND EDIT		UNED1660
	UNIX RELEASE 4.0 - CHANGES TO THE TEXT PROCESSING SOFTWARE		UNED1528
	CHANGES TO TEXT PROCESSING SOFTWARE FOR UNIX RELEASE 3.0		UNCS1527
	REAL-TIME PROCESSING UNDER UNIX		UNPL1531
	A MACROASSEMBLER FOR AN ARRAY PROCESSOR		UNMA1254
	AN ARRAY AND SWITCHING PROCESSOR		UNSA1299
	POWER SUPPLY CONTROLLER USING A MAC 8 MICRO PROCESSOR		UNGS1216
	SOFTWARE SUPPORT FOR SATELLITE PROCESSOR		UNCS1468
	TERMINAL HANDLING FOR UNIX/370 USING A FRONT END PROCESSOR		UNPL1160
ROLLED USER INTERACTION	THE M4 MACRO PROCESSOR		UNOS1375
	A 32-BIT PROCESSOR DESIGN		UNGS1288
	A PERIPHERAL PROCESSOR INTERACTIVE CONTROL AND DATA ACQUISI		UNGS1247
	A MINICOMPUTER SATELLITE PROCESSOR SYSTEM		UNGS1606
	SSPS - A SIMPLE SATELLITE PROCESSOR SYSTEM		UNGS1823
	A SATELLITE PROCESSOR SYSTEM FOR THE MOTOROLA MC68000		UNGS1045
	EMULATION OF UNIX ON PERIPHERAL PROCESSORS		UNED1554
	PRE AND POST PROCESSORS FOR THE UNIX EDITOR TO PROVIDE		UNED1201
	NOTES ON THE SELECTION, PROCUREMENT, INSTALLATION, AND USAGE OF UNIX 8		UNOS1662
	UNIX PRODUCT RELEASE DESCRIPTION RELEASE 4.0		UNSA1428
Y DEPARTMENT 5284.	DOCUMENTATION OF MINICOMPUTER PRODUCT TRIALS		UNSU1266
	INTERACTIVE DESIGN AID FOR GENERAL-PURPOSE ARTWORK PRODUCTION		UNSA1617
	DESIGNER'S WORKBENCH - PROVIDING A PRODUCTION ENVIRONMENT		UNOS1290
	ACTIVITY PROFILE OF THE PWB/UNIX OPERATING SYSTEM		UNPL1599
	A C PROFILE FOR TEST CASE VERIFICATION		UNSU1286
	CUMULATIVE PROGRAM PROFILING		UNSU1545
	KERNEL PROFILING FOR UNIX SYSTEMS ON THE VAX-11		UNSU1546
	PROGRAM PROFILING UNDER MERT USING A DEC KW11-P CLOCK		UNSU1602
	A RECORD SELECTION PROGRAM		UNCS1463
	FSCK - THE UNIX/TS FILE SYSTEM CHECK PROGRAM		UNSU1227
RECOMMENDATIONS FOR A COMPANY-WIDE UNIX EDUCATION PROGRAM	GEX - AN INTERACTIVE GRAPHICS PROGRAM		UNSA1222
	GF - A GRAPHICAL DATA ANALYSIS PROGRAM		UNSD1291
	SDIFF, A SIDE-BY-SIDE DIFFERENCE PROGRAM		UNSU1328
	THE NSPEAK PROGRAM		UNSA1419
	UUSTAT - A UWCP STATUS INQUIRY PROGRAM		UNCS1491
	MACROS FOR ANALYZING C PROGRAM ARGUMENTS		UNPL1384
	LINT, A C PROGRAM CHECKER		UNSU1186
	CTRACE AND LTRACE - C AND LEX PROGRAM DEBUGGING TOOLS		UNSU1641
	NROFF MACROS FOR PRODUCING GENERIC PROGRAM DOCUMENTATION.		UNED1148
	SE - A STRUCTURE EDITOR PROGRAM FOR ACCESSING C PROGRAM STRUCTURES		UNPL1468
TEM CRASH.	DEAD - A PROGRAM FOR ANALYZING UNIX SYSTEM CRASHES		UNOS1093
	TCMP - A PROGRAM FOR COMPARING PROGRAM TEXT AFTER A SYS		UNOS1092
	THE LEARN PROGRAM FOR COMPUTER INSTRUCTIONS (2ND EDITION)		UNED1104
	MAKE - A PROGRAM FOR MAINTAINING COMPUTER PROGRAMS		UNSU1078
	DEVELOPMENT OF A PROGRAM FOR PARTS INVENTORY CONTROL		UNSA1476
	CQ - A PROGRAM FOR TESTING C COMPILERS		UNPL1426
	DOCGEN - A SCRIPT DRIVEN PROGRAM FOR TYPING DOCUMENTS		UNED1629
	PROGRAM GENERIC CONTROL AND DOCUMENTATION ON U		UNSD1098
	FORMATTING PROGRAM GENERIC DOCUMENTS ON UNIX		UNED1170
	A MECHANISM OF STARTING A PROGRAM IN A UNIX BASED OPERATING SYSTEM		UNOS1468
NIX	NEW PERMUTED INDEX PROGRAM ON UNIX		UNED1263
	A PROGRAM PACKAGE FOR UNIX TO NON-UNIX INTERACTI		UNSU1603
	CUMULATIVE PROGRAM PROFILING		UNSU1286
	PROGRAM PROFILING UNDER MERT USING A DEC KW11-		UNSU1646
	SON OF THE PROGRAMMING LANGUAGES C AND PASCAL - PART TWO: PROGRAM PROPERTIES AND PROGRAMMING DOMAINS /RI		UNPL1537
	SCREENS		UNOS1439
	INTRODUCING MFGC, A C PROGRAM THAT FACILITATES THE DEFINITION OF MFS		UNSU1609
	TBL - A PROGRAM TO FORMAT TABLES		UNED1106
	K MAGNETIC TAPE.		UNSU1098
	UNIXLIST - AN IBM/370 UTILITY PROGRAM TO LIST A UNIX FILE STORED ON A 9-TRAC		UNSU1098

ASE 1.0)	STRUCT - A PROGRAM WHICH STRUCTURES FORTRAN	UNPL1084
TAPES	A LEXICOGRAPHIC MULTKEY SORT PROGRAM ZSORT	UNSU1209
	A SET OF LIST HANDLING ROUTINES FOR C PROGRAMS	UNPL1680
	AN INTERACTIVE INTERFACE FOR C LANGUAGE PROGRAMS	UNPL1377
	DPO: UNIX - HONEYWELL INTERFACE PROGRAMS	UNOS1371
MAKE - A PROGRAM FOR MAINTAINING COMPUTER PROGRAMS	UNOS1073	
RELATIVE CPU PERFORMANCE ON C LANGUAGE PROGRAMS	UNOS1480	
THOUGHTS ON DEBUGGING C PROGRAMS	UNPL1486	
WRITING TOOLS - THE STYLE AND DICTION PROGRAMS	UNED1487	
	READ - C PROGRAMS FOR ANALYZING READABILITY	UNCG1331
	WRITER'S WORKBENCH: COMPUTER PROGRAMS FOR TEXT EDITING AND ASSESSMENT (RELEASE	UNED1541
	RXD-11D: TWO PROGRAMS TO GENERATE UNIX-COMPATIBLE MAGNETIC	UNSU1215
1	UNIX FACILITIES FOR THE DEVELOPMENT OF PROGRAMS WRITTEN IN MACRO-11.	UNPL1080
2A & 2B.	UNIX PROGRAMMER'S MANUAL - PG-1C300 ISSUE 3	UNPM1088
PERATING SYSTEM.	UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUME	UNPM1400
S (C.1)	UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUMES	UNPM1401
B.1)	UNIX PROGRAMMER'S MANUAL - SIXTH EDITION	UNPM1014
INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S MANUAL FOR THE SEL-56 PDP-11/45 O	UNOS1155
INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S MANUAL, VERSION 1.0, VOLUME 1	UNPM1402
INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH - SYNOPSIS OF FACILITIES	UNED1109
INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH DOCUMENTATION ROADMAP	UNED1121
INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PWB/MM - PROGRAMMER'S WORKBENCH MEMORANDUM MACROS (T.2)	UNED1098
INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND	UNPL1107
INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND	UNSS1107
INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND	UNED1107
INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND	UNHA1107
INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND	UNPM1107
INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND	UNSU1107
GUIDE TO UNIVAC REMOTE JOB ENTRY FOR PROGRAMMER'S WORKBENCH USERS	UNOS1217	
DESIGNER'S WORKBENCH - THE PROGRAMMER ENVIRONMENT	UNSA1616	
SDMP - A DEBUGGING AID FOR UNIX C PROGRAMMERS	UNPL1413	
A SET OF C CLASSES FOR CO-ROUTINE STYLE PROGRAMMING	UNPL1560	
	UNIX PROGRAMMING - SECOND EDITION	UNPM1073
	UNIX PROGRAMMING - SECOND EDITION	UNOS1073
	THE UNIX PROGRAMMING ENVIRONMENT	UNOS1447
	A STYLE SHEET FOR C PROGRAMMING, ISSUE 1	UNPL1001
	THE C PROGRAMMING LANGUAGE - REFERENCE MANUAL	UNPL1143
DOC: A DIALECT OF THE PROGRAMMING LANGUAGE C	UNPL1530	
	THE PROGRAMMING LANGUAGE EPL	UNPL1410
	SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 0: PRELUDE	UNPL1353
	SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 1: STATEMENTS	UNPL1376
	SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 2: DECLARATIONS	UNPL1427
LANGUAGE CONCEPTS	A COMPARISON OF THE PROGRAMMING LANGUAGES C AND PASCAL - PART ONE:	UNPL1465
PROGRAM PROPERTIES AND PROGRAMMING/	A COMPARISON OF THE PROGRAMMING LANGUAGES C AND PASCAL - PART TWO:	UNPL1537
	MAC-6 ASSEMBLY LANGUAGE PROGRAMMING MANUAL	UNPL1221
	M2 ADMINISTRATOR'S PROGRAMMING MANUAL	UNSA1526
	PROGRAMMING THE MOTOROLA MC68000	UNOS1716
	USING A COMMAND LANGUAGE AS THE PRIMARY PROGRAMMING TOOL	UNPL1452
-NOTE FILES TO UNIX - A PROGRESS REPORT ON THE FILE SERVER	PROJECT	ADDING RE
	UNIX/RT ON A DEC VAX-11/780	UNOS1434
AND ENHANCEMENTS	PROJECT CONTRACT	UNOS1372
	CNCC UNIX PROJECT PERFORMANCE MEASUREMENTS, PROJECTIONS	UNOS1253
	CNCC UNIX PROJECT PERFORMANCE MEASUREMENTS, PROJECTIONS AND ENHANCEMENTS	UNOS1253
	A PROM WRITER FACILITY FOR UNIX IMPROVED VERSION	UNOS1281
	BASIC-16 PROSPECTUS	UNSA1313
	PROSPECTUS ON QASYS, AN OFFICE AUTOMATION SYSTEM	UNED1627
EM	FORMAL SPECIFICATION OF X.25 COMPATIBLE LINK	UNHA1389
	UNIX LINE DISCIPLINE FOR IBM 2740-1	UNOS1481
	A VIRTUAL TERMINAL	UNOS1451
SE 0.1	SPS PROTOCOL IMPLEMENTED FOR D211 UNDER MERT RELEASE	UNSA1469
	RELEASE 1.0 OF THE UNIX VIRTUAL PROTOCOL MACHINE	UNMA1513
(ARU) SUBSYSTEM DESIGN FOR REAL-TIME RETRIEVAL (RTLR)/ARU	PROTOTYPE SYSTEM	UNOS1306
L TIME LISTING RETRIEVAL (RTLR)/AUDIO RESPONSE UNIT (ARU)	AUDIO RESPONSE UNIT	UNSA1355
	PROTOTYPE SYSTEM - PERFORMANCE MEASUREMENTS / A	UNED1301
	A GUIDE TO THE OF PSEUDO-ATS ON UNIX	UNHA1453
IMPLEMENTING AND TESTING NEW VERSIONS OF A GOOD 48-BIT	PSEUDO-RANDOM NUMBER GENERATOR	UNSA1363
ING SYSTEM	A PUBLIC LIBRARY FACILITY FOR THE UNIX TIME-SHARING SYSTEM	UNSA1521
	ADMINISTRATIVE INFORMATION FOR PWB/GRAPHICS	UNSA1398
	PWB/GRAPHICS OVERVIEW	UNHA1423
	PWB/HARDWARE HELP	UNOS1451
	PWB/MM - PROGRAMMER'S WORKBENCH MEMORANDUM MAC	UNED1098
	ATS TO PWB/MM CONVERTER	UNED1300
	REFERENCE SHEET FOR PWB/MM MACROS	UNED1174
	SUMMARY OF PWB/MM MACROS, STRINGS, AND REGISTERS (T.2)	UNED1216
	TYPING DOCUMENTS WITH PWB/MM (T.3)	UNED1190
	AN INTRODUCTION TO THE PWB/MM TEXT FORMATTER	UNED1479
	PWB/MM TUTORIAL (T.4)	UNED1191
	DAILY ACCOUNTING PROCEDURES FOR PWB/OPERATIONS	UNSA1638
	NEW TEXT FORMATTING SOFTWARE FOR THE PWB SYSTEMS	UNED1179
	IMPLEMENTATION OF A BOOLEAN DATA ANALYSIS TECHNIQUE FOR PWB/U	UNSA1378
ATTING CODES FOR DEPARTMENTAL ORGANIZATION DIRECTORIES ON PWB/UNIX.	THE PWB/UNIX ACCOUNTING SYSTEM	UNED1115
	AN OVERVIEW OF THE AREA 90 PWB/UNIX ACCOUNTING SYSTEM	UNSA1637
	THE PWB/UNIX ACCOUNTING SYSTEM	UNSA1520
	A GENERAL-PURPOSE SUBROUTINE LIBRARY FOR PWB/UNIX (B.11)	UNPL1157
	PWB/UNIX BEGINNER'S COURSE (B.2)	UNED1168
	PWB/UNIX EDITION 2.0 PREPARATION	UNGS1403
	EXERCISES IN REPAIRING PWB/UNIX FILE SYSTEMS	UNGS1502
	REPAIRING DAMAGED PWB/UNIX FILE SYSTEMS (I.4)	UNGS1197
	SETTING UP PWB/UNIX (I.1)	UNGS1194
	ADMINISTRATIVE ADVICE FOR PWB/UNIX (I.2)	UNOS1195
	ACTIVITY PROFILE OF THE PWB/UNIX MANUAL PAGE MACROS (I.3)	UNED1152
	PWB/UNIX OPERATING SYSTEM	UNGS1290
	PWB/UNIX OPERATIONS MANUAL (I.3)	UNHA1196
	PWB/UNIX RJE ADMINISTRATOR'S GUIDE (I.5)	UNGS1198
	PWB/UNIX SHELL TUTORIAL (B.5)	UNOS1189
TOOLS FOR THE EXTRACTION AND REDUCTION OF PWB/UNIX SOFTWARE MONITOR DATA	PWB/UNIX USER'S MANUAL - RELEASE 2.0	UNOS1474
	PWB/UNIX USER'S MANUAL (B.12)	PWB/1407
	GUIDE TO IBM REMOTE JOB ENTRY FOR PWB/UNIX USERS (B.12)	UNCG1331

PROCESSOR	PWB/UNIX VIEW GRAPH AND SLIDE MACROS (T.9)	UNED1192
AIRE DATA	QUE: A UNIX-LIKE EXECUTIVE FOR THE Z80 MICROPROCESSOR	UNSA1594
RY ASSISTANCE SERVICES	RELATIONAL QUERIES ON HIERARCHICAL DATA - AN EXPERIMENT	UNPL1728
LECTURE ON UNIX SCHEDULER AND SWITCHER GIVEN BY T. M. RALEIGH AT WHIPPS	QUEST - A COMPUTER SYSTEM TO COLLECT QUESTIONS	UNSU1172
CONVERSION OF SICPPI FILES FROM UNIX TO RAMIS II	QUEST ADMINISTRATION HANDBOOK	UNPM1176
THE UNIX OPERATING SYSTEM	QUESTIONNAIRE DATA	UNSU1172
THE UNIX OPERATING SYSTEM	RECORD HANDLING UNDER MERT/UNIX - THE QUEUE FACILITY	UNSU1443
A "C" BASED SOFTWARE INTERFACE PACKAGE FOR THE RAMTEK 9400 CO RASTER GRAPHICS SYSTEM	QUIK: NOVEL APPROACH TO COMPUTERIZED DIRECTO	UNSU1245
A RECORD MANAGER FOR THE RAMTEK 9400 COLOR RASTER GRAPHICS SYSTEM UNDER UNIX.	UNSA1395	UNSA1597
A RECORD MANAGER FOR RANDOM ACCESS TO VARIABLE LENGTH RECORDS UNDER UNIX.	THE UNIX OPERATING SYSTEM	UNSU1171
A BASED SOFTWARE INTERFACE PACKAGE FOR THE RAMTEK 9400 CO RASTER GRAPHICS SYSTEM	A "C" BASED SOFTWARE INTERFACE PACKAGE FOR THE RAMTEK 9400 COLOR RASTER GRAPHICS SYSTEM	UNSA1597
A DEVICE DRIVER FOR THE RAMTEK 9400 COLOR RASTER GRAPHICS SYSTEM	A RECORD MANAGER FOR RANDOM ACCESS TO VARIABLE LENGTH RECORDS UNDER UNIX.	UNPL1193
A DEVICE DRIVER FOR THE RAMTEK 9400 COLOR RASTER GRAPHICS SYSTEM	RATFOR - A PREPROCESSOR FOR A RATIONAL FORTRAN	UNPL1193
A DEVICE DRIVER FOR THE RAMTEK 9400 COLOR RASTER GRAPHICS SYSTEM	A VERSION OF RATFOR FOR THE PDP-11'S RT-11 OPERATING SYSTEM	UNPL1249
RATFOR - A PREPROCESSOR FOR A RATIONAL FORTRAN	RATFOR - A PREPROCESSOR FOR A RATIONAL FORTRAN	UNPL1193
VSORT RATIONALE	VSORT RATIONALE	UNSU1565
ASYNCHRONOUS I/O FACILITIES FOR RAW BLOCK DEVICES UNDER UNIX	THE L	UNOS1241
OGICAL FILE SYSTEM - A FAST-ACCESS FILE SYSTEM USING UNIX	RAW I/O	UNOS1473
PRELIMINARY REPORT ON	RCMAS AND MERT PERFORMANCE PROBLEMS	UNSA1318
N GUIDELINES	RCMAS/MERT PERFORMANCE STUDY AND GENERAL DESIGN	UNOS1380
READ - C PROGRAMS FOR ANALYZING READABILITY	READ - C PROGRAMS FOR ANALYZING READABILITY	UNCI1331
A CONTINUOUS SERVICE	REAL TIME CLOCK FOR DIGITAL COMPUTERS	UNHA1048
EXTENDED SMELL - A POTENTIAL SERVICE	REAL TIME INTERPRETER	UNPL1228
NSE UNIT (ARU) PROTOTYPE SYSTEM - PERFORMANCE MEASUREMENTS/	REAL TIME LISTING RETRIEVAL (RTLR)/AUDIO RESPON	UNSA1355
PERFORMANCE ANALYSIS	REAL TIME LISTING RETRIEVAL (RTLR) FIELD STUDY	UNSA1415
COMPUTER CONTROLLED DATA ACQUISITION SYSTEM WITH A CAMAC	REAL TIME TM-DISPLAY	AN INTERACTIVE
REDAS - A RELATIONAL DATA ACCESS SYSTEM FOR	REAL-TIME APPLICATION	UNSA1344
FILE SYSTEM STRUCTURES FOR	REAL-TIME CAPABILITIES	UNOS1278
USER SPACE I/O COMMANDS GIVE UNIX	REAL-TIME OPERATING SYSTEM	UNOS1714
MERT - A MULTI-ENVIRONMENT	REAL-TIME PROCESSING UNDER UNIX	UNOS1062
REAL-TIME RETRIEVAL (RTLR)/ARU PROTOTYPE SYSTEM	REAL-TIME SYSTEM	UNOS1527
SETTING UP PARASITE: A REAL-TIME SATELLITE SYSTEM BASED ON UN	REAL-TIME TEST SOFTWARE PACKAGE	UNOS1306
PARASITE USER'S MANUAL: A REAL-TIME SATELLITE SYSTEM BASED ON UNIX	REAL-TIME SYSTEM	UNOS1621
TV STUDY FOR THE SERVICE EVALUATION CENTER - A UNIX-BASED	REAL-TIME SYSTEM	UNOS1514
GENERAL-PURPOSE, REAL-TIME TIME-SHARING SYSTEM	REAL-TIME TEST SOFTWARE PACKAGE	UNSA1362
SEL/56 - PDP-11 CONFIGURATION	REAL-TIME TIME-SHARING OPERATING SYSTEM FOR AN	UNOS1122
ION PROGRAM	A WORKSHOP ON REBOOTING THE UNIX TIME-SHARING SYSTEM	UNOS1336
CILITY	NUMERIC PATTERN RECOGNITION DATA BASE FOR UNIX SYSTEMS	UNED1085
LENGTH RECORDS UNDER UNIX.	RECOMMENDATIONS FOR A COMPANY-WIDE UNIX EDUCATION	UNSA1291
A RECORD MANAGER FOR RANDOM ACCESS TO VARIABLE LENGTH RECORDS UNDER UNIX.	RECORD HANDLING UNDER MERT/UNIX - THE QUEUE FA	UNSA1443
DECENTRALIZED TRANSACTION CONTROL AND CRASH RECOVERY	A RECORD INPUT/OUTPUT SYSTEM	UNSA1578
PROCESS RECOVERY	A RECORD MANAGER FOR RANDOM ACCESS TO VARIABLE LENGTH RECORDS UNDER UNIX.	UNSU1171
CONCURRENCY AND CRASH RECOVERY IN MOON	A RECORD SELECTION PROGRAM	UNSA1602
A DATABASE TRANSACTION BACKOUT AND CRASH RECOVERY SYSTEM	REAL-TIME TIME-SHARING SYSTEM	UNSA1251
AL-TIME APPLICA	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1571
OVERVIEW OF THE REDAS DATA BASE MANAGER IN UNIX/TS AUGMENTED	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNSA1432
TOOLS FOR THE EXTRACTION AND REDUCTION OF PWB/UNIX SOFTWARE MONITOR DATA	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNSA1344
UNIX REFERENCE CARD - SECOND EDITION	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1474
THE C PROGRAMMING LANGUAGE - REFERENCE MANUAL	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNED1021
*UNIX ASSEMBLER REFERENCE MANUAL	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNPL1002
5080/Z80 ASSEMBLER REFERENCE MANUAL	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNPL1012
UNIX ASSEMBLER REFERENCE MANUAL	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNPL1250
REFERENCE SHEET FOR PWB/MM MACROS	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNPL1625
A LIBRARY OF REFERENCE STANDARD MATHEMATICAL SUBROUTINES	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNPL1074
REFERENCING STANDARD UNIX DOCUMENTATION	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNSA1037
REGENERATING LSX SOFTWARE	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1131
REGENERATING MERT SOFTWARE	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1147
REGENERATING SYSTEM SOFTWARE	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1507
MINI-UNIX REGENERATING SYSTEM SOFTWARE	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1125
SUMMARY OF PWB/MM MACROS, STRINGS, AND REGISTERS (T.2)	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNED1216
A REGULAR EXPRESSION MATCHER FOR THE C LANGUAGE	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNSA1295
D (INFORMATION EXCHANGE) UNDER THE UNIX OPERATING SYSTEM	REGRESSION TESTING FOR C COMPILERS	UNPL1101
REIMPLEMENTATION OF CBIE (THE COMPUTER BUFFERS)	REGRESSION TESTING FOR C COMPILERS	UNSA1587
REISSUE NO. 1 OF MAC-6 ASSEMBLER USER'S MANUAL	REGRESSION TESTING FOR C COMPILERS	UNPL1150
PLICA	REDAS - A RELATIONAL DATA ACCESS SYSTEM FOR REAL-TIME APPLICATION	UNSA1344
CLIO - A RELATIONAL DATA BASE SYSTEM	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNSU1243
A DESIGN AIDE FOR RELATIONAL DATABASE SCHEMAS - USER MANUAL	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNSA1725
SHELL COMMANDS FOR RELATIONAL OPERATIONS ON FILEDDED FILES (SCROFF)	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNSA1529
XPERIMENT	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNPL1728
UPGRADING MERT RELEASE 0 WITH MODIFICATION 0.1 TO MERT RELEASE	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1287
UNIX PRODUCT RELEASE DESCRIPTION RELEASE 4.0	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1682
MERT RELEASE 0 FROM DEPARTMENT 5234	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1183
APPLICATION PLANNING GUIDE, RELEASE 0 OF BASIC-16	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNSA1315
UPGRADING MERT RELEASE 0 WITH MODIFICATION 0.1 TO MERT RELEASE	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1287
SPS PROTOCOL IMPLEMENTED FOR DZ11 UNDER MERT	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1469
UNIX/RT USER'S MANUAL - RELEASE 1	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNPM1070
UNIX/TS RELEASE 1.0	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1321
BENCH: COMPUTER PROGRAMS FOR TEXT EDITING AND ASSESSMENT	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNED1541
RELEASE 1.0	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNSA1513
UNIX/TS RELEASE 1.0 PLANS	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1232
PWB/UNIX USER'S MANUAL - RELEASE 2.0	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	PWB1407
UNIX EQUIPMENT TEST PACKAGE	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNHA1711
CHANGES TO TEXT PROCESSING SOFTWARE FOR UNIX	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNED1528
DESCRIPTION OF CHANGES IN LEAP RELEASE 3.0	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNOS1636
UNIX RELEASE 4.0 - CHANGES TO THE TEXT PROCESSING S	REAL-TIME TRANSACTION BACKOUT AND CRASH RECOVERY	UNED1660
SOFTWARE S	UNIX RELEASE 4.0 - HIGHLIGHTS OF CHANGES TO COMMANDO	UNOS1661

OR LOOP MAINTENANCE OPERATIONS SYSTEM (LMS) PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS	UNOS1715
OR SATELLITE NETWORK CONTROLLER (SNC) FOR P/ PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS	UNOS1581
EM PDP-11/70 COMPUTER SYSTEMS	UNOS1582
E FILE SERVER PROJECT	E UNOS1583
ERS	E UNMA1683
EVALUATION OF THE REMOTE DIAGNOSTIC CONSOLE FOR USE ON BELL SYST	UNMA1392
A REMOTE FILE SYSTEM DRIVER FOR UNIX	UNOS1411
ADDITION REMOTE FILES TO UNIX - A PROGRESS REPORT ON TH	UNOS1434
GUIDE TO UNIVAC REMOTE JOB ENTRY FOR PROGRAMMER'S WORKBENCH US	UNOS1217
GUIDE TO IBM REMOTE JOB ENTRY FOR PWB/UNIX USERS (B.12)	UNOS1087
REPAIRING DAMAGED PWB/UNIX FILE SYSTEMS (1.4)	UNOS1197
EXERCISES IN REPAIRING PWB/UNIX FILE SYSTEMS	UNOS1302
TERSE - A TECHNIQUE FOR REPORTING ON SMALL DATA BASES	UNSA1496
NEW TROUBLE REPORTING PROCEDURES	UNSA1326
ENHANCEMENTS TO THE USC TROUBLE REPORTING SYSTEM	UNSU1338
MODIFICATIONS TO THE TROUBLE REPORTING SYSTEM	UNSA1324
DIRECT II DATA REPRESENTATION AND MANIPULATION	UNSA1466
ON MAKING THE UNIX FILE SYSTEM CRASH RESISTANT	UNOS1555
YET ANOTHER CRASH RESISTANT UNIX FILE SYSTEM	UNOS1608
SYSTEM	E UNOS1329
EFFECTS ON UNIX HOST CPU RESOURCES BY THE USE OF INTELLIGENT TERMINALS	UNOS1605
RESPONSE TIME AND USER SATISFACTION ON A UNIX	UNOS1605
RESPONSE TO FSCK ERROR CONDITIONS IN UNIX	UNSU1633
ANCE MEASUREME/ REAL TIME LISTING RETRIEVAL (RTLR)/AUDIO RESPONSE UNIT (ARU) PROTOTYPE SYSTEM - PERFORM	UNSA1355
TIME RETRIEVAL (RTLR)/ARU PROTOTYPE SYSTEM	UNSA1306
AUDIO RESPONSE UNIT (ARU) SUBSYSTEM DESIGN FOR REAL- M2 RETRIEVAL AND REPORTS	UNSA1522
AUDIO RESPONSE UNIT (ARU) SUBSYSTEM DESIGN FOR REAL-TIME RETRIEVAL (RTLR)/ARU PROTOTYPE SYSTEM	UNOS1308
TOTYPE SYSTEM - PERFORMANCE MEASUREME/ REAL TIME LISTING RETRIEVAL (RTLR)/AUDIO RESPONSE UNIT (ARU) PRO	UNSA1355
SIS PRELIMINARY REAL TIME LISTING RETRIEVAL (RTLR) FIELD STUDY PERFORMANCE ANALY	UNSA1415
IDE FOR GENESIS, A UNIX-BASED GENERAL PURPOSE INFORMATION RETRIEVAL SYSTEM	USER'S GU
TO UNIX-TO-UNIX FILE TRANSFER (UUCP) IN DEPARTMENT 3824 - RETROSPECTIVE AND OUTLOOK	WORK RELATED
THE UNIX TIME-SHARING SYSTEM - A RETROSPECTIVE (G.3)	UNOS1503
PWB/UNIX RJE ADMINISTRATOR'S GUIDE (I.5)	UNOS1187
UNIX/TS DOCUMENTATION ROAD MAP	UNCI1485
PROGRAMMER'S WORKBENCH DOCUMENTATION ROADMAP (B.1)	UNED1121
A C ROUTINE FOR FILE NAME GENERATION	UNSU1642
COMMAND -- A ROUTINE TO HANDLE COMMAND LINE PARSING	UNPL1260
PARSE() - A C LANGUAGE ROUTINE TO PARSE A STRING INTO WORDS	UNPL1271
DATA FILE MANIPULATION ROUTINES	UNSA1574
ITH THE UNIX OPERATING SYSTEM	E UNSA1615
A SET OF C ROUTINES FOR ASSOCIATIVE DATABASE OPERATIONS	UNPL1680
A SET OF LIST HANDLING ROUTINES FOR C PROGRAMS	UNPL1388
C LANGUAGE ROUTINES FOR MULTI-THREAD COMPUTATIONS	UNSU1577
UNIX DISK FORMATTER FOR DEC RPQ6 PACKS (RPGFMT)	UNPL1249
UNIX DISK FORMATTER FOR DEC RPQ6 PACKS (RPGFMT)	UNPL1249
A VERSION OF RATFOR FOR THE PDP-11'S RT-11 OPERATING SYSTEM	UNPL1249
ONSE UNIT (ARU) SUBSYSTEM DESIGN FOR REAL-TIME RETRIEVAL (RTLR)/ARU PROTOTYPE SYSTEM	AUDIO RESP UNOS1306
EM - PERFORMANCE MEASUREME/ REAL TIME LISTING RETRIEVAL (RTLR)/AUDIO RESPONSE UNIT (ARU) PROTOTYPE SYST	UNSA1355
PRELIMINARY REAL TIME LISTING RETRIEVAL (RTLR) FIELD STUDY PERFORMANCE ANALYSIS	UNSU1025
SYNTHETIC ENGLISH SPEECH BY RULE	UNSA1415
ATING SY/ TIMING TESTS OF THE UNIGRAPHIX GRAPHICS SYSTEM RUNNING ON A DEC PDP-11/70 UNDER THE UNIX OPER	UNOS1233
BLE MAGNETIC TAPES	UNSA1215
DESIGN INTERNALS OF S-UNIX 3.0	UNOS1662
ENCY	E SANLANG - A LANGUAGE FOR CHECKING DATA CONSIST
ENCL	E UNPL1723
EXPANDED TEXT SAPEC FOR THE PDP 11/70.	UNCS1663
/IMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR SATELLITE NETWORK CONTROLLER (SNC) FOR PICTUR/	UNOS1582
SOFTWARE SUPPORT FOR SATELLITE PROCESSOR	UNOS1218
A MINICOMPUTER SATELLITE PROCESSOR SYSTEM	UNOS1247
SSPS - A SIMPLE SATELLITE PROCESSOR SYSTEM	UNOS1606
68000	E A SATELLITE PROCESSOR SYSTEM FOR THE MOTOROLA MC
SETTING UP PARASITE: A REAL-TIME SATELLITE SYSTEM BASED ON UN	UNOS1623
A REAL-TIME SATELLITE SYSTEM BASED ON UNIX	UNOS1621
PARASITE USER'S MANUAL: A REAL-TIME SATELLITE SYSTEM BASED ON UNIX	UNOS1573
USERS' GUIDE FOR THE PARASITE SYSTEM: A REAL-TIME SATELLITE SYSTEM BASED ON UNIX	UNOS1569
RESPONSE TIME AND USER SATISFACTION ON A UNIX SYSTEM	UNOS1605
AWK - A PATTERN SCANNING AND PROCESSING LANGUAGE (SECOND EDIT	UNPL1206
A SIMPLIFIED FRONT-END FOR SCCS	UNOS1516
CHANGE MANAGEMENT AUTOMATIC SCCS SIMPLE INTERFACE (CASSI)	UNSU1614
THE DIRECT II SCHEDULER	UNOS1462
AT WHIPPANY	E LECTURE ON UNIX SCHEDULER AND SWITCHER GIVEN BY T. M. RALEIGH
AND IMPLEMENTATION	E INTRODUCTION TO SCHEDULING AND SWITCHING UNDER UNIX
A DESIGN AIDE FOR RELATIONAL DATABASE SCHEMAS - USER MANUAL	UNOS1126
A MICROPROCESSOR-SUPPORTED SCREEN EDITOR (SCRED)	UNSA1725
XE - A SCREEN EDITOR FOR UNIX	UNED1634
AN INTERACTIVE SCREEN EDITOR FOR UNIX (EMACS)	UNED1553
A MICROPROCESSOR-SUPPORTED SCREEN EDITOR (SCRED)	UNED1542
MPSC, A C PROGRAM THAT FACILITATES THE DEFINITION OF MPS SCREENS	UNED1634
A SYSTEM TESTING TECHNIQUE USING A UNIVERSAL LEAP SCRIPT	INTRODUCING UNOS1603
DOCGEN - A SCRIPT DRIVEN PROGRAM FOR TYPING DOCUMENTS	UNED1629
AN INTERACTIVE LEAP SCRIPT GENERATOR (ILSG)	UNSU1223
HELL COMMANDS FOR RELATIONAL OPERATIONS ON FILEDDED FILES (SCROFF)	S UNSA1529
SYSTEM	SDB: A SYMBOLIC DEBUGGER
C PROGRAM STRUCTURES	S DIFF, A SIDE-BY-SIDE DIFFERENCE PROGRAM
LOAD CHARACTERIZATION FOR SDS/UNIX	S SCMP - A DEBUGGING AID FOR UNIX C PROGRAMMERS
IN-CORE TABLE SEARCH FUNCTIONS	S SDS/NET - AN INTERACTIVE DISTRIBUTED OPERATING
AWK - A PATTERN SCANNING AND PROCESSING LANGUAGE (SECOND EDIT	UNPL1206
SETTING-UP MERT - SECOND EDITION	UNOS1146
TYPESETTING MATHEMATICS - USER'S GUIDE (SECOND EDITION)	UNED1011
UNIX FOR BEGINNERS - SECOND EDITION	UNED1042
UNIX PROGRAMMING - SECOND EDITION	UNPM1073
UNIX PROGRAMMING - SECOND EDITION	UNOS1073
UNIX REFERENCE CARD - SECOND EDITION	UNPM1021
CINEERING. (C.4) PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE	EN UNPL1107
CINEERING. (C.4) PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE	EN UNSD1107
CINEERING. (C.4) PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE	EN UNOS1107
CINEERING. (C.4) PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE	EN UNED1107

GINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE EN UNPA1107	
GINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE EN UNPM1107	
GINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE EN UNSU1107	
	WEBSTER'S SECOND OR THE HEAD OR A PIN	UNED1082
	THE SECOND PASS OF THE PORTABLE C COMPILER	UNPL1430
	A SECRETARIAL TYPING SYSTEM USING UNIX	UNED1091
NT	FINAL REPORT: SECRETARIAL WORD PROCESSING FACILITY ENHANCEMENT	UNED1356
	UNIX FILE SECURITY	UNOS1335
	PASSWORD SECURITY: A CASE HISTORY	UNOS1259
	AN ESSAY IN COMPUTER SECURITY: DECRYPTING A FORMER UNIX CRYPT	UNOS1345
	ON THE SECURITY OF UNIX	UNOS1138
	SED - A NON-INTERACTIVE TEXT EDITOR	UNED1307
E PDP11	SOFTWARE SEGMENTATION FOR LARGE INSTRUCTION SPACE ON THE PDP-11/45	UNOS1534
45 IMPLEMENTATION	SEGMENTATION VIOLATIONS DIFFERENT FROM PDP-11/45	UNPA1380
	A C COMPILER FOR THE SEL COMPUTER	UNPL1237
	A REAL-TIME TIME-SHARED OPERATING SYSTEM FOR AN SEL/68 - PDP-11 CONFIGURATION	UNOS1122
	PROGRAMMER'S MANUAL FOR THE SEL-68 PDP-11/45 OPERATING SYSTEM.	UNOS1155
E OF UNIX BY DEPARTMENT 5254.	NOTES ON THE SELECTION, PROCUREMENT, INSTALLATION, AND USAQ	UNOS1201
	A RECORD SELECTION PROGRAM	UNSU1602
D SHELL-LIKE INTERFACE FOR NOVIC/ PARSER: AN EXTENSIVE, SELF DOCUMENTING, HIGHLY INTERACTIVE, MENU- AN	UNPL1679	
	OSIS - A DATABASE SYSTEM WITH INTERRELATIONAL SEMANTICS	UNSA1727
O: PRELUDE	SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART	UNPL1353
I: STATEMENTS	SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART	UNPL1376
2: DECLARATIONS	SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART	UNPL1427
	IMPLEMENTATION OF SEMAPHORES AND MESSAGES IN UNIX	UNOS1136
	A SENO-ONLY UUCP FACILITY	UNOS1492
	THE C LANGUAGE CALLING SEQUENCE	UNPL1207
DING REMOTE FILES TO UNIX - A PROGRESS REPORT ON THE FILE SERVER PROJECT	AD UNOS1434	
EM (CSACCS)	PERFORMANCE ASSESSMENT OF CUSTOMER SERVICE AND ADMINISTRATIVE CONTROL CENTER SYSTEM	UNOS1450
	EXPERIENCE WITH HARDWARE SERVICE CONTRACTORS ON PDP-11'S	UNHA1261
	DIRECT II SERVICE DISPATCHER	UNSA1425
TIME SYSTEM	A CAPACITY STUDY FOR THE SERVICE EVALUATION CENTER - A UNIX-BASED REAL-	UNSA1362
	MMCC GENERAL - USE UNIX SERVICE II	UNCI1709
TELLITE NETWORK CONTROLLER (SNC) FOR PICTUREPHONE MEETING SERVICE (PMS) /FIC PERFORMANCE ANALYSIS FOR SA	UNOS1582	
	A CONTINUOUS SERVICE REAL TIME CLOCK FOR DIGITAL COMPUTERS	UNHA1046
	BRIDGE: A UNIX EXPERIMENT FOR HOME COMPUTER SERVICES	UNSA1595
	EIS-EQUIPMENT INFORMATION SERVICES	UNSA1651
IX: A NOVEL APPROACH TO COMPUTERIZED DIRECTORY ASSISTANCE SERVICES	QU UNSU1245	
	UNIX LINK TO MBS LINE PRINTER AND COMPUTER CENTER SERVICES	UNHA1181
	EXPERIMENTAL OFFICE COMMUNICATIONS SERVICES - MESSAGE SYSTEM	UNSA1421
	A LSI-UNIX (LSX) TEST SET FOR THE CALL PROGRESS SYSTEM	UNSA1619
INC	A SET OF C CLASSES FOR CO-ROUTINE STYLE PROGRAMS	UNPL1580
RATIONS WITH THE UNIX OPERATING SYSTEM	A SET OF C ROUTINES FOR ASSOCIATIVE DATABASE OPS	UNSA1615
	A SET OF LIST HANDLING ROUTINES FOR C PROGRAMS	UNPL1680
W GRAPHS	MVIEW - A SET OF MACROCOMMANDS FOR THE GENERATION OF VIE	UNED1260
	SETTING UP LSI-UNIX - FIRST EDITION	UNOS1130
TEM BASED ON UN	SETTING UP PARASITE: A REAL-TIME SATELLITE SYS	UNOS1621
	SETTING UP PWB/UNIX (I.1)	UNOS1194
	SETTING UP UNIX - SEVENTH EDITION	UNOS1506
	SETTING UP UNIX/TS	UNOS1320
	SETTING-UP MERT - SECOND EDITION	UNOS1146
	SETTING-UP MINI-UNIX - SIXTH EDITION	UNOS1124
	TERMINAL MONITORING SETUP	UNHA1710
	SETTING UP UNIX - SEVENTH EDITION	UNOS1508
	UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUME 1	UNPM1400
	UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUMES 2A & 2B	UNPM1401
BETWEEN A STAND ALONE OPERATING SYSTEM (ISIS) AND A TIME SHARED COMPUTER SYSTEM (UNIX)	AN INTERFACE	UNSA1433
	SHARED MEMORY FOR UNIX	UNOS1639
	SHARED MEMORY IN UNIX	UNOS1127
	SCOCOM: LSX SHARED OBJECT CODE AND COMMON MEMORY SYSTEM	UNOS1583
M USING VIRTUAL CIRCUITS	THE TRANSPARENT FILE SHARING SYSTEM: A MULTI-MACHINE UNIX FILE SYSTEM	UNOS1687
	SHCWT - A TOOL FOR SHELL CONVERSION	UNOS1244
	A STYLE SHEET FOR C PROGRAMMING, ISSUE 1	UNPL1143
	REFERENCE SHEET FOR PWB/MM MACROS	UNED1174
ELDED FILES (SCROFF)	AN INTRODUCTION TO THE UNIX SHELL	UNPL1235
	FORM SHELL	UNSA1646
ATA STREAMS	THE FACS EXECUTION ENVIRONMENT SHELL	UNPL1677
	EXTENDED SHELL - A POTENTIAL REAL TIME INTERPRETER	UNPL1228
	EXAMPLES OF CONVERTING USC SHELL COMMAND FILES FOR THE NEW SHELL	UNSU1210
	SHELL COMMANDS FOR RELATIONAL OPERATIONS ON FI	UNSA1529
	SHCWT - A TOOL FOR SHELL CONVERSION	UNOS1244
	2DASH - AN EXPERIMENTAL SHELL FOR CONNECTING PROCESSES WITH MULTIPLE C	UNOS1585
	A SHELL OPERATOR FOR INTER-MACHINE COMMUNICATION	UNOS1499
	PWB/UNIX SHELL TUTORIAL (B.5)	UNOS1189
/ENSIBLE, SELF DOCUMENTING, HIGHLY INTERACTIVE, MENU- AND SHELL-LIKE INTERFACE FOR NOVICE AND EXPERT US/	UNPL1679	
	THE UNIX MYTHOS AND WHAT UPPER MANAGEMENT SHOULD ASK ABOUT UNIX	UNOS1632
	THE UNIX MYSTIQUE OR WHAT UPPER MANAGEMENT SHOULD KNOW ABOUT UNIX	UNOS1622
	CONVERSION OF SICPPR FILES FROM UNIX TO RAMIS II	UNSA1399
	SDIFF, A SIDE-BY-SIDE DIFFERENCE PROGRAM	UNSU1328
	CAUTIONS ON THE USE OF THE ALARM SIGNAL	UNOS1094
	AN INTERACTIVE CONTROL LANGUAGE FOR SIM	UNPL1105
	SIM - A LANGUAGE FOR SIMULATING COMPUTERS	UNPL1097
	CHANGE MANAGEMENT AUTOMATIC SCCS SIMPLE INTERFACE (CASSI)	UNSU1614
	EMU - A SIMPLE MOS TIMING SIMULATOR	UNSA1687
	SSPS - A SIMPLE SATELLITE PROCESSOR SYSTEM	UNOS1666
	A SIMPLIFIED FRONT-END FOR SCCS	UNOS1516
	SIM - A LANGUAGE FOR SIMULATING COMPUTERS	UNPL1097
	BLOSIM - A DISCRETE TIME BLOCK SIMULATOR	UNPL1079
	EMU - A SIMPLE MOS TIMING SIMULATOR	UNSA1667
	UNIX BASED TSPS HOTEL-MOTEL TRAFFIC SIMULATOR	UNSA1397
ME MP284X	A SIMULATOR FOR THE DATASPEED 40/4 TERMINAL ON THE	UNSU1611
	6080 SIMULATOR (IBOSIM) USER MANUAL	UNPM1224
	INTEL 6048 SIMULATOR (SIM48) USER MANUAL	UNSA1445
	6080/Z80 SIMULATOR SIM80 USER MANUAL	UNSU1275
	INTEL 6048 SIMULATOR (SIM48) USER MANUAL	UNSA1446
	SETTING-UP MINI-UNIX - SIXTH EDITION	UNOS1124
	UNIX PROGRAMMER'S MANUAL - SIXTH EDITION	UNPM1014

	PWB/UNIX VIEW GRAPH AND SLIDE MACROS (T.9)	UNED1192
R	USER'S GUIDE TO THE SMAL2 LANGUAGE FOR THE ZILOG Z80 MICROPROCESSOR	UNSU1517
SCR	USER'S GUIDE TO THE SMAL41 LANGUAGE FOR THE INTEL 8041 MICROPROCESSOR	UNSU1282
	8080/Z80 SIMULATOR	UNSU1504
	Z80 USER MANUAL	UNSU1278
IC	IC PERFORMANCE ANALYSIS FOR SATELLITE NETWORK CONTROLLER (SNC) FOR PICTUREPHONE MEETING SERVICE (PMS) / P	UNOS1582
PERFORMANCE	SOCCOM: LSX SHARED OBJECT CODE AND COMMON MEMO	UNOS1583
ANALYSIS		UNOS1583
BY SYSTEM	ADDITIONS TO THE USED SOFTWARE	UNSU1732
	AUTOMATIC CONFIGURATION OF CB UNIX SOFTWARE	UNOS1570
DIRECT	DIRECT II - AN APPROACH TO THE DESIGN OF APPLICATION SOFTWARE	UNSA1728
II	LSX SOFTWARE	UNOS1128
	MINI-UNIX REGENERATING SYSTEM SOFTWARE	UNOS1125
	REGENERATING LSX SOFTWARE	UNOS1131
	REGENERATING MERT SOFTWARE	UNOS1147
	REGENERATING SYSTEM SOFTWARE	UNOS1507
UNIX	UNIX RELEASE 4.0 - CHANGES TO THE TEXT PROCESSING SOFTWARE	UNED1660
RELEASE	--INTRODUCTION TO SOFTWARE' - A VIDEOTAPE COURSE	UNPL1199
4.0	A SOFTWARE ARCHITECTURE FOR PROVIDING A GRAPHICS	UNSA1342
	SYSTEM DEVELOPMENT WORKBENCH	UNOS1718
	A VIEW ON SOFTWARE CONTROL FOR UNIX RELEASES	UNSU1672
	A GENERALIZED SOFTWARE DEVELOPMENT SUPPORT LIBRARY FOR UNIX	UNHA1417
ON	AN ICE-85 BASED 8085 SOFTWARE DEVELOPMENT SYSTEM	UNSA1612
3.1	Z80 SOFTWARE DEVELOPMENT TOOLS USER'S MANUAL EDITI	UNSU1279
	UNIX SOFTWARE DISTRIBUTION BY COMMUNICATION LINK	UNOS1334
KBENCH	A FAST SOFTWARE ENCRYPTION ALGORITHM	UNOS1334
PAPERS	FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4) PROGRAMMER'S WOR	UNPL1107
FROM	KBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4) PROGRAMMER'S WOR	UNOS1107
THE	KBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4) PROGRAMMER'S WOR	UNED1107
SECOND	KBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4) PROGRAMMER'S WOR	UNHA1107
INTERNATIONAL	KBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4) PROGRAMMER'S WOR	UNPM1107
CONFERENCE	KBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4) PROGRAMMER'S WOR	UNSU1107
ON	KBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. (G.4) PROGRAMMER'S WOR	UNSA1448
THE	SPOOLER AND DAEMON SOFTWARE FOR A PRINTER NETWORK	UNED1179
SECOND	NEW TEXT FORMATTING SOFTWARE FOR THE PWB SYSTEMS	UNED1528
INTERNATIONAL	CHANGES TO TEXT PROCESSING SOFTWARE FOR UNIX RELEASE 3.0	UNSA1597
CONFERENCE	CO RASTER GRAPHICS SYSTEM A "C" BASED SOFTWARE INTERFACE PACKAGE FOR THE RAMTEK 9400	UNOS1474
ON	TOOLS FOR THE EXTRACTION AND REDUCTION OF PWB/UNIX SOFTWARE MONITOR DATA	UNPL1589
THE	GENERAL-PURPOSE, REAL-TIME TEST SOFTWARE PACKAGE	UNOS1534
POP11	ACE ON THE POP11 SOFTWARE SEGMENTATION FOR LARGE INSTRUCTION SP	UNSA1366
	CRAFT ACCESS SYSTEM SOFTWARE STANDARDS	UNOS1218
	GUIDELINES FOR CONVERTING MERT SOFTWARE TO UNIX/RT	UNOS1476
	A LEXICOGRAPHIC MULTIKEY SORT PROGRAM ZSORT	UNSU1209
	DIRECT II SORT UTILITIES	UNSA1484
	THE EVOLUTION OF A SOURCE CODE CONTROL SYSTEM	UNSU1304
	SOURCE CODE CONTROL SYSTEM USER'S GUIDE	UNOS1387
	SOURCE CONTROL + TOOLS = STABLE SYSTEMS	UNOS1586
	MOVING SYSTEM I/O BUFFERS OUT OF UNIX DATA ADDRESS SPACE	UNOS1235
	FILE INTEGRITY AND SPACE ACCOUNTING FOR A UNIX BASED SYSTEM.	UNOS1164
ITIES	FILE INTEGRITY AND USER SPACE I/O COMMANDS GIVE UNIX REAL-TIME CAPABIL	UNOS1714
	SOFTWARE SEGMENTATION FOR LARGE INSTRUCTION SPACE ON THE POP11	UNOS1534
	ENLARGING POP-11 UNIX TABLE SPACE USING SUPERVISOR MODE	UNOS1257
LS	UNIX SPECIFICATION - FILE SYSTEM RELATED SYSTEM CAL	UNOS1493
	UNIX SPECIFICATION - PROCESS RELATED SYSTEM CALLS	UNOS1495
	FORMAL SPECIFICATION OF X.25 COMPATIBLE LINK PROTOCOL	UNHA1389
MICA	FUNCTIONAL SPECIFICATION/USER'S MANUAL - ISSUE II	UNPL1220
- A GENERAL PURPOSE MICROASSEMBLER:	SPECIFICATIONS FOR THE PRINTF FAMILY	UNPL1722
	SYNTHETIC ENGLISH SPEECH BY RULE	UNSU1025
	MORE FLEXIBLE LOW SPEED I/O FOR UNIX	UNOS1202
ORK	DEVELOPMENT OF A SPELLING LIST	UNED1658
	SPOOLER AND DAEMON SOFTWARE FOR A PRINTER NETW	UNSA1448
LEASE	THE IMPLEMENTATION OF THE LP SPOOLING SYSTEM	UNSU1648
0.1	SPPS PROTOCOL IMPLEMENTED FOR DZ11 UNDER MERT R	UNOS1469
	SPPS - A SIMPLE SATELLITE PROCESSOR SYSTEM	UNOS1606
SHARED	SOURCE CONTROL + TOOLS = STABLE SYSTEMS	UNOS1556
COMPUTER	AN INTERFACE BETWEEN A STAND ALONE OPERATING SYSTEM (ISIS) AND A TIME	UNSA1433
SYSTEM	A STAND-ALONE INPUT/OUTPUT LIBRARY	UNOS1475
(UNIX)	HARDWARE REQUIREMENTS FOR STANDALONE UNIX SYSTEMS	UNHA1712
	UPDATE FILES FOR THE C STANDARD LIBRARY	UNOS1364
	A LIBRARY OF REFERENCE STANDARD MATHEMATICAL SUBROUTINES	UNPL1074
	REFERENCING STANDARD UNIX DOCUMENTATION	UNHA1385
C	CRAFT ACCESS SYSTEM SOFTWARE STANDARDS	UNSA1368
FACILITY	INDIAN HILL C STYLE AND CODING STANDARDS	UNPL1356
VERSION	THE USC UNIX STOCKROOM	UNSU1294
7	UNIX STANDARDIZATION SUBCOMMITTEE PROPOSED ARCHIVIN	UNOS1256
DESCENDANTS	STANDARDIZING FILE TYPES IN THE INODES OF UNIX	UNOS1256
	USER'S MANUAL FOR GETTING STARTED ON POLY	UNED1886
	STAT: A TOOL FOR ANALYZING DATA	UNSU1252
	A CHARACTER STRING SWITCH STATEMENT FOR THE C LANGUAGE	UNPL1624
SEMANTICS	A CHARACTER STRING SWITCH STATEMENT FOR THE C LANGUAGE	UNPL1378
OF THE C	STATEMENTS	UNPL1102
PROGRAMMING	SOME STATISTICS ON THE USAGE OF THE C LANGUAGE	UNSA1381
LANGUAGE,	THE USC UNIX STOCKROOM	UNSU1540
PART 1:	LINBO - AN ARCHIVE FACILITY FOR UNIX FILES ON IBM MASS STORAGE	UNSU1081
	A TAPE BACK-UP SYSTEM FOR THE NETWORK FILE STORE	UNPL1675
UNIXLIST	MICROCODING THE VAX 11/780 USER-WRITABLE CONTROL STORE	UNSU1068
- AN IBM/370 UTILITY PROGRAM TO LIST A UNIX FILE STORED ON A 9-TRACK MAGNETIC TAPE.	UNSU1068	
ATICALLY	ATICALLY GENERATE JCL COMMENTS FOR DATA EMBEDDED IN A JOB STREAM	UNSU1671
GENERATE	A C-PROGRAM TO AUTOM	UNSU1671
JCL	IMENTAL SHELL FOR CONNECTING PROCESSES WITH MULTIPLE DATA STREAMS	UNOS1585
COMMENTS	2DSM - AN EXPER	UNOS1585
FOR	PARSE() - A C LANGUAGE ROUTINE TO PARSE A STRING INTO WORDS	UNPL1271
DATA	STRING MANIPULATION AND CONVERSION LIBRARY FOR	UNPL1211
STRUCTURE	CHARACTER STRING MANIPULATION IN THE C LANGUAGE	UNPL1208
SWITCHING	A CHARACTER STRING SWITCH STATEMENT FOR THE C LANGUAGE	UNPL1824
CONTROL	SUMMARY OF PWB/MM MACROS, STRINGS, AND REGISTERS (T.2)	UNED1216
CENTER	STRUCT - A PROGRAM WHICH STRUCTURES FORTRAN	UNPL1084
	SE - A STRUCTURE EDITOR PROGRAM FOR ACCESSING C PROGR	UNPL1468
AN	SUPPORTED STRUCTURE FOR LOCAL MODIFICATIONS TO UNIX	UNSD1420
STRUCTURES	PROPOSED STRUCTURE FOR UNIX/TS AND UNIX/RT MAKEFILES	UNSU1285
	STRUCTURE OF A UNIX DATABASE FILE SYSTEM	UNOS1607
	SE - A STRUCTURE EDITOR PROGRAM FOR ACCESSING C PROGRAM STRUCTURES	UNPL1468

	FILE SYSTEM STRUCTURES FOR REAL-TIME APPLICATIONS	UNOS1276
	STRUCT - A PROGRAM WHICH STRUCTURES FORTRAN	UNPL1084
	STRUCTURED DATABASE MANAGEMENT SYSTEM	UNSA1666
LCA - MODULAR UNIX BASED LANGUAGE AND GRAPHIC AID FOR THE STRUCTURED DESIGN OF INTEGRATED CIRCUITS	NU	UNSA1551
	A STRUCTURED OPERATING SYSTEM FOR A PDP-11/45	UNOS1052
	AN ALGORITHM FOR STRUCTURING FLOWGRAPHS	UNPL1103
	INDIAN HILL C STYLE AND CODING STANDARDS	UNPL1356
	WRITING TOOLS - THE STYLE AND DICTION PROGRAMS	UNED1497
	A SET OF C CLASSES FOR CO-ROUTINE STYLE PROGRAMMING	UNPL1560
	A STYLE SHEET FOR C PROGRAMMING, ISSUE 1	UNPL1143
	MINUTES, ISCC COMMON COMMAND SUBCOMMITTEE	UNCI11340
	UNIX STANDARDIZATION SUBCOMMITTEE PROPOSED ARCHIVING FACILITY	UNSU1294
	SHELL SUBPROGRAM FACILITY	UNOS1327
	A GENERAL-PURPOSE SUBROUTINE LIBRARY FOR PWB/UNIX (8.11)	UNPL1157
	A SUBROUTINE PACKAGE TO DO PROCESS CLEANUP	UNOS1494
	A LIBRARY OF REFERENCE STANDARD MATHEMATICAL SUBROUTINES	UNPL1074
)/ARU PROTOTYPE SYSTEM	AUDIO RESPONSE UNIT (ARU) SUBSYSTEM DESIGN FOR REAL-TIME RETRIEVAL (RTLR)	UNOS1308
	THE MERT/UNIX SUPERVISOR	UNOS1278
	WRITING A MERT SUPERVISOR	UNOS1258
R	ENLARGING PDP-11 UNIX TABLE SPACE USING SUPERVISOR MODE	UNOS1257
	POWER SUPPLY CONTROLLER USING A MAC 8 MICRO PROCESSOR	UNMA1299
	AN INTEGRATED SYSTEM FOR MICROPROCESSOR SUPPORT	UNSU1153
	IMESHARING TERMINALS. UNIX CM-11 DRIVER TO SUPPORT BOTH TELETYPEWRITER AND DATASPEED 40 T	UNOS1077
	UNIX SUPPORT CLASSIFICATIONS FOR PG-IC300 - ISSUE 2	UNSD1046
	SUPPORT FOR C ON IBM COMPUTERS	UNPL1348
	SOFTWARE SUPPORT FOR SATELLITE PROCESSOR	UNOS1213
UNIX	A GENERALIZED SOFTWARE DEVELOPMENT SUPPORT LIBRARY FOR UNIX	UNSU1672
	IMPLEMENTATION OF A DEVELOPMENT SUPPORT LIBRARY FOR UNIX	UNSU1673
	ON UNDERSTANDING THE SUPPORT OF THE PORTABLE C COMPILER	UNPL1268
	SUPPORTED STRUCTURE FOR LOCAL MODIFICATIONS TO SUPPORTING THE C LANGUAGE: LSI-11, MAC-8, Z80	UNSD1420
	SUSPEND AND RESUME INPUT FROM USER TERMINALS.	UNOS1076
NETWORK	EVALUATION OF MICROPROCESSORS DATA SWITCH REQUIREMENTS FOR A LOCAL AREA COMPUTER	UNOS1580
	IMING MEASUREMENTS OF ENTS, MESSAGE TRANSFERS AND CONTEXT SWITCHES FOR UNIX/RT	SOME T
	LECTURE ON UNIX SCHEDULER AND SWITCHER GIVEN BY T. M. RALEIGH AT WHIPPANY	UNOS1500
	STRING MANIPULATION AND CONVERSION LIBRARY FOR SWITCHING CONTROL CENTER	UNPL1214
	AN ARRAY AND SWITCHING PROCESSOR	UNMA1254
TION	INTRODUCTION TO SCHEDULING AND SWITCHING UNDER UNIX	UNOS1069
	SCHEDULING AND SWITCHING UNDER UNIX ALGORITHMS AND IMPLEMENTATION	UNOS1126
	NEW GRAPHIC SYMBOLS FOR EGN AND NEQN (T.8)	UNED1112
	SDB: A SYMBOLIC DEBUGGER	UNOS1369
IX	BETA TEST OF THE COMM ICP-DMP SYNCHRONOUS COMMUNICATIONS CONTROLLER UNDER UN	UNMA1240
	SYNCHRONOUS TERMINALS FOR MERT	UNOS1459
	PROGRAMMER'S WORKBENCH - SYNOPSIS OF FACILITIES (G.1)	UNED1109
	UNIX COMMAND SYNTAX	UNOS1358
URE FOR UNIX USING STATE TRANSITION MATRIX TECHNIQUES	SYNTHESIS OF A HALF-DUPLEX LINE CONTROL PROCED	UNOS1173
	SYNTHETIC ENGLISH SPEECH BY RULE	UNSU1025
	SYNTHETIC PROCESS FOR UNIX	UNOS1114
TOOLS FOR PREPARATION OF TECHNICAL DOCUMENTS ON THE UNIX SYSTEM	SYST/ON F4P-UNIX - USER'S GUIDE	UNED1600
ESTIMATION - METACODE/ ENGINEERING AND DATA ACQUISITION SYSTEM/NETWORK MANAGEMENT (EADAS/MM) CAPACITY	SYST/ON F4P-UNIX - USER'S GUIDE	UNSA1387
	LECTURE ON UNIX SCHEDULER AND SWITCHER GIVEN BY T. M. RALEIGH AT WHIPPANY	UNOS1214
PWB/MM - PROGRAMMER'S WORKBENCH MEMORANDUM MACROS (T.2)	UNED1098	
SUMMARY OF PWB/MM MACROS, STRINGS, AND REGISTERS (T.2)	UNED1216	
TYPING DOCUMENTS WITH PWB/MM (T.3)	UNED1190	
PWB/MM TUTORIAL (T.4)	UNED1191	
NEW GRAPHIC SYMBOLS FOR EGN AND NEQN (T.8)	UNED1112	
PWB/UNIX VIEW GRAPH AND SLIDE MACROS (T.9)	UNED1192	
	IN-CORE TABLE SEARCH FUNCTIONS	UNSA1539
	ENLARGING PDP-11 UNIX TABLE SPACE USING SUPERVISOR MODE	UNOS1257
TBL - A PROGRAM TO FORMAT TABLES	UNED1106	
	DIRECT II IN-CORE TABLES: USER'S GUIDE	UNSA1412
PROGRAM TO LIST A UNIX FILE STORED ON A 9-TRACK MAGNETIC TAPE.	THE TANDEN COMPUTER SYSTEM - A FIRST LOOK	UNMA1330
	UNIXLIST - AN IBM/370 UTILITY	UNSU1068
	A TAPE BACK-UP SYSTEM FOR THE NETWORK FILE STORE	UNSU1081
XD-110: TWO PROGRAMS TO GENERATE UNIX-COMPATIBLE MAGNETIC TAPES	AN IMPROVED MAGNETIC TAPE DRIVER FOR THE UNIX/RT OPERATING SYSTEM	UNOS1536
	UNIX/T'S AUGMENTED TASK FORCE REPORT	R
	NETWORK ADMINISTRATOR TASKS FOR UNIX FILE TRANSFER NETWORKS	UNOS1362
	TBL - A PROGRAM TO FORMAT TABLES	UNED1106
	TBL OPTIONS SUMMARY	UNED1314
	TCMP - A PROGRAM FOR COMPARING PROGRAM TEXT AF	UNOS1092
TER A SYSTEM CRASH.	TED: A CASE STUDY IN THE DESIGN AND IMPLEMENTATION	UNED1707
TION OF DISPLAY-ORIENTED INTERA/ THE DISPLAY TEXT EDITOR	TED INSTALLATION MANUAL	UNED1688
	TERED REFERENCE MANUAL	UNED1650
	INSTRUCTIONS FOR GRAPM, TEK, TEKSTARE AND GSIP GRAPHICS PACKAGES.	UNPM1110
ERIPHERAL	INSTRUCTIONS FOR GRAPM, TEK, TEKSTARE AND GSIP GRAPHICS PACKAGES.	UNPM1110
RMINALS.	THE TELETYPE DATASPEED 40 LINE PRINTER AS A UNIX P	UNMA1255
	UNIX CM-11 DRIVER TO SUPPORT BOTH TELETYPEWRITER AND DATASPEED 40 TIMESHARING T	UNOS1077
	A UNIX BASED TERMINAL DRIVER FOR IES	UNSA1644
	A FASTER TERMINAL HANDLER FOR UNIX	UNOS1265
	TERMINAL HANDLING FOR UNIX/370 USING A FRONT E	UNOS1466
ND PROCESSOR	TERMINAL HANDLING UNDER UNIX AND MERT/UNIX	UNOS1316
	TERMINAL MONITORING SETUP	UNHA1710
	A SIMULATOR FOR THE DATASPEED 40/4	UNSU1611
	A VIRTUAL TERMINAL PROTOCOL FOR UNIX	UNOS1451
	A DEVICE INTERFACE FOR THE SANDERS GRAPHIC7 TERMINAL UNDER UNIX	UNOS1501
ECTS ON UNIX HOST CPU RESOURCES BY THE USE OF INTELLIGENT TERMINALS.	EFF	UNOS1329
EW UNIX SYSTEM CALL TO SUSPEND AND RESUME INPUT FROM USER TERMINALS.	LKOUT - A N	UNOS1076
SUPPORT BOTH TELETYPEWRITER AND DATASPEED 40 TIMESHARING TERMINALS.	UNIX CM-11 DRIVER TO	UNOS1077
A UNIX BASED SYSTEM FOR AUTOMATED TESTING OF ASYNCHRONOUS TERMINALS AND HOSTS	UNSA1469	
	SYNCHRONOUS TERMINALS FOR MERT	UNOS1459
	MONITOR TERMINALS UNDER THE UNIX OPERATING SYSTEM	UNSU1332
	OPTIMIZING PROCESS CREATION AND TERMINATION MECHANISMS IN UNIX	UNOS1236
	TERSE - A TECHNIQUE FOR REPORTING ON SMALL DAT	UNSA1498
A BASES	DEC FACTORY ACCEPTANCE TEST	UNOS1149
	A C PROFILER FOR TEST CASE VERIFICATION	UNPL1599

TIONS CONTROLLER UNDER UNIX PROCEDURES	BETA TEST OF THE COMM ICP-DUP SYNCHRONOUS COMMUNICA	UNHA1240
	UNIX EQUIPMENT TEST PACKAGE RELEASE 2.0 VAX 11/780 OPERATIONS	UNHA1711
	A LSI-UNIX (LSX) TEST SET FOR THE CALL PROGRESS SYSTEM	UNSA1619
	GENERAL-PURPOSE, REAL-TIME TEST SOFTWARE PACKAGE	UNPL1589
	THE AIDSTS TEST UTILITY ON VAX-11/780 UNIX	UNSU1610
	PROGRAM TESTING - WORK TO BE DONE	UNOS1439
	CQ - A PROGRAM FOR TESTING C COMPILERS	UNPL1426
	REGRESSION TESTING FOR C COMPILERS	UNSU1295
ANDOM NUMBER GENERATOR	IMPLEMENTING AND TESTING NEW VERSIONS OF A GOOD 48-BIT PSEUDO-R	UNSA1463
	A UNIX BASED SYSTEM FOR AUTOMATED TESTING OF ASYNCHRONOUS TERMINALS AND HOSTS	UNSA1489
T	A SYSTEM TESTING TECHNIQUE USING A UNIVERSAL LEAP SCRIP	UNSU1238
	TCMP - A PROGRAM FOR COMPARING PROGRAM TEXT AFTER A SYSTEM CRASH.	UNOS1092
	WRITER'S WORKBENCH: COMPUTER PROGRAMS FOR TEXT EDITING AND ASSESSMENT (RELEASE 1.0)	UNED1541
	A TUTORIAL INTRODUCTION TO THE UNIX TEXT EDITOR	UNED1000
	EDX - A CRT EDITOR EXTENSION TO THE UNIX TEXT EDITOR	UNED1708
	SGD - A NON-INTERACTIVE TEXT EDITOR	UNED1307
	VOTED - A VOICE COMMAND TEXT EDITOR	UNED1708
	AN EXTENDED UNIX TEXT EDITOR - EX	UNED1584
	A PORTABLE VERSION OF THE UNIX TEXT EDITOR ED	UNED1456
	EDTV - A DISPLAY-ORIENTED TEXT EDITOR FOR UNIX	UNED1177
D IMPLEMENTATION OF DISPLAY-ORIENTED INTERA/	THE DISPLAY TEXT EDITOR TDE: A CASE STUDY IN THE DESIGN AN	UNED1707
	AN INTRODUCTION TO THE PWB/MM TEXT FORMATTER	UNED1479
	NEW TEXT FORMATTING SOFTWARE FOR THE PWB SYSTEMS	UNED1179
	UNIX RELEASE 4.0 - CHANGES TO THE TEXT PROCESSING SOFTWARE	UNED1660
	CHANGES TO TEXT PROCESSING SOFTWARE FOR UNIX RELEASE 3.0	UNED1928
	EXPANDED TEXT SPEC FOR THE PDP 11/70.	UNOS1663
	TRANSACTION FILE MANAGER (TFM) PERFORMANCE IMPROVEMENTS	UNOS1685
USING A LINE CLOCK TO ESTIMATE MEAN DISK ACCESS TIME	USING A LINE CLOCK TO ESTIMATE MEAN DISK ACCESS TIME	UNHA1282
	RESPONSE TIME AND USER SATISFACTION ON A UNIX SYSTEM	UNOS1605
	BLOSIM - A DISCRETE TIME BLOCK SIMULATOR	UNPL1079
	A CONTINUOUS SERVICE REAL TIME CLOCK FOR DIGITAL COMPUTERS	UNMA1048
	DIRECTORY ASSISTANCE OPERATOR WORK TIME EXPLORATORY DATA ANALYSIS	UNSA1414
	EXTENDED SHELL - A POTENTIAL REAL TIME INTERPRETER	UNPL1228
NIT (ARU) PROTOTYPE SYSTEM - PERFORMANCE MEASUREME/	REAL TIME LISTING RETRIEVAL (RTL)/AUDIO RESPONSE U	UNSA1355
ORMANCE ANALYSIS	PRELIMINARY REAL TIME LISTING RETRIEVAL (RTL) FIELD STUDY PER	UNSA1415
RFACE BETWEEN A STAND ALONE OPERATING SYSTEM (ISIS) AND A TIME SHARED COMPUTER SYSTEM (UNIX)	AN INTE	UNSA1433
UTER CONTROLLED DATA ACQUISITION SYSTEM WITH A CAMAC REAL TIME TM-DISPLAY	AN INTERACTIVE COMP	UNED1169
	TIME-LINE ANALYSES UNDER UNIX	UNSA1575
ONSOLE CONTROLLED INTERFACE BETWEEN AN INTELLEC NDS AND A TIME-SHARED COMPUTER SYSTEM.	A C	UNSA1168
DP-11 CONFIGURATION	A REAL-TIME TIME-SHARED OPERATING SYSTEM FOR AN SEL/88 - P	UNOS1122
	A PUBLIC LIBRARY FACILITY FOR THE UNIX TIME-SHARING SYSTEM	UNSD1363
	A WORKSHOP ON REBOOTING THE UNIX TIME-SHARING SYSTEM	UNOS1336
	EXPERIENCES WITH THE UNIX TIME-SHARING SYSTEM	UNCI1477
PAC/PR80 - A C VERSION OF DEFERRED GRAFPAC UNDER THE UNIX TIME-SHARING SYSTEM.	GRAF	UNPL1018
	THE EVOLUTION OF THE UNIX TIME-SHARING SYSTEM	UNCI1470
	THE UNIX TIME-SHARING SYSTEM	UNCS1008
	THE UNIX TIME-SHARING SYSTEM - A RETROSPECTIVE (C.3)	UNOS1187
VERSION 1.0, VOLUME 1	UNIX/32V TIME-SHARING SYSTEM: UNIX PROGRAMMER'S MANUAL,	UNPM1402
11 DRIVER TO SUPPORT BOTH TELETYPEWRITER AND DATASPEED 40 TIMESHARING TERMINALS.	UNIX DM-	UNGS1077
AND CONTEXT SWITCHES FOR UNIX/RT	SOME TIMING MEASUREMENTS OF EMTS, MESSAGE TRANSFERS	UNOS1500
	EMU - A SIMPLE MOS TIMING SIMULATOR	UNSA1667
RUNNING ON A DEC PDP-11/70 UNDER THE UNIX OPERATING SY/	TIMING TESTS OF THE UNIGRAPHIX GRAPHICS SYSTEM	UNOS1233
	TITLE LISTINGS FOR UNIX MEMORANDA	UNSD1298
CONTROLLED DATA ACQUISITION SYSTEM WITH A CAMAC REAL TIME TM-DISPLAY	AN INTERACTIVE COMPUTER	UNED1169
	A MANUAL FOR THE TMC COMPILER-WRITING LANGUAGE	UNPL1009
USING A COMMAND LANGUAGE AS THE PRIMARY PROGRAMMING TOOL	UNPL1452	
	STAT: A TOOL FOR ANALYZING DATA	UNSU1282
	MEMO - A TOOL FOR PRODUCING AND MAINTAINING DOCUMENTS	UNED1518
	SHCVT - A TOOL FOR SHELL CONVERSION	UNOS1244
CTRACE AND LTRACE - C AND LEX PROGRAM DEBUGGING TOOLS	UNSU1641	
	WRITING TOOLS - THE STYLE AND DICTION PROGRAMS	UNED1497
N THE UNIX SYST	TOOLS FOR PREPARATION OF TECHNICAL DOCUMENTS	UNED1600
UNIX SOFTWARE MONITOR DATA	NFTS: TOOLS FOR PROCESSING DATA WITH NAMED FIELDS	UNSU1346
	TOOLS FOR THE EXTRACTION AND REDUCTION OF PWB/	UNOS1474
	SOURCE CONTROL - TOOLS = STABLE SYSTEMS	UNOS1558
	Z80 SOFTWARE DEVELOPMENT TOOLS USER'S MANUAL EDITION 3.1	UNSU1812
	UNIX USERS GROUP MEETING - TORONTO, JUNE 19-23, 1979	UNCI1396
	A TOUR THROUGH THE PORTABLE C COMPILER	UNPL1409
	A TOUR THROUGH THE UNIX C COMPILER	UNPL1408
INTERPROCESS COMMUNICATION PERFORMANCE	TRADE-OFFS IN CB - UNI	UNOS1288
	A TRAFFIC GENERATING SYSTEM	UNSA1333
NCE OPERATIONS SYSTEM (LMOS)	PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR LOOP MAINTENA	UNOS1581
WORK CONTROLLER (SNC) FOR P/	PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR SATELLITE NET	UNOS1582
	UNIX BASED TSPS HOTEL-MOTEL TRAFFIC SIMULATOR	UNSA1397
IX AND DECSYSTEM-10 OR UNIX AND VM/CMS	TRANS: A FACILITY TO TRANSFER FILES BETWEEN UN	UNSU1676
	A DATABASE TRANSACTION BACKOUT AND CRASH RECOVERY SYSTEM	UNOS1432
	DECENTRALIZED TRANSACTION CONTROL AND CRASH RECOVERY	UNSU1251
MOVEMENTS	TRANSACTION FILE MANAGER (TFM) PERFORMANCE IMP	UNOS1686
	TRANSACTION FILE MANAGER (TFM) PERFORMANCE IMP	UNHA1182
	TRANSACTION FILE MANAGER (TFM) PERFORMANCE IMP	UNOS1303
	TRANSACTION FILE MANAGER (TFM) PERFORMANCE IMP	UNSU1339
	TRANSACTION FILE MANAGER (TFM) PERFORMANCE IMP	UNSA1182
R UNIX AND VM/CMS	TRANS: A FACILITY TO TRANSFER FILES BETWEEN UNIX AND DECSYSTEM-10 O	UNSU1676
	NETWORK ADMINISTRATOR TASKS FOR UNIX FILE TRANSFER NETWORKS	UNOS1509
NETIVE AND OUTLOOK	WORK RELATED TO UNIX-TO-UNIX FILE TRANSFER (UUCP) IN DEPARTMENT 3624 - RETROSPEC	UNOS1503
	SOME TIMING MEASUREMENTS OF EMTS, MESSAGE TRANSFERS AND CONTEXT SWITCHES FOR UNIX/RT	UNOS1500
	FILE TRANSFERS FOR MOTIS: TSS-UNIX-MARRIS	UNSU1674
	FILE TRANSFERS FOR MOTIS: TSS-UNIX-MARRIS	UNOS1173
A HALF-DUPLEX LINE CONTROL PROCEDURE FOR UNIX USING STATE TRANSITION MATRIX TECHNIQUES	SYNTHESIS OF	UNOS1687
	PORTING THE ADAPT DATA TRANSLATION SYSTEM TO THE IBM 370	UNSA1373
NE UNIX FIL SYSTEM USING VIRTUAL CIRCUITS	THE TRANSPARENT FILE SHARING SYSTEM: A MULTI-MACHI	UNOS1687
DOCUMENTS ON THE UNIX SYSTEM: USING THE - MS MACROS WITH TROFF AND NROFF	TYPING	UNED1028
	A TROFF TUTORIAL	UNED1010
	NEW TROUBLE REPORTING PROCEDURES	UNSA1326
	ENHANCEMENTS TO THE USC TROUBLE REPORTING SYSTEM	UNSU1338
	MODIFICATIONS TO THE TROUBLE REPORTING SYSTEM	UNSA1324
UNIX ON DEC VAX 11/780, UNIVAC 1100, IBM 370, AND TO IBM TSO	PORTING NROFF/TROFF TO	UNED1657
	UNIX BASED TSPS HOTEL-MOTEL TRAFFIC SIMULATOR	UNSA1397
	FILE TRANSFERS FOR MOTIS: TSS-UNIX-MARRIS	UNSU1674
	A TROFF TUTORIAL	UNED1010

	PWB/UNIX SHELL TUTORIAL (8.5)	UNOS1189
(GED)	PROGRAMMING IN C - A TUTORIAL (8.9)	UNPL1001
	A TUTORIAL INTRODUCTION TO ADB	UNPL1185
	A TUTORIAL INTRODUCTION TO THE GRAPHICAL EDITOR	UNED1441
	A TUTORIAL INTRODUCTION TO THE UNIX TEXT EDITOR	UNED1000
	A TUTORIAL INTRODUCTION TO THE WRITER'S WORKSTATION	UNED1647
M	PWB/MM TUTORIAL (T.4)	UNED1191
	A GRAPHICS LANGUAGE FOR TYPESETTING	UNSA1471
SUE 2	PIC - A CRUDE GRAPHICS LANGUAGE FOR TYPESETTING	UNSA1558
	A SYSTEM FOR TYPESETTING MATHEMATICS	UNED1075
D EDITION)	TYPESETTING MATHEMATICS - USER'S GUIDE (SECOND EDITION)	UNED1029
	COMPUTER TYPESETTING OF TECHNICAL JOURNALS ON UNIX	UNED1089
	DOCCEN - A SCRIPT DRIVEN PROGRAM FOR TYPING DOCUMENTS	UNED1629
	- MS MACROS WITH TROFF AND NROFF	UNED1190
	TYPING DOCUMENTS ON THE UNIX SYSTEM: USING THE DOCCEN PROGRAM	UNED1028
	TYPING DOCUMENTS WITH PWB/MM (T.3)	UNED1091
	A SECRETARIAL TYPING SYSTEM USING UNIX	UNED1091
	COMPUTER DETECTION OF TYPOGRAPHICAL ERRORS	UNED1019
	- AN INTERACTIVE HIERARCHICAL DATA MANAGEMENT SYSTEM FOR UNIX	MI UNSA1390
	ETTING UP PARASITE: A REAL-TIME SATELLITE SYSTEM BASED ON UNIX	S UNOS1621
	CH UNDERSTANDING THE SUPPORT OF THE PORTABLE C LANGUAGE	UNPL1269
	INTERPROCESS COMMUNICATION PERFORMANCE TRADE-OFFS IN C8 - UNIX	UNOS1288
	UNID - A DATA FILE EDITOR	UNED1317
P-11/70 UNDER THE UNIX OPERATING SYSTEM	TIMING TESTS OF THE UNIGRAPHIX GRAPHICS SYSTEM RUNNING ON A DEC PD	UNOS1233
	CROSS ASSEMBLER DESIGN ON UNIX (UNIQUE FUNCTIONS)	UNPL1720
	UNITY - A SMALL DBMS FOR A UNIX ENVIRONMENT	UNSA1438
	ENHANCEMENTS TO THE UNITY DBMS	UNSA1645
ENH USERS	GUIDE TO UNIVAC REMOTE JOB ENTRY FOR PROGRAMMER'S WORKS	UNOS1217
	PRELIMINARY PERFORMANCE EVALUATION OF UNIVAC UNIX	UNOS1467
	PORTING NROFF/TROFF TO UNIX ON DEC VAX 11/780, UNIVAC 1100, IBM 370, AND TO IBM TSO	UNED1657
	A SYSTEM TESTING TECHNIQUE USING A UNIVERSAL LEAP SCRIPT	UNSU1238
DEVICE INTERFACE FOR THE SANDERS GRAPHIC7 TERMINAL UNDER UNIX		A UNOS1501
	A FASTER TERMINAL HANDLER FOR UNIX	UNOS1268
	A GENERALIZED SOFTWARE DEVELOPMENT SUPPORT LIBRARY FOR UNIX	UNSU1672
	A GUIDE TO PREPARING DOCUMENTS ON UNIX	UNED1111
	A GUIDE TO THE OF PSEUDO-ATS ON UNIX	UNED1301
	A MEMORY DEVICE DRIVER FOR UNIX	UNOS1544
	A REAL-TIME SATELLITE SYSTEM BASED ON UNIX	UNOS1514
ANAGER FOR RANDOM ACCESS TO VARIABLE LENGTH RECORDS UNDER UNIX.		A RECORD IN UNOS1171
	A REMOTE FILE SYSTEM DRIVER FOR UNIX	UNOS1411
	A SECRETARIAL TYPING SYSTEM USING UNIX	UNED1091
	A VIRTUAL TERMINAL PROTOCOL FOR UNIX	UNOS1461
	ADMS, AN ASSOCIATIVE DATABASE MANAGEMENT SYSTEM FOR UNIX	UNSA1511
	ADVANCED EDITING ON UNIX	UNED1108
PERATING SYSTEM (ISIS) AND A TIME SHARED COMPUTER SYSTEM (UNIX)		AN INTERFACE BETWEEN A STAND ALONE O UNSA1433
	ASYNCHRONOUS I/O FACILITIES FOR RAW BLOCK DEVICES UNDER UNIX	UNOS1241
	COMM IOP-DUP SYNCHRONOUS COMMUNICATIONS CONTROLLER UNDER UNIX	UNED1165
	CIRCUIT DESIGN AIDS ON UNIX	UNED1089
	COMPUTER TYPESETTING OF TECHNICAL JOURNALS ON UNIX	UNED1139
	EASY PHOTOPRESET VIEW GRAPHS ON UNIX	UNED1177
	EDTV - A DISPLAY-ORIENTED TEXT EDITOR FOR UNIX	UNED1170
	FORMATTING PROGRAM GENERIC DOCUMENTS ON UNIX	UNSU1673
	IMPLEMENTATION OF A DEVELOPMENT SUPPORT LIBRARY FOR UNIX	UNSU1298
	IMPLEMENTATION OF CR-Z GRAPHICS ON UNIX	IMPLEMENT UNSU1003
	IMPLEMENTATION OF LARGE CONTIGUOUS FILES AND ASYNCHRONOUS I/O IN UNIX	UNOS1136
	IMPLEMENTATION OF SEMAPHORES AND MESSAGES IN UNIX	UNOS1069
	INTRODUCTION TO SCHEDULING AND SWITCHING UNDER UNIX	UNOS1202
	MORE FLEXIBLE LOW SPEED I/O FOR UNIX	UNED1263
	NEW PERMUTED INDEX PROGRAM ON UNIX	UNOS1138
	ON THE SECURITY OF UNIX	UNOS1236
OPTIMIZING PROCESS CREATION AND TERMINATION MECHANISMS IN UNIX		PARA UNOS1573
SITE USER'S MANUAL: A REAL-TIME SATELLITE SYSTEM BASED ON UNIX		UNOS1230
PORT - A NEW INTER-PROCESS COMMUNICATION FACILITY UNDER UNIX		UNOS1467
	PRELIMINARY PERFORMANCE EVALUATION OF UNIVAC UNIX	UNSD1098
	PROGRAM GENERIC CONTROL AND DOCUMENTATION ON UNIX	UNOS1527
	REAL-TIME PROCESSING UNDER UNIX	UNG11337
	REPORT GENERATION ON UNIX	UNSU1633
	RESPONSE TO FSCK ERROR CONDITIONS IN UNIX	UNOS1639
	SHARED MEMORY FOR UNIX	UNOS1127
	SHARED MEMORY IN UNIX	UNSD1420
	SUPPORTED STRUCTURE FOR LOCAL MODIFICATIONS TO UNIX	UNOS1114
	SYNTHETIC PROCESS FOR UNIX	UNSU1610
	THE AIDSTS TEST UTILITY ON VAX-11/780 UNIX	UNSA1575
	TIME-LINE ANALYSES UNDER UNIX	UNOS1569
HE PARASITE SYSTEM: A REAL-TIME SATELLITE SYSTEM BASED ON UNIX		UNED1553
	XE - A SCREEN EDITOR FOR UNIX	UNOS1434
OBJECT	ADDING REMOTE FILES TO UNIX	UNOS1371
	- A PROGRESS REPORT ON THE FILE SERVER PR	UNOS1506
	DDP: UNIX - HONEYWELL INTERFACE PROGRAMS	UNOS1505
	SETTING UP UNIX - SEVENTH EDITION	UNOS1684
OPERATING SYSTEM	7TH EDITION UNIX - SUMMARY	UNOS1126
	ESCAPING UNIX: A MECHANISM FOR DEMON COOPERATION IN THE	UNOS11630
	SCHEDULING AND SWITCHING UNDER UNIX ALGORITHMS AND IMPLEMENTATION	UNOS1678
	UNIX AND C BIBLIOGRAPHY	UNOS1318
	TRANS: A FACILITY TO TRANSFER FILES BETWEEN UNIX AND DECSystem-10 OR UNIX AND VM/CMS	UNOS1682
	TERMINAL HANDLING UNDER UNIX AND MERT/UNIX	UNOS1149
	UNIX ASSEMBLER FOR THE INTEL 8048 MICROPROCESSOR	UNOS1149
	UNIX ASSEMBLER FOR THE INTEL 8080 MICROPROCESSOR	UNOS1149
	UNIX ASSEMBLER REFERENCE MANUAL	UNPL1012
	UNIX ASSEMBLER REFERENCE MANUAL FOR THE VAX 11	UNPL1628
	UNIX 8-TREES	UNOS1668
ORS	RUCTURED DESIGN OF INTEGRATED CIRCUITS	UNSA1551
CR	MULCA - MODULAR UNIX BASED LANGUAGE AND GRAPHIC AID FOR THE ST	UNOS1488
CR	A MECHANISM OF STARTING A PROGRAM IN A UNIX BASED OPERATING SYSTEM	UNOS1164
	FILE INTEGRITY AND SPACE ACCOUNTING FOR A UNIX BASED SYSTEM	UNSA1469
	A UNIX BASED SYSTEM FOR AUTOMATED TESTING OF ASY	UNSA1644
	A UNIX BASED TERMINAL DRIVER FOR IES	UNSA1397
	UNIX BASED TSPS HOTEL-MOTEL TRAFFIC SIMULATOR	UNOS1201
/780	ON THE SELECTION, PROCUREMENT, INSTALLATION, AND USAGE OF UNIX BY DEPARTMENT 5294.	NOTES UNOS1201

	A TOUR THROUGH THE UNIX C COMPILER	UNPL1408
	SDMP - A DEBUGGING AID FOR UNIX C PROGRAMMERS	UNPL1413
	USING UNIX CAPABILITIES MORE EFFECTIVELY	UNOS1370
	THE UNIX CIRCUIT DESIGN SYSTEM	UNSU1631
	UNIX/CM CHANGE MANAGEMENT PROCEDURES	UNSA1590
	UNIX COMMAND SYNTAX	UNOS1358
	ON THE INCONSISTENCIES OF UNIX COMMANDS	UNOS1325
	UNIX COMMANDS FOR MANAGERS AND NON-PROGRAMMERS	UNED1705
	CROSS ASSEMBLER DESIGN ON UNIX (COMMON FUNCTIONS)	UNPL1719
	STANDARD UNIX CONFIGURATIONS - ISSUE 2	UNMA1365
	DOS-BATCH TO UNIX CONVERSION	UNOS1120
	DIVISION 56 UNIX COURSE	UNOS1429
	UNIX COURSES	UNOS1277
	AN ESSAY IN COMPUTER SECURITY: DECRYPTING A FORMER UNIX CRYPT	UNOS1345
	MOVING SYSTEM I/O BUFFERS OUT OF UNIX DATA ADDRESS SPACE	UNOS1235
	YET ANOTHER UNIX DATA BASE MANAGEMENT SYSTEM SURVEY	UNGI1729
	STRUCTURE OF A UNIX DATABASE FILE SYSTEM	UNOS1607
L	INTERPROCESSOR COMMUNICATIONS LINK	UNMA1242
ER	FOR AND DATASPEED 40 TIMESHARING TERMINALS.	UNOS1077
	UNIX DEVICE DRIVER FOR THE PCL11-A - A PARALLEL	UNMA1242
	UNIX DH-11 DRIVER TO SUPPORT BOTH TELETYPEWRIT	UNOS1668
	A UNIX DIAGRAM NETWORK	UNOS1668
	UNIX DISK FORMATTER FOR DEC RPOS PACKS (RPGFMT)	UNPL1577
	REFERENCING STANDARD UNIX DOCUMENTATION	UNSD1037
TION	CW, A UNIX DRIVER FOR THE MINITAPE SYSTEM	UNOS1167
	PRE AND POST PROCESSORS FOR THE UNIX EDITOR TO PROVIDE CONTROLLED USER INTERAC	UNED1554
	RECOMMENDATIONS FOR A COMPANY-WIDE UNIX EDUCATION PROGRAM	UNSD1291
	AN INTERACTIVE SCREEN EDITOR FOR UNIX (EMACS)	UNED1542
	INTERACTIVE GRAPHICS SYSTEM FOR A UNIX ENVIRONMENT	UNPL1200
	OVERLAYS IN A UNIX ENVIRONMENT	UNSU1670
	UNITY - A SMALL DEMS FOR A UNIX ENVIRONMENT	UNSA1438
/780 OPERATIONAL PROCEDURES	UNIX EQUIPMENT TEST PACKAGE RELEASE 2.0 VAX 11	UNMA1711
	ON USING THE UNIX ERROR LOGGER	UNOS1176
	UNIX ERROR LOGGING	UNOS1163
	UNIX ERROR LOGGING	UNHA1163
S	BRIDGE: A UNIX EXPERIMENT FOR HOME COMPUTER SERVICES	UNSA1595
WRITTEN IN MACRO-11.	UNIX FACILITIES FOR THE DEVELOPMENT OF PROGRAM	UNPL1080
THE TRANSPARENT FILE SHARING SYSTEM: A MULTI-MACHINE	UNIX FILE SYSTEM USING VIRTUAL CIRCUITS	UNOS1687
	UNIX FILE SECURITY	UNOS1335
	UNIXLIST - AN IBM/370 UTILITY PROGRAM TO LIST A UNIX FILE STORED ON A 9-TRACK MAGNETIC TAPE.	UNSV1688
	A DESCRIPTION OF THE UNIX FILE SYSTEM	UNOS1065
	YET ANOTHER CRASH RESISTANT UNIX FILE SYSTEM	UNOS1608
	UNIX FILE SYSTEM CONVERSION	UNOS1319
	ON MAKING THE UNIX FILE SYSTEM CRASH RESISTANT	UNOS1655
	VM/CMS - UNIX FILE TRANSFER FACILITY	UNSU1339
	NETWORK ADMINISTRATOR TASKS FOR UNIX FILE TRANSFER NETWORKS	UNOS1509
	LIMBO - AN ARCHIVE FACILITY FOR UNIX FILES ON IBM MASS STORAGE	UNSU1540
	UNIX FOR BEGINNERS - SECOND EDITION	UNED1042
	A FILESYSTEMLESS UNIX FOR THE Z80 MICROPROCESSOR	UNMA1394
	A DESCRIPTION OF HOW UNIX FORTRAN WORKS	UNPL1083
ENT TERMINALS	EFFECTS ON UNIX HOST CPU RESOURCES BY THE USE OF INTELLIG	UNOS1329
	THE UNIX I/O SYSTEM	UNOS1005
	UNIX IMPLEMENTATION	UNOS1508
	A PROM WRITER FACILITY FOR UNIX IMPROVED VERSION	UNOS1281
	UNIX INITIALIZATION AND PROCESS CONTROL	UNOS1128
	PROPOSAL FOR UNIX INTERPROCESS COMMUNICATION	UNOS1090
	UNIX LINE DISCIPLINE FOR IBM 2740-1 PROTOCOL	UNOS1481
TER SERVICES	UNIX LINE TO MBS LINE PRINTER AND COMPUTER CEN	UNHA1181
	TITLE LISTINGS FOR UNIX MEMORANDA	UNSD1296
	UNIX MICROCOMPUTER CONTROL OF APPARATUS, MACHI	UNSU1219
	THE UNIX MYSTIQUE OR WHAT UPPER MANAGEMENT SHOULD	UNOS1622
	THE UNIX MYTHOS AND WHAT UPPER MANAGEMENT SHOULD	UNOS1632
	UNIX ON A MICRO-PROCESSOR	UNOS1154
	AND TO IBM TSO	UNED1657
	PORTING NROFF/TROFF TO UNIX ON DEC VAX 11/780, UNIVAC 1100, IBM 370.	UNED1657
	EMULATION OF UNIX ON PERIPHERAL PROCESSORS	UNOS1045
	UNIX/86: UNIX ON THE INTEL 8086	UNCS1463
	UNIX ON THE POP-11/23 AND 11/34 COMPUTERS	UNOS1588
	A DESCRIPTION OF AUTOMATIC DIALING USING THE UNIX OPERATING SYSTEM	UNOS1180
OR THE RAMTEX 9400 COLOR RASTER GRAPHICS SYSTEM UNDER THE UNIX OPERATING SYSTEM	A DEVICE DRIVER F	UNSA1598
F C ROUTINES FOR ASSOCIATIVE DATABASE OPERATIONS WITH THE UNIX OPERATING SYSTEM	A SET O	UNSA1815
	EXPLANATION OF ABNORMAL CONDITIONS WITHIN THE UNIX OPERATING SYSTEM.	UNOS1047
	MONITOR TERMINALS UNDER THE UNIX OPERATING SYSTEM	UNSU1332
IE (THE COMPUTER BUFFERED INFORMATION EXCHANGE) UNDER THE UNIX OPERATING SYSTEM	REIMPLEMENTATION OF CB	UNSA1557
PHIX GRAPHICS SYSTEM RUNNING ON A DEC PDP-11/70 UNDER THE UNIX OPERATING SYSTEM	/ING TESTS OF THE UNICRA	UNOS1233
	THE UNIX OPERATING SYSTEM - PG-1C300	UNOS1162
	THE UNIX OPERATING SYSTEM - PG-1C300	UNSD1162
OMPUTER	A UNIX OPERATING SYSTEM FOR THE DEC VAX-11/780 C	UNOS1297
	PRELIMINARY CONSIDERATIONS FOR EXPLORATORY UNIX OPERATING SYSTEM WORK	UNCS1391
	THE TELETYPE DATASPEED 40 LINE PRINTER AS A UNIX PERIPHERAL	UNHA1255
	UNIX PRODUCT RELEASE DESCRIPTION RELEASE 4.0	UNOS1662
LUMES 2A & 2B	UNIX PROGRAMMER'S MANUAL - PG-1C300 ISSUE 3	UNPM1088
LUNE 1	UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, V0	UNPM1401
	UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, V0	UNPM1400
	UNIX PROGRAMMER'S MANUAL - SIXTH EDITION	UNPM1014
	UNIX PROGRAMMER'S MANUAL, VERSION 1.0, VOLUME	UNPM1402
	UNIX PROGRAMMING - SECOND EDITION	UNPM1073
	UNIX PROGRAMMING - SECOND EDITION	UNOS1073
	THE UNIX PROGRAMMING ENVIRONMENT	UNOS1447
IONS AND ENHANCEMENTS	CNCC UNIX PROJECT PERFORMANCE MEASUREMENTS, PROJECT	UNOS1253
THE LOGICAL FILE SYSTEM - A FAST-ACCESS FILE SYSTEM USING UNIX RAW I/O	UNOS1473	
	USER SPACE I/O COMMANDS GIVE UNIX REAL-TIME CAPABILITIES	UNOS1714
	UNIX REFERENCE CARD - SECOND EDITION	UNPM1021
INC SOFTWARE	CHANGES TO TEXT PROCESSING SOFTWARE FOR UNIX RELEASE 3.0	UNED1528
MMANDS	UNIX RELEASE 4.0 - CHANGES TO THE TEXT PROCESS	UNED1660
	UNIX RELEASE 4.0 - HIGHLIGHTS OF CHANGES TO CO	UNOS1661
	A VIEW ON SOFTWARE CONTROL FOR UNIX RELEASES	UNOS1715
	AN ANALYSIS OF KERNEL MESSAGE BUFFER UTILIZATION IN UNIX/RT	UNOS1572
	CONTENTS OF UNIX/RT	UNCS1231
	ERROR LOGGING IN UNIX/TS AND UNIX/RT	UNHA1284
	GUIDELINES FOR CONVERTING MERT SOFTWARE TO UNIX/RT	UNOS1476

MENTS OF ENTS, MESSAGE TRANSFERS AND CONTEXT SWITCHES FOR UNIX/RT	SOME TIMING MEASURE	UNOS1500
IMPLEMENTATION OF THE LARGE ARGUMENT LIST FEATURE IN UNIX/RT'S EXEC. SYSTEM CALL		UNOS1351
DEVELOPMENT	UNIX/RT AS AN APPLICATION SYSTEM FOR BOS/LMOS	UNOS1349
	PROPOSED STRUCTURE FOR UNIX/TS AND UNIX/RT MAKEFILES	UNSU1285
	UNIX/RT ON A DEC VAX-11/780 PROJECT CONTRACT	UNOS1372
AN IMPROVED MAGNETIC TAPE DRIVER FOR THE UNIX/RT OPERATING SYSTEM		UNOS1536
EXCLUSIVE USE OF FILES IN THE UNIX/RT SYSTEM		UNOS1578
	UNIX/RT USER'S MANUAL - RELEASE 1.	UNPM1070
EIGM AT WHIPPANY	LECTURE ON UNIX SCHEDULER AND SWITCHER GIVEN BY T. M. RAL	UNOS1214
	WHCC GENERAL - USE UNIX SERVICE !!	UNCI1709
	AN INTRODUCTION TO THE UNIX SHELL	UNPL1239
	AUTOMATIC CONFIGURATION OF CS UNIX SOFTWARE	UNOS1570
NK	UNIX SOFTWARE DISTRIBUTION BY COMMUNICATION LI	UNSU1279
M CALLS	UNIX SPECIFICATION - FILE SYSTEM RELATED SYSTE	UNOS1493
LLS	UNIX SPECIFICATION - PROCESS RELATED SYSTEM CA	UNOS1485
HIVING FACILITY	UNIX STANDARDIZATION SUBCOMMITTEE PROPOSED ARC	UNSU1294
	THE USC UNIX STOCKROOM	UNSA1381
	UNIX SUMMARY	UNOS1043
SUE 2	UNIX SUPPORT CLASSIFICATIONS FOR PG-1C300 - IS	UNSO1046
TOOLS FOR PREPARATION OF TECHNICAL DOCUMENTS ON THE UNIX SYST		UNED1600
	A DISTRIBUTED UNIX SYSTEM	UNOS1561
	F1 - A FORM LETTER GENERATOR FOR THE UNIX SYSTEM	UNED1640
	RESPONSE TIME AND USER SATISFACTION ON A UNIX SYSTEM	UNOS1605
	SOME APPLICATIONS OF INVERTED INDEXES ON THE UNIX SYSTEM	UNED1213
	VIRTUAL CIRCUITS IN A MULTIPLE UNIX SYSTEM	UNOS1713
ROM USER TERMINALS.	UNIX SYSTEM CALL MEASUREMENTS	UNOS1113
	LKOUT - A NEW UNIX SYSTEM CALL TO SUSPEND AND RESUME INPUT F	UNOS1076
	DEAD - A PROGRAM FOR ANALYZING UNIX SYSTEM CRASHES	UNOS1093
AND NROFF	A CORE-RESIDENT UNIX SYSTEM FOR POP-11'S	UNOS1264
	TYING DOCUMENTS ON THE UNIX SYSTEM: USING THE - MS MACROS WITH TROFF	UNED1028
	A DIAL-UP NETWORK OF UNIX SYSTEMS	UNOS1437
	CHECKING FILE ACCESS PERMISSIONS IN UNIX SYSTEMS	UNOS1385
	HARDWARE REQUIREMENTS FOR STANDALONE UNIX SYSTEMS	UNHA1712
-PROCESS COMMUNICATIONS FACILITY FOR TRANSACTION ORIENTED UNIX SYSTEMS		INTER UNOS1303
	NUMERIC PATTERN RECOGNITION DATA BASE FOR UNIX SYSTEMS	UNED1065
	KERNEL PROFILING FOR UNIX SYSTEMS ON THE VAX-11	UNSU1545
	PRE-RELEASE UNIX/TS	UNOS1274
	SETTING UP UNIX/TS	UNOS1320
	UNIX/TS ALARM FACILITY	UNOS1359
	ERROR LOGGING IN UNIX/TS AND UNIX/RT	UNHA1284
	PROPOSED STRUCTURE FOR UNIX/TS AND UNIX/RT MAKEFILES	UNSU1288
OVERVIEW OF THE REDAS DATA BASE MANAGER IN UNIX/TS AUGMENTED		UNSA1547
	UNIX/TS AUGMENTED TASK FORCE REPORT	UNGS1382
	UNIX/TS DEVELOPMENT PLAN	UNOS1464
	UNIX/TS DOCUMENTATION ROAD MAP	UNCI1465
	CHANGES IN THE C ENVIRONMENT FOR UNIX/S EDITION 1.0	UNPL1323
	UNIX/TS FILE SYSTEM BACKUP	UNSU1273
	FSCK - THE UNIX/TS FILE SYSTEM CHECK PROGRAM	UNOS1463
	UNIX/TS RELEASE 1.0	UNOS1321
	UNIX/TS RELEASE 1.0 PLANS	UNOS1232
	UNIX/TS USER'S MANUAL - EDITION 1.1	UNPM1440
	ENLARGING POP-11 UNIX TABLE SPACE USING SUPERVISOR MODE	UNOS1257
	A TUTORIAL INTRODUCTION TO THE UNIX TEXT EDITOR	UNED1000
EDX - A CRT EDITOR EXTENSION TO THE UNIX TEXT EDITOR		UNED1708
	AN EXTENDED UNIX TEXT EDITOR - ED	UNED1564
	A PORTABLE VERSION OF THE UNIX TEXT EDITOR ED	UNED1456
	A PUBLIC LIBRARY FACILITY FOR THE UNIX TIME-SHARING SYSTEM	UNSD1363
	A WORKSHOP ON REBOOTING THE UNIX TIME-SHARING SYSTEM	UNOS1336
	EXPERIENCES WITH THE UNIX TIME-SHARING SYSTEM	UNCI1477
GRAFPAC/FR80 - A C VERSION OF DEFERRED GRAFPAC UNDER THE UNIX TIME-SHARING SYSTEM.		UNPL1018
	THE EVOLUTION OF THE UNIX TIME-SHARING SYSTEM	UNCI1470
	THE UNIX TIME-SHARING SYSTEM	UNOS1008
3)	THE UNIX TIME-SHARING SYSTEM - A RETROSPECTIVE (C.	UNOS1187
	A PROGRAM PACKAGE FOR UNIX TO NON-UNIX INTERACTION	UNSU1603
	CONVERSION OF SICPPR FILES FROM UNIX TO RAMIS !!	UNSA1399
	CROSS ASSEMBLER DESIGN ON UNIX (UNIQUE FUNCTIONS)	UNPL1720
	A GUIDE TO THE C LIBRARY FOR UNIX USERS	UNPL1446
1979	UNIX USERS GROUP MEETING - TORONTO, JUNE 19-23.	UNCI1396
	SYNTHESIS OF A HALF-DUPLEX LINE CONTROL PROCEDURE FOR UNIX USING STATE TRANSITION MATRIX TECHNIQUES	UNCS1173
	STANDARDIZING FILE TYPES IN THE MODES OF UNIX VERSION 7 DESCENDANTS	UNOS1296
	RELEASE 1.0 OF THE UNIX VIRTUAL PROTOCOL MACHINE	UNHA1513
	CUT AND PASTE - TWO UNIX WORD PROCESSING COMMANDS	UNED1205
	EXPANDING A UNIX/1100 FILE SYSTEM	UNOS1654
S MANUAL, VERSION 1.0, VOLUME 1	UNIX/32V TIME-SHARING SYSTEM: UNIX PROGRAMMER'	UNPM1402
	AN OPERATIONAL ANALYSIS STUDY OF UNIX/370	UNOS1519
	UNIX/370 - A PROPOSAL	UNOS1310
	UNIX/370: A FEASIBILITY STUDY	UNOS1352
	UNIX/370 CONVERSION GUIDE	UNOS1562
	TERMINAL HANDLING FOR UNIX/370 USING A FRONT END PROCESSOR	UNCS1466
	THE SYSTEM ACTIVITY PACKAGE - UNIX 4.0	UNOS1653
	UNIX/86: UNIX ON THE INTEL 8086	UNOS1483
AL SYSTEM	USER'S GUIDE FOR GENESIS, A UNIX-BASED GENERAL PURPOSE INFORMATION RETRIEV	UNSA1731
	A CAPACITY STUDY FOR THE SERVICE EVALUATION CENTER - A UNIX-BASED REAL-TIME SYSTEM	UNSA1382
	RXD-110: TWO PROGRAMS TO GENERATE UNIX-COMPATIBLE MAGNETIC TAPES	UNSU1215
	UNIX-INTELLOC MOD INTERFACE	UNSU1118
R	QUE: A UNIX-LIKE EXECUTIVE FOR THE Z80 MICROPROCESSOR	UNSA1594
	USE OF THE REVISED UNIX-TO-UNIX COPY COMMAND FOR LAB 323	UNOS1361
T 3624 - RETROSPECTIVE AND OUTLOOK	WORK RELATED TO UNIX-TO-UNIX FILE TRANSFER (UUCP) IN DEPARTMEN	UNOS1503
	A UNIX FILE STORED ON A 9-TRACK MAGNETIC TAPE.	UNSU1068
	POP11CH NOISE ON UNTERMINATED LINES	UNHA1550
	UPDATE FILES FOR THE C STANDARD LIBRARY	UNOS1364
	M2 DATA ENTRY AND UPDATE MANUAL	UNSA1524
	UPGRADING MERT RELEASE 0 WITH MODIFICATION 0.1	UNCS1287
TO MERT RELEASE	THE UNIX MYTHOS AND WHAT UPPER MANAGEMENT SHOULD ASK ABOUT UNIX	UNOS1632
	THE UNIX MYSTIQUE OR WHAT UPPER MANAGEMENT SHOULD KNOW ABOUT UNIX	UNCS1622
	ADDITIONS TO THE USENO SOFTWARE	UNSU1732
	ACM LEAP USER'S GUIDE	UNSA1311
	"C" IMPORT/EXPORT USER'S GUIDE	UNPL1566

COMPUTER BUFFERED INFORMATION EXCHANGE	USER'S GUIDE	UNSA1406
DIRECT II IN-CORE TABLES: USER'S GUIDE		UNSA1412
MISEL USER'S GUIDE		UNPL1730
SOURCE CODE CONTROL SYSTEM	USER'S GUIDE	UNGS1367
SYSTID ON P4P-UNIX - USER'S GUIDE		UNSA1387
PURPOSE INFORMATION RETRIEVAL SYSTEM	USER'S GUIDE FOR GENESIS, A UNIX-BASED GENERAL	UNSA1731
TYPESETTING MATHEMATICS - USER'S GUIDE (SECOND EDITION)		UNED1011
OC Z80 MICROPROCESSOR	USER'S GUIDE TO THE SMAL2 LANGUAGE FOR THE ZIL	UNSU1262
TEL 8041 MICROPROCESSOR	USER'S GUIDE TO THE SMAL41 LANGUAGE FOR THE IN	UNSU1504
NROFF/TROFF	USER'S MANUAL	UNED1119
PACKET MANIPULATION LANGUAGE	USER'S MANUAL	UNSA1552
REISSUE NO. 1 OF MAC-6 ASSEMBLER	USER'S MANUAL	UNPL1150
UNIX/RT	USER'S MANUAL - RELEASE 1	UNPM1070
PWB/UNIX	USER'S MANUAL - RELEASE 2.0	PWB/1407
SED ON UNIX	PARASITE	UNOS1573
Z80 SOFTWARE DEVELOPMENT TOOLS	USER'S MANUAL EDITION 3.1	UNSU1612
DESIGNER'S WORKBENCH - THE	USER ENVIRONMENT	UNED1686
POST PROCESSORS FOR THE UNIX EDITOR TO PROVIDE CONTROLLED	USER GUIDE FOR THE OSDD ADAPTER MACRO PACKAGE	UNED1628
A DESIGN AIDE FOR RELATIONAL DATABASE SCHEMAS - USER MANUAL	PRE AND	UNED1554
INTEL 8048 SIMULATOR (SIM48) USER MANUAL		UNSA1725
8080 SIMULATOR (IBOSIM) USER MANUAL		UNPM1224
8080/Z80 SIMULATOR SM80 USER MANUAL		UNSU1275
TATION SYSTEM	A USER MANUAL FOR THE MENU CREATION AND INTERPRE	UNSA1596
PASILITIES	RESPONSE TIME AND USER SATISFACTION ON A UNIX SYSTEM	UNOS1605
- A NEW UNIX SYSTEM CALL TO SUSPEND AND RESUME INPUT FROM USER TERMINALS.	USER SPACE I/O COMMANDS GIVE UNIX REAL-TIME CA	UNOS1714
A GUIDE TO THE C LIBRARY FOR UNIX USERS	LKOUT	UNOS1076
IDE TO UNIVAC REMOTE JOB ENTRY FOR PROGRAMMER'S WORKBENCH USERS		UNPL1446
IVE, MENU- AND SHELL-LIKE INTERFACE FOR NOVICE AND EXPERT	USERS /IBLE, SELF DOCUMENTING, HIGHLY INTERACT	GU UNOS1217
GUIDE TO IBM REMOTE JOB ENTRY FOR PWB/UNIX USERS (8.12)		UNPL1679
UNIX USERS GROUP MEETING - TORONTO, JUNE 19-23, 1979		UNCG1396
BITE USERS GUIDE		UNPL1512
IME SATELLITE SYSTEM BASED ON UNIX	USERS' GUIDE FOR THE PARASITE SYSTEM: A REAL-T	UNOS1569
G SYSTEM	USERS' GUIDE TO CODE: THE PARASITE-BASED CODIN	UNSA1567
UNIX/TS	USER'S MANUAL - EDITION 1.1	UNPM1440
MICROCODING THE VAX 11/780 USER-WRITABLE CONTROL STORE		UNPL1678
EXAMPLES OF CONVERTING USC SHELL COMMAND FILES FOR THE NEW SHELL		UNSU1210
ENHANCEMENTS TO THE USC TROUBLE REPORTING SYSTEM		UNSU1338
THE USC UNIX STOCKROOM		UNSA1381
DIRECT II SORT UTILITIES		UNSA1454
THE AIDTS TEST UTILITY ON VAX-11/780 UNIX		UNSU1610
A 9-TRACK MAGNETIC TAPE.	UNIXLIST - AN IBM/370 UTILITY PROGRAM TO LIST A UNIX FILE STORED ON	UNSU1088
AN ANALYSIS OF KERNEL MESSAGE BUFFER UTILIZATION IN UNIX/RT		UNOS1572
DIRECTORY ASSISTANCE FOR UUCP		UNSU1638
UUCP - IMPLEMENTATION DESCRIPTION		UNSU1293
UUCP ADMINISTRATORS' FILE AND THE UUNAME COMMA		UNOS1480
NO	A SEND-ONLY UUCP FACILITY	UNOS1482
UTLOCK	WORK RELATED TO UNIX-TO-UNIX FILE TRANSFER (UUCP) IN DEPARTMENT 3624 - RETROSPECTIVE AND O	UNOS1503
UUSTAT - A UUCP STATUS INQUIRY PROGRAM		UNOS1491
UUCP ADMINISTRATORS' FILE AND THE UUNAME COMMAND		UNOS1490
UUSTAT - A UUCP STATUS INQUIRY PROGRAM		UNOS1491
VARIABLE LENGTH ARGUMENT LISTS IN C		UNPL1288
A RECORD MANAGER FOR RANDOM ACCESS TO VARIABLE LENGTH RECORDS UNDER UNIX.		UNSU1171
DIRECT II VAX PERFORMANCE IMPROVEMENT ESTIMATES		UNOS1422
UNIX ASSEMBLER REFERENCE MANUAL FOR THE VAX 11/780		UNPL1625
UNIX EQUIPMENT TEST PACKAGE RELEASE 2.0 VAX 11/780 OPERATIONAL PROCEDURES		UNMA1711
PORTING NROFF/TROFF TO UNIX ON DEC VAX 11/780, UNIVAC 1100, IBM 370, AND TO IBM T		UNED1687
SO	MICROCODING THE VAX 11/780 USER-WRITABLE CONTROL STORE	UNPL1678
KERNEL PROFILING FOR UNIX SYSTEMS ON THE VAX-11		UNSU1545
A UNIX OPERATING SYSTEM FOR THE DEC VAX-11/780 COMPUTER		UNOS1297
UNIX/RT ON A DEC VAX-11/780 PROJECT CONTRACT		UNOS1372
THE AIDTS TEST UTILITY ON VAX-11/780 UNIX		UNSU1610
A C PROFILER FOR TEST CASE VERIFICATION		UNPL1599
GENERATOR	IMPLEMENTING AND TESTING NEW VERSIONS OF A GOOD 48-BIT PSEUDO-RANDOM NUMBER	UNSA1453
--INTRODUCTION TO SOFTWARE		UNPL1199
AVIDTA - A VIDEOTAPE COURSE		UNED1192
PWB/UNIX VIEW GRAPH AND SLIDE MACROS (T.9)		UNED1280
MVIEW - A SET OF MACROCOMMANDS FOR THE GENERATION OF VIEW GRAPHS		UNED1139
EASY PHOTOTYPESET		UNED1139
VIEW GRAPHS ON UNIX		UNED1139
TION	A VIEW ON SOFTWARE CONTROL FOR UNIX RELEASES	UNOS1715
FILE SHARING SYSTEM: A MULTI-MACHINE UNIX FILE SYSTEM USING	VIRTUAL CIRCUITS	UNHA1380
E	THE TRANSPARENT F	UNOS1687
A VIRTUAL CIRCUITS IN A MULTIPLE UNIX SYSTEM		UNOS1713
A VIRTUAL FIELD GENERATOR FOR A FIELDED DATA BAS		UNSA1593
VIRTUAL FILE SYSTEMS ON MERT		UNOS1343
THE DIRECT II VIRTUAL PHOTOTYPESETTER		UNED1515
RELEASE 1.0 OF THE UNIX VIRTUAL PROTOCOL MACHINE		UNMA1513
A VIRTUAL TERMINAL PROTOCOL FOR UNIX		UNOS1451
TRANSFER FILES BETWEEN UNIX AND DECSYSTEM-10 OR UNIX AND VM/CMS	TRANS: A FACILITY TO	UNSU1676
VM/CMS - UNIX FILE TRANSFER FACILITY		UNSU1339
VOTED - A VOICE COMMAND TEXT EDITOR		UNED1708
THE CRAFT ACCESS VOICE EDITING SYSTEM (CAVES)		UNSA1416
UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUME 1		UNPM1400
ME-SHARING SYSTEM: UNIX PROGRAMMER'S MANUAL, VERSION 1.0, VOLUME 1	UNIX/32V T1	UNPM1402
UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUMES 2A & 2B		UNPM1401
VOTED - A VOICE COMMAND TEXT EDITOR		UNED1708
VSQRT RATIONALE		UNSU1585
WEBSTER'S SECOND ON THE HEAD OF A PIN		UNED1082
ON UNIX SCHEDULER AND SWITCHER GIVEN BY T. M. RALEIGH AT WHIPPIANY	LECTURE	UNOS1214
CUT AND PASTE - TWO UNIX WORD PROCESSING COMMANDS		UNED1205
FINAL REPORT: SECRETARIAL WORD PROCESSING FACILITY ENHANCEMENT		UNED1386
PARSER() - A C LANGUAGE ROUTINE TO PARSE A STRING INTO WORDS		UNPL1271
NARY CONSIDERATIONS FOR EXPLORATORY UNIX OPERATING SYSTEM WORK		PRELIMI UNOS1391
CP) IN DEPARTMENT 3624 - RETROSPECTIVE AND OUTLOOK		UNOS1603
DIRECTORY ASSISTANCE OPERATOR WORK TIME EXPLORATORY DATA ANALYSIS		UNSA1414
PROGRAM TESTING - WORK TO BE DONE		UNOS1439
A DESCRIPTION OF HOW UNIX FORTRAN WORKS		UNPL1063

ARCHITECTURE FOR PROVIDING A GRAPHICS SYSTEM DEVELOPMENT WORKBENCH	A SOFTWARE	UNSA1342
A TUTORIAL INTRODUCTION TO THE WRITER'S WORKBENCH		UNED1847
DESIGNER'S WORKBENCH - PHILOSOPHY		UNSA1616
DESIGNER'S WORKBENCH - PROVIDING A PRODUCTION ENVIRONMENT		UNSA1617
PROGRAMMER'S WORKBENCH - SYNOPSIS OF FACILITIES (C.)		UNED1109
DESIGNER'S WORKBENCH - THE PROGRAMMER ENVIRONMENT		UNSA1618
DESIGNER'S WORKBENCH - THE USER ENVIRONMENT		UNSA1643
WRITER'S WORKBENCH: COMPUTER PROGRAMS FOR TEXT EDITING		UNED1541
PROGRAMMER'S WORKBENCH DOCUMENTATION ROADMAP (B.1)		UNED1121
PWB/MM - PROGRAMMER'S WORKBENCH MEMORANDUM MACROS (T.2)		UNED1098
CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL	UNPL1107
CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL	UNSD1107
CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL	UNGS1107
CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL	UNHA1107
CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL	UNPM1107
CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL	UNSU1107
CONFERENCE ON SOFTWARE ENGINEERING. (G.4)	GUIDE TO UNIVAC REMOTE JOB ENTRY FOR PROGRAMMER'S WORKBENCH USERS	UNGS1217
DEPARTMENT 3621 MAXIUNIX WORKPLAN		UNOS1395
DEPARTMENT 3624'S WORKPLAN FOR NETWORKING IN 1979/80		UNOS1435
STEM	A WORKSHOP ON REBOOTING THE UNIX TIME-SHARING SY	UNOS1336
A TUTORIAL INTRODUCTION TO THE WRITER'S WORKBENCH		UNED1847
EDITING AND ASSESSMENT (RELEASE 1.0)	WRITER'S WORKBENCH: COMPUTER PROGRAMS FOR TEXT	UNED1541
	4 PROM WRITER FACILITY FOR UNIX IMPROVED VERSION	UNOS1281
	WRITING A MERT SUPERVISOR	UNOS1258
	WRITING TOOLS - THE STYLE AND DICTION PROGRAMS	UNED1497
UNIX FACILITIES FOR THE DEVELOPMENT OF PROGRAMS	WRITTEN IN MACRO-11.	UNPL1050
FORMAL SPECIFICATION OF X.25 COMPATIBLE LINK PROTOCOL		UNHA1389
	XDB: AN EXTENDED DEBUGGER	UNOS1718
	XE - A SCREEN EDITOR FOR UNIX	UNED1553
	YACC - YET ANOTHER COMPILER COMPILER	UNPL1013
	YADS - YET ANOTHER DATABASE SYSTEM	UNSA1461
	YACC - YET ANOTHER COMPILER COMPILER	UNPL1013
	YET ANOTHER CRASH RESISTANT UNIX FILE SYSTEM	UNOS1608
	YADS - YET ANOTHER DATABASE SYSTEM	UNSA1461
	YET ANOTHER UNIX DATA BASE MANAGEMENT SYSTEM S	UNCI1729
URVEY	USER'S GUIDE TO THE SMAL2 LANGUAGE FOR THE ZILLOG Z80 MICROPROCESSOR	UNSU1282
	A LEXICOGRAPHIC MULTIKEY SORT PROGRAM ZSORT	UNSU1209
MICROPROCESSORS SUPPORTING THE C LANGUAGE: LSI-11, MAC-6, Z80	EVALUATION OF	UNHA1347
	A FILESYSTEMLESS UNIX FOR THE Z80 MICROPROCESSOR	UNHA1394
QUE: A UNIX-LIKE EXECUTIVE FOR THE Z80 MICROPROCESSOR		UNSA1584
USER'S GUIDE TO THE SMAL2 LANGUAGE FOR THE ZILLOG Z80 MICROPROCESSOR		UNSU1262
DITION 3.1	Z80 SOFTWARE DEVELOPMENT TOOLS USER'S MANUAL	UNSU1612
	MERT RELEASE 0 FROM DEPARTMENT 6234	UNOS1163
	APPLICATION PLANNING GUIDE, RELEASE 0 OF BASIC-16	UNSA1315
SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 0: PRELUDE		UNPL1353
	UPGRADING MERT RELEASE 0 WITH MODIFICATION 0.1 TO MERT RELEASE	UNOS1287
SPS PROTOCOL IMPLEMENTED FOR D211 UNDER MERT RELEASE 0.1		UNOS1469
	UPGRADING MERT RELEASE 0 WITH MODIFICATION 0.1 TO MERT RELEASE	UNOS1287
	A STYLE SHEET FOR C PROGRAMMING, ISSUE 1	UNPL1143
CHANGES TO C AND THE PORTABLE C COMPILER - ISSUE 1		UKPL1467
UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUME 1		UNPM1400
UNIX/RT USER'S MANUAL - RELEASE 1		UNPM1070
ING SYSTEM: UNIX PROGRAMMER'S MANUAL, VERSION 1.0, VOLUME 1	REISSUE NO. 1 OF MAC-6 ASSEMBLER USER'S MANUAL	UNIX/32V TIME-SHAR UNPM1402
	WRITER'S WORKBENCH: C	UNPL1150
SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 1: STATEMENTS		UNPL1376
CHANGES IN THE C ENVIRONMENT FOR UNIX/TS EDITION 1.0		UNPL1323
UNIX/TS RELEASE 1.0		UNOS1321
COMPUTER PROGRAMS FOR TEXT EDITING AND ASSESSMENT (RELEASE 1.0)	RELEASE 1.0 OF THE UNIX VIRTUAL PROTOCOL MACHINE	UNHA1513
	RELEASE 1.0 OF THE UNIX/TS RELEASE 1.0 PLANS	UNOS1232
2V TIME-SHARING SYSTEM: UNIX PROGRAMMER'S MANUAL, VERSION 1.0, VOLUME 1	UNIX/3	UNPM1402
UNIX/TS USER'S MANUAL - EDITION 1.1		UNPM1440
UNIX ON THE PDP-11/23 AND 11/34 COMPUTERS		UNOS1588
EXPANDED TEXT SAPEC FOR THE PDP 11/70.		UNOS1663
BATTERY BACKUP FOR PDP 11/70 MOS MEMORY		UNHA1416
UNIX ASSEMBLER REFERENCE MANUAL FOR THE VAX 11/780		UNPL1625
UNIX EQUIPMENT TEST PACKAGE RELEASE 2.0 VAX 11/780 OPERATIONA PROCEDURES		UNHA1711
PORTING NROFF/TROFF TO UNIX ON DEC VAX 11/780, UNIVAC 1100, IBM 370, AND TO IBM TSO		UNED1657
MICROCODING THE VAX 11/780 USER-WRITABLE CONTROL STORE		UNPL1678
PORTING NROFF/TROFF TO UNIX ON DEC VAX 11/780, UNIVAC 1100, IBM 370, AND TO IBM TSO		UNED1657
UNIX USERS GROUP MEETING - TORONTO, JUNE 19-23, 1979		UNCI1398
UNIX USERS GROUP MEETING - TORONTO, JUNE 19-23, 1979		UNCI1398
DEPARTMENT 3624'S WORKPLAN FOR NETWORKING IN 1979/80		UNOS1435
STANDARD UNIX CONFIGURATIONS - ISSUE 2		UNHA1365
TYPESETTING ACS AND APS MEETING ABSTRACTS - ISSUE 2		UNED1075
UNIX SUPPORT CLASSIFICATIONS FOR PG-1C300 - ISSUE 2		UNSD1048
MRCS AND THE VRCS 2 DATA BASE SYSTEM		UNSU1308
SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 2: DECLARATIONS		UNPL1427
PWB/UNIX USER'S MANUAL - RELEASE 2.0		PWB1407
PWB/UNIX EDITION 2.0 PREPARATION		UNOS1403
UNIX EQUIPMENT TEST PACKAGE RELEASE 2.0 VAX 11/780 OPERATIONA PROCEDURES		UNHA1711
UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUMES 2A & 2B		UNPM1401
UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUMES 2A & 2B		UNPM1401
OCESSES WITH MULTIPLE DATA STREAMS	2DSM - AN EXPERIMENTAL SHELL FOR CONNECTING PR	UNOS1585
UNIX LINE DISCIPLINE FOR IBM 2740-1 PROTOCOL		UNOS1481
UNIX PROGRAMMER'S MANUAL - PG-1C300 ISSUE 3		UNPM1088
VERSION 3 OF THE GR-Z GRAPHICAL SYSTEM		UNSA1484
CHANGES TO TEXT PROCESSING SOFTWARE FOR UNIX RELEASE 3.0		UNED1528
DESIGN INTERNALS OF S-UNIX 3.0		UNOS1652
DESCRIPTION OF CHANGES IN LEAP RELEASE 3.07		UNOS1636
Z80 SOFTWARE DEVELOPMENT TOOLS USER'S MANUAL EDITION 3.1		UNSU1612
A 32-BIT PROCESSOR DESIGN		UNOS1375
USE OF THE REVISED UNIX-TO-UNIX COPY COMMAND FOR LAB 323		UNOS1361
DEPARTMENT 3621 MAXIUNIX WORKPLAN		UNOS1395
ELATED TO UNIX-TO-UNIX FILE TRANSFER (UUCP) IN DEPARTMENT 3624 - RETROSPECTIVE AND OUTLOOK	WORK R	UNOS1503
DEPARTMENT 3624'S WORKPLAN FOR NETWORKING IN 1979/80		UNOS1435
PORTING THE ADAPT DATA TRANSLATION SYSTEM TO THE IBM 370		UNSA1373

G NROFF/TROFF TO UNIX ON DEC VAX 11/780, UNIVAC 1100, IBM 370, AND TO IBM TSO	PORTIN	UNED1657
THE SYSTEM ACTIVITY PACKAGE - UNIX 4.0		UNOS1653
UNIX PRODUCT RELEASE DESCRIPTION RELEASE 4.0		UNOS1662
UNIX RELEASE 4.0 - CHANGES TO THE TEXT PROCESSING SOFTWARE	UNED1660	
UNIX RELEASE 4.0 - HIGHLIGHTS OF CHANGES TO COMMANDS	UNOS1661	
THE TELETYPE DATASPEED 40 LINE PRINTER AS A UNIX PERIPHERAL	UNMA1255	
DM-11 DRIVER TO SUPPORT BOTH TELETYPEWRITER AND DATASPEED 40 TIMESHARING TERMINALS.	UNIX	UNOS1077
A SIMULATOR FOR THE DATASPEED 40/4 TERMINAL ON THE MP164X	UNSU1611	
IMPLEMENTING AND TESTING NEW VERSIONS OF A GOOD 48-BIT PSEUDO-RANDOM NUMBER GENERATOR	UNSA1463	
PROCUREMENT, INSTALLATION, AND USAGE OF UNIX BY DEPARTMENT 9254.	NOTES ON THE SELECTION, P	UNOS1201
DIVISION 56 UNIX COURSE		UNOS1429
STANDARDIZING FILE TYPES IN THE INODES OF UNIX VERSION 7 DESCENDANTS		UNOS1256
7TH EDITION UNIX - SUMMARY		UNOS1505
A PORTABLE FORTRAN 77 COMPILER		UNPL1248
IMPLEMENTATION OF A PORTABLE FORTRAN 77 COMPILER USING MODERN		UNPL1354
POWER SUPPLY CONTROLLER USING A MAC 8 MICRO PROCESSOR		UNHA1299
UNIX ASSEMBLER FOR THE INTEL 8048 MICROPROCESSORS		UNOS1462
USER'S GUIDE TO THE SMAL41 LANGUAGE FOR THE INTEL 8041 MICROPROCESSOR		UNSU1504
INTEL 8048 SIMULATOR (SIM48) USER MANUAL		UNSA1445
AN INTEL COMPATIBLE 8048-49 CROSS ASSEMBLER		UNSA1383
ASS1 - AN INTEL 8051 CROSS ASSEMBLER		UNSU1675
UNIX ASSEMBLER FOR THE INTEL 8080 MICROPROCESSOR		UNPL1149
UNIX ASSEMBLER FOR THE INTEL 8080 MICROPROCESSOR		UNSU1149
8080 SIMULATOR (I80SIM) USER MANUAL		UNPM1224
8080/Z80 ASSEMBLER REFERENCE MANUAL		UNPL1250
8080/Z80 SIMULATOR SM80 USER MANUAL		UNSU1275
AN ICE-86 BASED 8086 SOFTWARE DEVELOPMENT SYSTEM		UNHA1417
AS86/ASZ80 - 8086/Z80 CROSS ASSEMBLER		UNPL1724
UNIX/86: UNIX ON THE INTEL 8086		UNOS1483
MERT RELEASE 0 FROM DEPARTMENT 8234		UNOS1163
N IBM/370 UTILITY PROGRAM TO LIST A UNIX FILE STORED ON A 9-TRACK MAGNETIC TAPE.	UNIXLIST - A	UNSU1068
AN OVERVIEW OF THE AREA 90 PWB/UNIX ACCOUNTING SYSTEM		UNSA1637
A "C" BASED SOFTWARE INTERFACE PACKAGE FOR THE RAMTEK 9400 CO RASTER GRAPHICS SYSTEM		UNSA1597
IX OPERATING SYSTEM		UNSA1598
A DEVICE DRIVER FOR THE RAMTEK 9400 COLOR RASTER GRAPHICS SYSTEM UNDER THE UN		

3624, DEPARTMENT
 3782, DEPARTMENT
 46174, DEPARTMENT
 AGESIN, JOHN
 ABATE, R. J.
 ACKLAND, S.
 AHO, A. V.
 ALBRECHT, E. H.
 ALLEN, G. R.
 ALLES, H. C.
 AL. E. L. HEDRICK, ET
 AL. L. W. CANNON, ET
 ANGELO, J.
 ANTONELLI, C. J.
 ARNOLD, J.
 ARNOLD, J. Q.
 ARNOLD, S. L.
 ARTHURS, E.
 BABU, R. R.
 BACH, M. J.
 BAGLEY, R. T.
 BAKER, B. S.
 BAROFSKY, A.
 BAYER, D. L.
 BECKER, R. A.
 BERNSTEIN, D. R.
 BEYER, J. D.
 BEYER, J-D
 BIANCHI, M. M.
 BLEWETT, C. D.
 BLUMER, T. P.
 BOCK, H. B.
 BOIE, R. A.
 BOHANNON, L. E.
 BORISON, E.
 BOURNE, S. R.
 BRADFORD, S. C.
 BRADLEY, M. H.
 BRANDT, R. B.
 BRAUN, D. A.
 BREILAND, J. R.
 BROAD, M. M.
 BROOKS, C. A.
 BROVMAN, I.
 BURIC, M. R.
 BURNETTE, W. A.
 BUROFF, S. J.
 CANADAY, R. H.
 CANNATA, P. E.
 CANNON, L. W.
 CARFAGNO, J. A.
 CARLSON, FRED W.
 CARR, R. G.
 CATO, M. E.
 CENTER, MO COMPUTER
 CHANG, C. W.
 CHANG, S-J.
 CHELLIS, A. L.
 CHEN, D.
 CHEN, P. C.
 CHEN, R. L.
 CHERRY, L.
 CHERRY, L.
 UNPM1440 UNIX/T5 USER'S MANUAL - EDITION 1.1
 PWB/1407 PWB/UNIX USER'S MANUAL - RELEASE 2.0
 UNOS1682 UNIX PRODUCT RELEASE DESCRIPTION RELEASE 4.0
 UNPL1589 GENERAL-PURPOSE, REAL-TIME TEST SOFTWARE PACKAGE
 UNCS1716 PROGRAMMING THE MOTOROLA MC68000
 UNSA1667 EMU - A SIMPLE MOS TIMING SIMULATOR
 UNPL1206 AWK - A PATTERN SCANNING AND PROCESSING LANGUAGE (SECOND EDIT)
 UNCS1120 DOS-BATCH TO UNIX CONVERSION
 UNPM1178 QUEST ADMINISTRATION HANDBOOK
 UNSU1172 QUEST - A COMPUTER SYSTEM TO COLLECT QUESTIONNAIRE DATA
 UNMA1711 UNIX EQUIPMENT TEST PACKAGE RELEASE 2.0 VAX 11/780 OPERATIONS PROCEDURES
 UNMA1254 AN ARRAY AND SWITCHING PROCESSOR
 UNOS1380 RCWAS/MERT PERFORMANCE STUDY AND GENERAL DESIGN GUIDELINES
 UNPL1386 INDIAN HILL C STYLE AND CODING STANDARDS
 UNPL1221 MAC-8 ASSEMBLY LANGUAGE PROGRAMMING MANUAL
 UNCS1688 SDS/NET - AN INTERACTIVE DISTRIBUTED OPERATING SYSTEM
 UNSA1316 APPLICATION PLANNING GUIDE, RELEASE 0 OF BASIC-16
 UNSU1642 A C ROUTINE FOR FILE NAME GENERATION
 UNSA1333 A TRAFFIC GENERATING SYSTEM
 UNSU1732 ADDITIONS TO THE USEND SOFTWARE
 UNOS1253 CNC UNIX PROJECT PERFORMANCE MEASUREMENTS, PROJECTIONS AND ENHANCEMENTS
 UNCS1460 PERFORMANCE ASSESSMENT OF CUSTOMER SERVICE AND ADMINISTRATIVE CONTROL CENTER
 UNOS1581 PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR LOOP MAINTENANCE
 UNOS1582 PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR SATELLITE NETWORK
 UNCS1682 AN ANALYTIC MODEL FOR DISTRIBUTED COMPUTER PERFORMANCE EVALUATION
 UNSA1414 DIRECTORY ASSISTANCE OPERATOR WORK TIME EXPLORATORY DATA ANALYSIS
 UNSA1415 PRELIMINARY REAL TIME LISTING RETRIEVAL (RTLR) FIELD STUDY PERFORMANCE ANALY
 UNOS1309 KW11-P CLOCK DRIVER
 UNOS1652 DESIGN INTERNALS OF S-UNIX 3.0
 UNSA1373 PORTING THE ADAPT DATA TRANSLATION SYSTEM TO THE IBM 370
 UNSA1725 A DESIGN AIDE FOR RELATIONAL DATABASE SCHEMAS - USER MANUAL
 UNPL1084 STRUCT - A PROGRAM WHICH STRUCTURES FORTRAN
 UNPL1103 AN ALGORITHM FOR STRUCTURING FLOWGRAPHS
 UNED1659 CHANGE MANAGEMENT EDITOR (CMED)
 UNOS1052 UNOS1052 A STRUCTURED OPERATING SYSTEM FOR A PDP-11/45
 UNOS1052 MERT - A MULTI-ENVIRONMENT REAL-TIME OPERATING SYSTEM.
 UNOS1246 THE MERT OPERATING SYSTEM
 UNSA1464 VERSION 3 OF THE CR-Z GRAPHICAL SYSTEM
 UNOS1114 SYNTHETIC PROCESS FOR UNIX
 UNSA1511 ADMS, AN ASSOCIATIVE DATABASE MANAGEMENT SYSTEM FOR UNIX
 UNSU1171 A RECORD MANAGER FOR RANDOM ACCESS TO VARIABLE LENGTH RECORDS UNDER UNIX.
 UNSU1245 QUIK: A NOVEL APPROACH TO COMPUTERIZED DIRECTORY ASSISTANCE SERVICES
 UNSA1615 A SET OF C ROUTINES FOR ASSOCIATIVE DATABASE OPERATIONS WITH THE UNIX OPERAT
 UNPL1624 A CHARACTER STRING SWITCH STATEMENT FOR THE C LANGUAGE
 UNPL1656 ARGOPEN: A FUNCTION FOR HANDLING FILE ARGUMENTS
 UNPL1678 PARSER: AN EXTENSIBLE, SELF DOCUMENTING, HIGHLY INTERACTIVE, MENU- AND SHELL
 UNOS1463 UNIX/S8: UNIX ON THE INTEL 8086
 UNED1528 CHANGES TO TEXT PROCESSING SOFTWARE FOR UNIX RELEASE 3.0
 UNED1680 UNIX RELEASE 4.0 - CHANGES TO THE TEXT PROCESSING SOFTWARE
 UNED1169 AN INTERACTIVE COMPUTER CONTROLLED DATA ACQUISITION SYSTEM WITH A CAMAC REAL
 UNOS1387 SOURCE CODE CONTROL SYSTEM USER'S GUIDE
 UNOS1474 TOOLS FOR THE EXTRACTION AND REDUCTION OF PWB/UNIX SOFTWARE MONITOR DATA
 UNSA1378 IMPLEMENTATION OF A BOOLEAN DATA ANALYSIS TECHNIQUE FOR PWB/U
 UNSU1587 CIRCULARLY CONNECTED PROCESS PIPELINES
 UNGI1337 REPORT GENERATION ON UNIX
 UNPL1185 A TUTORIAL INTRODUCTION TO ADB
 UNPL1239 AN INTRODUCTION TO THE UNIX SHELL
 UNSU1631 THE UNIX CIRCUIT DESIGN SYSTEM
 UNOS1466 AN AUGMENTED VERSION OF MAKE
 UNMA1347 EVALUATION OF MICROPROCESSORS SUPPORTING THE C LANGUAGE: LSI-11, MAC-8, Z80
 UNMA1163 UNIX ERROR LOGGING
 UNMA1284 ERROR-LOGGING IN UNIX/T5 AND UNIX/RT
 UNOS1090 PROPOSAL FOR UNIX INTERPROCESS COMMUNICATION
 UNCS1136 IMPLEMENTATION OF SEMAPHORES AND MESSAGES IN UNIX
 UNCS1145 DEC FACTORY ACCEPTANCE TEST
 UNOS1163 UNIX ERROR LOGGING
 UNOS1277 UNIX COURSES
 UNOS1579 EXCLUSIVE USE OF FILES IN THE UNIX/RT SYSTEM
 UNSA1643 DESIGNER'S WORKBENCH - THE USER ENVIRONMENT
 UNCI1630 UNIX AND C BIBLIOGRAPHY
 UNED1627 PROSPECTUS ON QASYS, AN OFFICE AUTOMATION SYSTEM
 UNMA1423 PWB HARDWARE HELP
 UNCS1608 YET ANOTHER CRASH RESISTANT UNIX FILE SYSTEM
 UNSA1547 OVERVIEW OF THE REDAS DATA BASE MANAGER IN UNIX/T5 AUGMENTED
 UNSA1576 DATABASE IMPLEMENTATION CONSIDERATIONS
 UNPL1531 A MACROASSEMBLER FOR AN ARRAY PROCESSOR
 UNCS1122 A REAL-TIME TIME-SHARED OPERATING SYSTEM FOR AN SEL/88 - PDP-11 CONFIGURATIO
 UNCS1155 PROGRAMMER'S MANUAL FOR THE SEL-88 PDP-11/45 OPERATING SYSTEM.
 UNCS1256 WRITING A MERT SUPERVISOR
 UNOS1432 A DATABASE TRANSACTION BACKOUT AND CRASH RECOVERY SYSTEM
 UNOS1486 TERMINAL HANDLING FOR UNIX/370 USING A FRONT END PROCESSOR
 UNSA1726 DIRECT II - AN APPROACH TO THE DESIGN OF APPLICATION SOFTWARE
 UNCS1462 UNIX SPECIFICATION - PROCESS RELATED SYSTEM CALLS
 UNED1301 ENHANCEMENTS TO THE USC TROUBLE REPORTING SYSTEM
 UNCS1665 TRANSACTION FILE MANAGER (TFM) PERFORMANCE IMPROVEMENTS
 UNPL1677 THE FACE EXECUTION ENVIRONMENT SHELL
 UNOS1661 UNIX RELEASE 4.0 - HIGHLIGHTS OF CHANGES TO COMMANDS
 UNPL1208 CHARACTER STRING MANIPULATION IN THE C LANGUAGE
 UNOS1462 THE DIRECT II SCHEDULER
 UNED1301 A GUIDE TO THE OF PSEUDO-ATS ON UNIX
 UNSA1425 DIRECT II SERVICE DISPATCHER
 UNSA1362 A CAPACITY STUDY FOR THE SERVICE EVALUATION CENTER - A UNIX-BASED REAL-TIME
 UNSA1285 PROPOSED STRUCTURE FOR UNIX/T5 AND UNIX/RT MAKEFILES
 UNOS1733 OFFICE AUTOMATION SYSTEM (OAS) PERFORMANCE STUDY
 UNED1640 F1 - A FORM LETTER GENERATOR FOR THE UNIX SYSTEM
 UNSA1621 ADMINISTRATIVE INFORMATION FOR PWB/GRAFICS
 UNPL1543 BEAUTIFYING C CODE
 UNPL1053 SC - AN ARBITRARY PRECISION DESK CALCULATOR LANGUAGE

CHERRY, L. UNPL1056 DC - AN INTERACTIVE DESK CALCULATOR
 CHERRY, L. L. UNED1011 TYPESETTING MATHEMATICS - USER'S GUIDE (SECOND EDITION)
 UNED1019 COMPUTER DETECTION OF TYPOGRAPHICAL ERRORS
 UNED1029 A SYSTEM FOR TYPESETTING MATHEMATICS
 UNED1497 WRITING TOOLS - THE STYLE AND DICTION PROGRAMS
 UNED1629 OOCGEN - A SCRIPT DRIVEN PROGRAM FOR TYPING DOCUMENTS
 UNPL1097 SIM - A LANGUAGE FOR SIMULATING COMPUTERS
 UNPL1105 AN INTERACTIVE CONTROL LANGUAGE FOR SIM
 UNPM1021 UNIX REFERENCE CARD - SECOND EDITION
 CHE, M. UNOS1491 UUSTAT - A UUCP STATUS INQUIRY PROGRAM
 UNOS1482 A SEND-ONLY UUCP FACILITY
 UNOS1509 NETWORK ADMINISTRATOR TASKS FOR UNIX FILE TRANSFER NETWORKS
 UNOS1717 DESIGN AND PERFORMANCE ANALYSIS OF COMPUTER INTERFACES FOR A DATAKIT-BASED C
 UNSA1342 A SOFTWARE ARCHITECTURE FOR PROVIDING A GRAPHICS SYSTEM DEVELOPMENT WORKBENCH
 UNOS1045 EMULATION OF UNIX ON PERIPHERAL PROCESSORS
 UNOS1247 A MINICOMPUTER SATELLITE PROCESSOR SYSTEM
 CLARK, D. L. UNHA1392 EVALUATION OF THE REMOTE DIAGNOSTIC CONSOLE FOR USE ON BELL SYSTEM PDP-11/70
 COHEN, A. S. UNSD1420 SUPPORTED STRUCTURE FOR LOCAL MODIFICATIONS TO UNIX
 COHEN, A. S. UNOS1232 UNIX/T3 RELEASE 1.0 PLANS
 UNOS1358 UNIX COMMAND SYNTAX
 COKE, E. U. UNSU1279 UNIX SOFTWARE DISTRIBUTION BY COMMUNICATION LINK
 CONIGLIARO, N. J. UNSA1731 READ - C PROGRAMS FOR ANALYZING READABILITY
 COPLIEN, J. O. UNSU1810 USER'S GUIDE FOR GENESIS, A UNIX-BASED GENERAL PURPOSE INFORMATION RETRIEVAL
 COPP, D. H. UNSU1153 THE AIDS TEST UTILITY ON VAX-11/780 UNIX
 COREY, D. A. UNED1705 AN INTEGRATED SYSTEM FOR MICROPROCESSOR SUPPORT
 COUNCIL, R. J. UNSU1153 UNIX COMMANDS FOR MANAGERS AND NON-PROGRAMMERS
 CRACUN, D. W. UNSA1416 AN INTEGRATED SYSTEM FOR MICROPROCESSOR SUPPORT
 CRISTOFOR, E. UNED1518 PRELIMINARY REAL TIME LISTING RETRIEVAL (RTL) FIELD STUDY PERFORMANCE ANALY
 UNPL1538 MEMO - A TOOL FOR PRODUCING AND MAINTAINING DOCUMENTS
 CRISTOFOR, EUGENE UNPL1680 PDCP - A DEBUGGING AID
 CROWLEY, T. R. UNOS1556 A SET OF LIST HANDLING ROUTINES FOR C PROGRAMS
 CSASZAR, M. A. UNSD1296 SOURCE CONTROL - TOOLS = STABLE SYSTEMS
 CUMMINGHAM, S. J. UNSU1295 TITLE LISTINGS FOR UNIX MEMORANDA
 CYKIERT, M. M. UNSU1210 REGRESSION TESTING FOR C COMPILERS
 DAILY, P. UNED1146 EXAMPLES OF CONVERTING USC SHELL COMMAND FILES FOR THE NEW SHELL
 DALRYMPLE, F. L. UNPL1584 NRUFF MACROS FOR PRODUCING GENERIC PROGRAM DOCUMENTATION.
 UNPL1584 DMAN: A DATA MANIPULATION LANGUAGE
 DUNN, J. UNSU1223 AN INTERACTIVE LEAP SCRIPT GENERATOR (ILSG)
 DUNN, J. UNOS1283 CNCC UNIX PROJECT PERFORMANCE MEASUREMENTS, PROJECTIONS AND ENHANCEMENTS
 DALRYMPLE, F. L. UNED1657 PORTING NRUFF/TROFF TO UNIX ON DEC VAX 11/780, UNIVAC 1100, IBM 370, AND TO
 UNSU1672 A GENERALIZED SOFTWARE DEVELOPMENT SUPPORT LIBRARY FOR UNIX
 UNSU1673 IMPLEMENTATION OF A DEVELOPMENT SUPPORT LIBRARY FOR UNIX
 DATATREVA, E. S. UNED1564 AN EXTENDED UNIX TEXT EDITOR - EX
 DEAN, J. UNSA1324 MODIFICATIONS TO THE TROUBLE REPORTING SYSTEM
 DEJAGER, D. S. UNOS1288 INTERPROCESS COMMUNICATION PERFORMANCE TRADE-OFFS IN CB - UNI
 UNOS1382 UNIX/T3 AUGMENTED TASK FORCE REPORT
 DENSMORE, W. UNOS1632 THE UNIX MYTHOS AND WHAT UPPER MANAGEMENT SHOULD ASK ABOUT UNIX
 DOLAN, M. T. UNHA1417 AN ICE-65 BASED 8085 SOFTWARE DEVELOPMENT SYSTEM
 DOLOTTA, T. A. UNPL1079 BLOSIM - A DISCRETE TIME BLOCK SIMULATOR
 DOLOTTA, T. A. UNPL1452 USING A COMMAND LANGUAGE AS THE PRIMARY PROGRAMMING TOOL
 UNED1109 PROGRAMMER'S WORKBENCH - SYNOPSIS OF FACILITIES (G.1)
 UNED1192 PWB/UNIX VIEW GRAPH AND SLIDE MACROS (T.3)
 DORRIS, H. N. UNSA1283 COMPUTER ASSISTED COMMUNICATION SYSTEM
 DOWD, P. G. UNHA1255 THE TELETYPE DATASPEED 40 LINE PRINTER AS A UNIX PERIPHERAL
 DUNCAN, B. S. UNHA1712 HARDWARE REQUIREMENTS FOR STANDALONE UNIX SYSTEMS
 DWYER, T. J. UNSC1494 A SUBROUTINE PACKAGE TO DO PROCESS CLEANUP
 DWYER, T. J. UNED1515 THE DIRECT II VIRTUAL PHOTOTYPESETTER
 EDELSON, D. UNED1075 TYPESETTING ACS AND APS MEETING ABSTRACTS - ISSUE 2
 EISEN, S. R. UNSC1398 UNIX USERS GROUP MEETING - TORONTO, JUNE 19-23, 1979
 ELLINGTON, M. B. UNOS1475 A STAND-ALONE INPUT/OUTPUT LIBRARY
 ELLIOTT, R. J. UNSA1399 CONVERSION OF SICPDR FILES FROM UNIX TO RAMIS II
 ELLIOTT, R. JANE UNHA1460 A DATAKIT NETWORK MONITORING SYSTEM WITH A DIALUP FACILITY
 ELLIOTT, R. J. UNSU1601 ELECTRONIC MAIL WITHOUT ALIASES
 ELLIOTT, R. J. UNOS1184 FILE INTEGRITY AND SPACE ACCOUNTING FOR A UNIX BASED SYSTEM.
 ELLIOTT, R. J. UNOS1218 SOFTWARE SUPPORT FOR SATELLITE PROCESSOR
 ELLIOTT, R. J. UNOS1604 USING A COMPUTER NETWORK AS A CACHE MEMORY: DESIGN AND IMPLEMENTATION
 ENGELBERT, E. F. UNSU1081 A TAPE BACK-UP SYSTEM FOR THE NETWORK FILE STORE
 EPSTEIN, J. J. UNED1091 A SECRETARIAL TYPING SYSTEM USING UNIX
 ERSMANN, R. UNSU1802 A RECORD SELECTION PROGRAM
 EVERETT, W. W. UNHA1389 FORMAL SPECIFICATION OF X.25 COMPATIBLE LINK PROTOCOL
 EVERETT, W. W. UNSA1366 CRAFT ACCESS SYSTEM SOFTWARE STANDARDS
 EVERETT, W. W. UNOS1290 ACTIVITY PROFILE OF THE PWB/UNIX OPERATING SYSTEM
 FARGO, P. A. UNPL1468 SE - A STRUCTURE EDITOR PROGRAM FOR ACCESSING C PROGRAM STRUCTURES
 FARRELL, J. W. UNSU1282 USER'S GUIDE TO THE SMAL2 LANGUAGE FOR THE ZILOG Z80 MICROPROCESSOR
 FASCIANO, V. A. UNSU1286 INTERACTIVE DESIGN AID FOR GENERAL-PURPOSE ARTWORK PRODUCTION
 FAULKNER, R. A. UNOS1382 UNIX/T3 AUGMENTED TASK FORCE REPORT
 FEDER, J. UNOS1202 MORE FLEXIBLE LOW SPEED I/O FOR UNIX
 FELDMAN, S. I. UNOS1265 A FASTER TERMINAL HANDLER FOR UNIX
 FELDMAN, S. I. UNOS1316 TERMINAL HANDLING UNDER UNIX AND MERT/UNIX
 FELDMAN, S. I. UNOS1460 UNOS1467 RELATIVE CPU PERFORMANCE ON C LANGUAGE PROGRAMS
 FELTON, W. A. UNPL1248 PRELIMINARY PERFORMANCE EVALUATION OF UNIVAC UNIX
 FELTS, S. UNPL1354 A PORTABLE FORTRAN 77 COMPILER
 FELTS, S. UNPL1410 IMPLEMENTATION OF A PORTABLE FORTRAN 77 COMPILER USING MODERN
 FELTS, S. UNOS1078 THE PROGRAMMING LANGUAGE EFL
 FELTS, S. UNOS1352 MAKE - A PROGRAM FOR MAINTAINING COMPUTER PROGRAMS
 FELTS, S. UNSA1645 UNIX/370: A FEASIBILITY STUDY
 FELTS, S. UNOS1540 ENHANCEMENTS TO THE UNITY DBMS
 FEUER, A. R. UNED1441 LIMBO - AN ARCHIVE FACILITY FOR UNIX FILES ON IBM MASS STORAGE
 UNPL1468 A TUTORIAL INTRODUCTION TO THE GRAPHICAL EDITOR (GED)
 UNPL1537 A COMPARISON OF THE PROGRAMMING LANGUAGES C AND PASCAL - PART ONE: LANGUAGE
 UNSA1398 A COMPARISON OF THE PROGRAMMING LANGUAGES C AND PASCAL - PART TWO: PROGRAM ?
 FELTON, W. A. UNSU1252 PWB/GRAFICS OVERVIEW
 FIALKOFF, R. UNCI1563 STAT: A TOOL FOR ANALYZING DATA
 FIALKOFF, R. UNOS1733 CYCLES TO BURN: THE CHALLENGE OF ABUNDANCE
 FIALKOFF, R. J. UNSA1644 OFFICE AUTOMATION SYSTEM (OAS) PERFORMANCE STUDY
 FILDES, N. R. UNSA1366 A UNIX BASED TERMINAL DRIVER FOR IES
 UNSA1416 CRAFT ACCESS SYSTEM SOFTWARE STANDARDS
 UNSA1416 THE CRAFT ACCESS VOICE EDITING SYSTEM (CAVES)

FISHMAN, D. H. UNED1515 THE DIRECT II VIRTUAL PHOTOTYPESETTER
 FLAMM, D. L. UNMA1712 HARDWARE REQUIREMENTS FOR STANDALONE UNIX SYSTEMS
 FOLEY, G. B. UNOS1180 A DESCRIPTION OF AUTOMATIC DIALING USING THE UNIX OPERATING SYSTEM
 FOWLER, GLENN UNSU1670 OVERLAYS IN A UNIX ENVIRONMENT
 FRASER, A. G. UNED1185 CIRCUIT DESIGN AIDS ON UNIX
 FRASER, C. M. UNMA1058 C - LANGUAGE ORIENTED MICROPROGRAM FOR THE MP-21MX
 FRASER, L. T. UNOS1184 FILE INTEGRITY AND SPACE ACCOUNTING FOR A UNIX BASED SYSTEM.
 FREEMAN, R. S. UNPL1388 C LANGUAGE ROUTINES FOR MULTI-THREAD COMPUTATIONS
 FRIEDENSON, R. A. UNPL1625 UNIX ASSEMBLER REFERENCE MANUAL FOR THE VAX 11/780
 CABBE, J. D. UNED1541 WRITER'S WORKBENCH: COMPUTER PROGRAMS FOR TEXT EDITING AND ASSESSMENT (RELEASE
 CAJEWSKA, M. UNSA1643 PARSE() - A C LANGUAGE ROUTINE TO PARSE A STRING INTO WORDS
 GANSNER, E. UNSU1248 DESIGNER'S WORKBENCH - THE USER ENVIRONMENT
 GAUNTLETT, C. H. UNPL1102 QUIK: A NOVEL APPROACH TO COMPUTERIZED DIRECTORY ASSISTANCE SERVICES
 GENANI, N. H. UNPL1728 SOME STATISTICS ON THE USAGE OF THE C LANGUAGE
 GELLIS, H. S. UNED1688 RELATIONAL QUERIES ON HIERARCHICAL DATA - AN EXPERIMENT
 GERMWITZ, W. L. UNPL1468 USER'S MANUAL FOR GETTING STARTED ON POLY
 GINGRICH, P. S. UNPL1537 A COMPARISON OF THE PROGRAMMING LANGUAGES C AND PASCAL - PART ONE: LANGUAGE
 GLASSER, A. L. UNSU1525 A COMPARISON OF THE PROGRAMMING LANGUAGES C AND PASCAL - PART TWO: PROGRAM P
 GLASSER, ALAN L. UNSU1308 M2 ADMINISTRATOR'S PROGRAMMING MANUAL
 GOLDSMITH, L. D. UNSD1620 MRCS AND THE MRCS 2 DATA BASE SYSTEM
 GOLDSMITH, S. B. UNED1647 CONCURRENCY AND CRASH RECOVERY IN MDM
 GOODMAN, J. O. UNOS1230 A TUTORIAL INTRODUCTION TO THE WRITER'S WORKBENCH
 COPIN, A. M. UNOS1257 PORT - A NEW INTER-PROCESS COMMUNICATION FACILITY UNDER UNIX
 CRAAF, D. A. DE UNOS1264 ENLARGING PDP-11 UNIX TABLE SPACE USING SUPERVISOR MODE
 GRAMPP, F. T. UNOS1411 A CORE-RESIDENT UNIX SYSTEM FOR PDP-11'S
 GREENBERG, M. E. UNOS1544 A REMOTE FILE SYSTEM DRIVER FOR UNIX
 GRUCHAZ, A. M. UNPL1143 A MEMORY DEVICE DRIVER FOR UNIX
 GRUCHAZ, A. M. UNPL1157 A STYLE SHEET FOR C PROGRAMMING, ISSUE 1
 GRUCHAZ, A. M. UNPL1413 A GENERAL-PURPOSE SUBROUTINE LIBRARY FOR PWB/UNIX (8.11)
 GRUCHAZ, A. M. UNSD1363 SDMP - A DEBUGGING AID FOR UNIX C PROGRAMMERS
 GRUCHAZ, A. M. UNSU1304 A PUBLIC LIBRARY FACILITY FOR THE UNIX TIME-SHARING SYSTEM
 HAGGERTY, J. P. UNOS1555 THE EVOLUTION OF A SOURCE CODE CONTROL SYSTEM
 HAGH, R. C. UNOS1581 ON MAKING THE UNIX FILE SYSTEM CRASH RESISTANT
 HAGELBARGER, D. W. UNOS1461 A VIRTUAL TERMINAL PROTOCOL FOR UNIX
 HAGUE, J. L. UNG11709 MMCC GENERAL - USE UNIX SERVICE II
 HAMMER, I. A. UNSU1729 YET ANOTHER UNIX DATA BASE MANAGEMENT SYSTEM SURVEY
 HAIGHT, R. C. UNSA1478 DEVELOPMENT OF A PROGRAM FOR PARTS INVENTORY CONTROL
 UNOS1487 PRELIMINARY PERFORMANCE EVALUATION OF UNIVAC UNIX
 UNOS1439 PROGRAM TESTING - WORK TO BE DONE
 UNED1708 SUPPORT FOR C ON IBM COMPUTERS
 UNED1709 CQ - A PROGRAM FOR TESTING C COMPILERS
 UNED1709 DIRECTORY ASSISTANCE FOR UUCP
 UNED1085 NUMERIC PATTERN RECOGNITION DATA BASE FOR UNIX SYSTEMS
 UNED1685 TED INSTALLATION MANUAL
 UNED1708 VOTED - A VOICE COMMAND TEXT EDITOR
 UNED1707 THE DISPLAY TEXT EDITOR TED: A CASE STUDY IN THE DESIGN AND IMPLEMENTATION OF
 UNED1650 TED REFERENCE MANUAL
 UNED1627 PROSPECTUS ON QASYS, AN OFFICE AUTOMATION SYSTEM
 UNMA1308 PROPOSAL FOR A MICROPROCESSOR BASED SYSTEMS DEVELOPMENT LABOR
 UNOS1450 MAASE, J. L. PERFORMANCE ASSESSMENT OF CUSTOMER SERVICE AND ADMINISTRATIVE CONTROL CENTER
 UNSA1283 COMPUTER ASSISTED COMMUNICATION SYSTEM
 UNOS1434 ADDING REMOTE FILES TO UNIX - A PROGRESS REPORT ON THE FILE SERVER PROJECT
 UNOS1440 DESCRIPTION OF MKCONF
 UNSU1140 PROGRAMMER'S WORKBENCH - SYNOPSIS OF FACILITIES (G.1)
 UNED1108 UNED1634 A MICROPROCESSOR-SUPPORTED SCREEN EDITOR (SCRED)
 UNED1261 EXPERIENCE WITH HARDWARE SERVICE CONTRACTORS ON PDP-11'S
 UNOS1194 SETTING UP PWB/UNIX (1.1)
 UNOS1195 ADMINISTRATIVE ADVICE FOR PWB/UNIX (1.2)
 UNOS1204 C LANGUAGE PORTABILITY
 UNOS1274 PRE-RELEASE UNIX/TS
 UNOS1319 UNIX FILE SYSTEM CONVERSION
 UNOS1320 SETTING UP UNIX/TS
 UNOS1321 UNIX/TS RELEASE 1.0
 UNOS1484 UNIX/TS DEVELOPMENT PLAN
 UNPL1204 C LANGUAGE PORTABILITY
 UNSU1273 UNIX/TS FILE SYSTEM BACKUP
 UNOS1506 SETTING UP UNIX - SEVENTH EDITION
 UNOS1507 REGENERATING SYSTEM SOFTWARE
 UNOS1398 DEPARTMENT 3821 MAXIUNIX WORKPLAN
 UNOS1343 UNOS1688 VIRTUAL FILE SYSTEMS ON MERT
 UNPL1678 SDS/NET - AN INTERACTIVE DISTRIBUTED OPERATING SYSTEM
 UNSA1419 MICROCODING THE VAX 11/780 USER-WRITABLE CONTROL STORE
 UNSA1387 THE NSPEAK PROGRAM
 UNSA1298 SVSTD ON F4P-UNIX - USER'S GUIDE
 UNOS1583 IMPLEMENTATION OF GR-Z GRAPHICS ON UNIX
 UNPL1512 SOCCOM: LSX SHARED OBJECT CODE AND COMMON MEMORY SYSTEM
 UNNA1182 BITE USERS GUIDE
 UNNA1182 SOME MERT PERFORMANCE MEASUREMENTS IN TRANSACTION ORIENTED PROCESSING.
 UNHA1360 UNHA1360 PDP-11/70 DESIGN ERROR: HANDLING SEGMENTATION VIOLATIONS DIFFERENT FROM PDP-
 UNSA1318 PRELIMINARY REPORT ON RCMAS AND MERT PERFORMANCE PROBLEMS
 UNSA1595 UNSA1546 A USER MANUAL FOR THE MENU CREATION AND INTERPRETATION SYSTEM
 UNOS1639 DESCRIPTION OF A MENU CREATION AND INTERPRETATION SYSTEM
 UNMA1684 SHARED MEMORY FOR UNIX
 UNOS1715 PCL-11 EXPERIENCE
 UNOS1223 A VIEW ON SOFTWARE CONTROL FOR UNIX RELEASES
 UNPL1211 AN INTERACTIVE LEAP SCRIPT GENERATOR (ILSG)
 UNPL1211 STRING MANIPULATION AND CONVERSION LIBRARY FOR SWITCHING CONTROL CENTER
 UNED1649 UNED1649 MMVI - AN EASIER WAY TO CREATE MEMORANDA
 UNSA1421 UNPA1224 EXPERIMENTAL OFFICE COMMUNICATIONS SERVICES - MESSAGE SYSTEM
 UNPA1224 GOBO SIMULATOR (IBOSIM) USER MANUAL
 UNOS1436 LOAD CHARACTERIZATION FOR SDS/UNIX
 UNOS1581 PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR LOOP MAINTENANCE
 UNOS1622 THE UNIX MYSTIQUE OR WHAT UPPER MANAGEMENT SHOULD KNOW ABOUT UNIX
 UNOS1306 AUDIO RESPONSE UNIT (ARU) SUBSYSTEM DESIGN FOR REAL-TIME RETRIEVAL (RTL/R)/AR
 UNOS1355 REAL TIME LISTING RETRIEVAL (RTL/R)/AUDIO RESPONSE UNIT (ARU) PROTOTYPE SYSTEM
 UNPL1730 MISEL USER'S GUIDE
 MORGAN, S. CASNER J. R. UNPL1728 RELATIONAL QUERIES ON HIERARCHICAL DATA - AN EXPERIMENT

HORTON, M. R. UNSD1456 A PORTABLE VERSION OF THE UNIX TEXT EDITOR ED
 HSU, T. UNSA1502 DIRECT II DATA BASE INDICES
 MUBER, D. J. UNOS1422 DIRECT II VAX PERFORMANCE IMPROVEMENT ESTIMATES
 MUNNSBERGER, D. J. UNOS1461 UNIX LINE DISCIPLINE FOR IBM 2740-1 PROTOCOL
 MUNT, J. W. UNSD1063 AN INTEGRATED SYSTEM FOR MICROPROCESSOR SUPPORT
 MUTHINSON, E. C. UNSA1522 AN ALGORITHM FOR DIFFERENTIAL FILE COMPARISON
 IMAGNA, C. P. UNOS1128 M2 RETRIEVAL AND REPORTS
 ISMAN, M. A. UNOS1349 UNIX INITIALIZATION AND PROCESS CONTROL
 (MIT), C. ROVLANCE UNSU1546 UNIX/RT AS AN APPLICATION SYSTEM FOR BOS/LMOS DEVELOPMENT
 JACKOWSKI, D. J. UNPL1079 PROGRAM PROFILING UNDER MERT USING A DEC KW11-P CLOCK
 JACKSON, J. H. UNSU1227 BLOSIM - A DISCRETE TIME BLOCK SIMULATOR
 JAGER, D. S. DE UNPL1200 GEX - AN INTERACTIVE GRAPHICS PROGRAM
 JAKUBEK, R. UNOS1127 INTERACTIVE GRAPHICS SYSTEM FOR A UNIX ENVIRONMENT
 JAKUBOVITS, J. D. UNG11729 SHARED MEMORY IN UNIX
 JENSEN, P. D. UNPL1080 CNC C UNIX PROJECT PERFORMANCE MEASUREMENTS, PROJECTIONS AND ENHANCEMENTS
 JOHNSON, S. C. UNOS1375 YET ANOTHER UNIX DATA BASE MANAGEMENT SYSTEM SURVEY
 JUDICE, C. N. UNPL1013 UNIX FACILITIES FOR THE DEVELOPMENT OF PROGRAMS WRITTEN IN MACRO-11.
 KAISER, J. F. UNPL1102 A 32-BIT PROCESSOR DESIGN
 KAPLAN, R. S. UNPL1102 YACC - YET ANOTHER COMPILER COMPILER
 KATSEFF, M. P. UNPL1207 SOME STATISTICS ON THE USAGE OF THE C LANGUAGE
 KAUFELD, J. C. UNPL1409 THE C LANGUAGE CALLING SEQUENCE
 KAYEL, R. G. UNSU1186 A TOUR THROUGH THE PORTABLE C COMPILER
 KEENAN, S. A. UNSU1245 LINT, A C PROGRAM CHECKER
 KEESE, W. M. UNPL1079 QUIK: A NOVEL APPROACH TO COMPUTERIZED DIRECTORY ASSISTANCE SERVICES
 KERNIGHAN, B. W. UNOS1476 BLOSIM - A DISCRETE TIME BLOCK SIMULATOR
 UNOS1389 GUIDELINES FOR CONVERTING MERT SOFTWARE TO UNIX/RT
 UNOS1623 SDB: A SYMBOLIC DEBUGGER
 UNOS1713 A SATELLITE PROCESSOR SYSTEM FOR THE MOTOROLA MC68000
 UNSA1390 VIRTUAL CIRCUITS IN A MULTIPLE UNIX SYSTEM
 UNED1541 HI - AN INTERACTIVE HIERARCHICAL DATA MANAGEMENT SYSTEM FOR U
 UNED1586 WRITER'S WORKBENCH: COMPUTER PROGRAMS FOR TEXT EDITING AND ASSESSMENT (RELEA
 UNED1000 THE DATA KERNEL, THE DATA BASE INTERFACE FOR MOON
 UNED1010 A TUTORIAL INTRODUCTION TO THE UNIX TEXT EDITOR
 UNED1011 A TROFF TUTORIAL
 UNED1029 TYPESETTING MATHEMATICS - USER'S GUIDE (SECOND EDITION)
 UNED1042 A SYSTEM FOR TYPESETTING MATHEMATICS
 UNED1042 UNIX FOR BEGINNERS - SECOND EDITION
 UNED1089 COMPUTER TYPESETTING OF TECHNICAL JOURNALS ON UNIX
 UNED1104 THE LEARN PROGRAM FOR COMPUTER INSTRUCTION: (2ND EDITION)
 UNED1108 ADVANCED EDITING ON UNIX
 UNOS1073 UNIX PROGRAMMING - SECOND EDITION
 UNOS1447 THE UNIX PROGRAMMING ENVIRONMENT
 UNPL1001 PROGRAMMING IN C - A TUTORIAL (8.9)
 UNPL1160 THE MA MACRO PROCESSOR
 UNPL1193 RATFOR - A PREPROCESSOR FOR A RATIONAL FORTRAN
 UNPL1206 AWK - A PATTERN SCANNING AND PROCESSING LANGUAGE (SECOND EDIT
 UNPM1073 UNIX PROGRAMMING - SECOND EDITION
 UNSA1471 A GRAPHICS LANGUAGE FOR TYPESETTING
 UNSA1558 PIC - A CRUDE GRAPHICS LANGUAGE FOR TYPESETTING
 UNSU1671 A C-PROGRAM TO AUTOMATICALLY GENERATE JCL COMMENTS FOR DATA EMBEDDED IN A JO
 UNED1168 AN INTERACTIVE COMPUTER CONTROLLED DATA ACQUISITION SYSTEM WITH A CANAC REAL
 UNPL1726 RELATIONAL QUERIES ON HIERARCHICAL DATA - AN EXPERIMENT
 UNPL1730 HISSEL USER'S GUIDE
 UNPL1150 REISSUE NO. 1 OF MAC-8 ASSEMBLER USER'S MANUAL
 UNPL1566 "C" IMPORT/EXPORT USER'S GUIDE
 UNOS1434 ADDING REMOTE FILES TO UNIX - A PROGRESS REPORT ON THE FILE SERVER PROJECT
 UNOS1372 UNIX/RT ON A DEC VAX-11/780 PROJECT CONTRACT
 UNSL1648 THE IMPLEMENTATION OF THE LP SPOOLING SYSTEM
 UNSU1669 LP ADMINISTRATOR'S GUIDE
 UNSC1364 UPDATE FILES FOR THE C STANDARD LIBRARY
 UNPL1287 A C LIBRARY PERFORMANCE PROBLEM
 UNPL1288 VARIABLE LENGTH ARGUMENT LISTS IN C
 UNPL1323 CHANGES IN THE C ENVIRONMENT FOR UNIX/TS EDITION 1.0
 UNPL1486 THOUGHTS ON DEBUGGING C PROGRAMS
 UNPL1721 INTRODUCTION TO THE PRINTF FAMILY
 UNPL1722 SPECIFICATIONS FOR THE PRINTF FAMILY
 UNSU1635 DIRECTORY ASSISTANCE FOR UUCP
 UNPL1559 THE PRINTF FAMILY
 KORN, ANDREW UNCI1331 READ - C PROGRAMS FOR ANALYZING READABILITY
 KOETHER, W. E. UNPL1228 EXTENDED SHELL - A POTENTIAL REAL TIME INTERPRETER
 KOLETTIS, N. J. UNPL1723 SANLANG - A LANGUAGE FOR CHECKING DATA CONSISTENCY
 KORN, D. G. UNSA1322 FUNCTIONAL OPERATION OF THE RECENT CHANGE MEMORY ADMINISTRATI
 KOWALSKI, T. B. UNSA1846 FORM SHELL
 KOWALSKI, T. USERS' GUIDE FOR THE PARASITE SYSTEM: A REAL-TIME SATELLITE SYSTEM BASED ON
 KOWALSKI, T. J. UNSC1589 A REAL-TIME SATELLITE SYSTEM BASED ON UNIX
 UNSC1514 FSCK - THE UNIX/TS FILE SYSTEM CHECK PROGRAM
 UNSC1463 PARASITE USER'S MANUAL: A REAL-TIME SATELLITE SYSTEM BASED ON UNIX
 UNSC1573 UNIX ON THE PDP-11/23 AND 11/34 COMPUTERS
 UNSC1588 SETTING UP PARASITE: A REAL-TIME SATELLITE SYSTEM BASED ON UN
 KRAUS, J. S. UNSC1621 A PERIPHERAL PROCESSOR INTERACTIVE CONTROL AND DATA ACQUISITI
 KROPPF, W. J. UNSC1289 USER SPACE I/O COMMANDS GIVE UNIX REAL-TIME CAPABILITIES
 KUKUK, R. C. UNSC1714 AN IMPROVED MAGNETIC TAPE DRIVER FOR THE UNIX/RT OPERATING SYSTEM
 UNSC1536 UNSC1572 AN ANALYSIS OF KERNEL MESSAGE BUFFER UTILIZATION IN UNIX/RT
 LABORATORIES, BELL UNSC1505 7TH EDITION UNIX - SUMMARY
 UNPM1070 UNIX/RT USER'S MANUAL - RELEASE 1
 UNPM1088 UNIX PROGRAMMER'S MANUAL - PG-1C300 ISSUE 3
 UNPM1400 UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUME 1
 UNPM1401 UNIX PROGRAMMER'S MANUAL - SEVENTH EDITION, VOLUMES 2A & 2B
 UNPM1402 UNIX/32V TIME-SHARING SYSTEM: UNIX PROGRAMMER'S MANUAL, VERSION 1.0, VOLUME
 UNSA1595 BRIDGE: A UNIX EXPERIMENT FOR HOME COMPUTER SERVICES
 UNSA1651 SIS-EQUIPMENT INFORMATION SERVICES
 UNSA1646 FORM SHELL
 LACHMAN, D. UNSA1648 DEVELOPING AN M2 APPLICATION
 LAMBERT, C. A. UNSA1823 DA118 DRIVER IN MERT
 LAMBETH, D. A. UNSC1212 SYNCHRONOUS TERMINALS FOR MERT
 LAMB, J. E. UNSA1459 SPOOLER AND DAEMON SOFTWARE FOR A PRINTER NETWORK
 LAUR, J. E. UNSA1448 LOAD CHARACTERIZATION FOR SDS/UNIX
 LAX, B. J. B. UNSC1436 A CONSOLE CONTROLLED INTERFACE BETWEEN AN INTELLEC MDS AND A TIME-SHARED COM
 LENCCOSKI, J. E. UNSU1168

LENCOSKI, JOSEPH E. UNSU1118
 LESH, MICHAEL UNED1600
 UNPL1599
 UNSU1601
 UNOS1605
 UNED1028
 UNED1089
 UNED1104
 UNED1108
 UNED1111
 UNED1213
 UNOS1437
 UNOS1604
 UNPL1081
 UNPL1084
 UNPL1207
 UNSU1279
 UNSU1611
 UNSU1442
 UNSU1443
 UNSA1727
 UNSA1454
 UNOS1368
 UNSA1425
 UNSA1455
 UNSU1565
 UNGI1477
 UNOS1327
 UNOS1385
 UNPL1384
 UNPL1430
 UNSS1351
 UNHA1161
 UNOS1297
 UNSS1623
 UNSU1245
 UNHA1240
 UNHA1513
 UNOS1173
 UNSU1612
 UNOS1438
 UNED1205
 UNOS1153
 UNSS1231
 UNOS1258
 UNOS1391
 UNCS1435
 UNCS1503
 UNOS1509
 UNCS1580
 UNCS1580
 UNCS1436
 UNOS1688
 UNED1117
 UNCS1045
 UNOS1052
 UNOS1062
 UNCS1116
 UNOS1123
 UNOS1124
 UNCS1125
 UNCS1129
 UNOS1130
 UNOS1131
 UNCS1135
 UNOS1146
 UNOS1147
 UNOS1154
 UNOS1158
 UNCS1248
 UNCS1247
 UNOS1276
 UNCS1278
 UNSU1003
 UNOS1094
 UNOS1217
 UNOS1361
 UNPL1203
 UNED1541
 UNSU1633
 UNCS1201
 UNOS1716
 UNSU1876
 UNED1283
 UNHA1281
 UNOS1C85
 UNOS1232
 UNOS1277
 UNOS1329
 UNOS1372
 UNPL1186
 UNPL1289
 UNSA1326
 UNSU1328
 UNOS1281
 UNSA1311
 UNOS1717
 UNED1098
 UNED1121

UNIX-INTELLEC MDS INTERFACE
 TOOLS FOR PREPARATION OF TECHNICAL DOCUMENTS ON THE UNIX SYSTEM
 A C PROFILER FOR TEST CASE VERIFICATION
 ELECTRONIC MAIL WITHOUT ALIASES
 RESPONSE TIME AND USER SATISFACTION ON A UNIX SYSTEM
 TYPING DOCUMENTS ON THE UNIX SYSTEM: USING THE -MS MACROS WITH TROFF AND N
 COMPUTER TYPSETTING OF TECHNICAL JOURNALS ON UNIX
 THE LEARN PROGRAM FOR COMPUTER INSTRUCTION: (2ND EDITION)
 TBL - A PROGRAM TO FORMAT TABLES
 A GUIDE TO PREPARING DOCUMENTS ON UNIX
 SOME APPLICATIONS OF INVERTED INDEXES ON THE UNIX SYSTEM
 A DIAL-UP NETWORK OF UNIX SYSTEMS
 USING A COMPUTER NETWORK AS A CACHE MEMORY: DESIGN AND IMPLEMENTATION
 LEX - A LEXICAL ANALYZER GENERATOR
 AGEN - AN ASSOCIATED MEMORY GENERATOR
 THE C LANGUAGE CALLING SEQUENCE
 UNIX SOFTWARE DISTRIBUTION BY COMMUNICATION LINK
 A SIMULATOR FOR THE DATASPEED 40/4 TERMINAL ON THE HP284X
 BANCS FACILITY FOR MERT/UNIX
 RECORD HANDLING UNDER MERT/UNIX - THE QUEUE FACILITY
 DSIS - A DATABASE SYSTEM WITH INTERRELATIONAL SEMANTICS
 DIRECT II SORT UTILITIES
 DIRECT II INTERPROCESS COMMUNICATION
 DIRECT II SERVICE DISPATCHER
 DIRECT II DATA REPRESENTATION AND MANIPULATION
 VSCRT RATIONAL
 EXPERIENCES WITH THE UNIX TIME-SHARING SYSTEM
 SHELL SUBPROGRAM FACILITY
 CHECKING FILE ACCESS PERMISSIONS IN UNIX SYSTEMS
 MACROS FOR ANALYZING C PROGRAM ARGUMENTS
 THE SECOND PASS OF THE PORTABLE C COMPILER
 IMPLEMENTATION OF THE LARGE ARGUMENT LIST FEATURE IN UNIX/RT'S EXEC. SYSTEM
 MERT HARDWARE CONFIGURATION
 A UNIX OPERATING SYSTEM FOR THE DEC VAX-11/780 COMPUTER
 A SATELLITE PROCESSOR SYSTEM FOR THE MOTOROLA MC68000
 QUIK: A NOVEL APPROACH TO COMPUTERIZED DIRECTORY ASSISTANCE SERVICES
 BETA TEST OF THE COMM IOP-CUP SYNCHRONOUS COMMUNICATIONS CONTROLLER UNDER UN
 RELEASE 1.0 OF THE UNIX VIRTUAL PROTOCOL MACHINE
 SYNTHESIS OF A HALF-DUPLEX LINE CONTROL PROCEDURE FOR UNIX USING STATE TRANS
 ZOO SOFTWARE DEVELOPMENT TOOLS USER'S MANUAL EDITION 3.1
 A MECHANISM OF STARTING A PROGRAM IN A UNIX BASED OPERATING SYSTEM
 CUT AND PASTE - TWO UNIX WORD PROCESSING COMMANDS
 MERT RELEASE 0 FROM DEPARTMENT 8234
 CONTENTS OF UNIX/RT
 STANDARDIZING FILE TYPES IN THE INODES OF UNIX VERSION 7 DESCENDANTS
 PRELIMINARY CONSIDERATIONS FOR EXPLORATORY UNIX OPERATING SYSTEM WORK
 DEPARTMENT 3624'S WORKPLAN FOR NETWORKING IN 1979/80
 WORK RELATED TO UNIX-TO-UNIX FILE TRANSFER (UUCP) IN DEPARTMENT 3624 - RETRO
 NETWORK ADMINISTRATOR TASKS FOR UNIX FILE TRANSFER NETWORKS
 DATA SWITCH REQUIREMENTS FOR A LOCAL AREA COMPUTER NETWORK
 LOAD CHARACTERIZATION FOR SDS/UNIX
 SDS/NET - AN INTERACTIVE DISTRIBUTED OPERATING SYSTEM
 SYSTEM FOR ENTERING DATA THROUGH COMPUTER DISPLAYED FORMS
 EMULATION OF UNIX ON PERIPHERAL PROCESSORS
 A STRUCTURED OPERATING SYSTEM FOR A PDP-11/45
 MERT - A MULTI-ENVIRONMENT REAL-TIME OPERATING SYSTEM.
 LSI-UNIX SYSTEM
 MINI-UNIX SUMMARY
 SETTING-UP MINI-UNIX - SIXTH EDITION
 MINI-UNIX REGENERATING SYSTEM SOFTWARE
 LSX SOFTWARE
 SETTING UP LSI-UNIX - FIRST EDITION
 REGENERATING LSX SOFTWARE
 THE MINI-UNIX SYSTEM
 SETTING-UP MERT - SECOND EDITION
 REGENERATING MERT SOFTWARE
 UNIX ON A MICRO-PROCESSOR
 LSI-UNIX SUMMARY
 THE MERT OPERATING SYSTEM
 A MINICOMPUTER SATELLITE PROCESSOR SYSTEM
 FILE SYSTEM STRUCTURES FOR REAL-TIME APPLICATIONS
 THE MERT/UNIX SUPERVISOR
 IMPLEMENTATION OF LARGE CONTIGUOUS FILES AND ASYNCHRONOUS I/O IN UNIX
 CAUTIONS ON THE USE OF THE ALARM SIGNAL
 GUIDE TO UNIVAC REMOTE JOB ENTRY FOR PROGRAMMER'S WORKBENCH USERS
 USE OF THE REVISED UNIX-TO-UNIX COPY COMMAND FOR LAB 323
 INTER-UNIX PORTABILITY
 WRITER'S WORKBENCH: COMPUTER PROGRAMS FOR TEXT EDITING AND ASSESSMENT (RELEA
 RESPONSE TO FSCK ERROR CONDITIONS IN UNIX
 NOTES ON THE SELECTION, PROCUREMENT, INSTALLATION, AND USAGE OF UNIX BY DEPA
 XDB: AN EXTENDED DEBUGGER
 TRANS: A FACILITY TO TRANSFER FILES BETWEEN UNIX AND DECSYSTEM-10 OR UNIX AN
 NEW PERMUTED INDEX PROGRAM ON UNIX
 EXPERIENCE WITH HARDWARE SERVICE CONTRACTORS ON PDP-11'S
 A DESCRIPTION OF THE UNIX FILE SYSTEM
 UNIX/TS RELEASE 1.0 PLANS
 UNIX COURSES
 EFFECTS ON UNIX HOST CPU RESOURCES BY THE USE OF INTELLIGENT TERMINALS
 UNIX/RT ON A DEC VAX-11/780 PROJECT CONTRACT
 A TUTORIAL INTRODUCTION TO ADB
 ON UNDERSTANDING THE SUPPORT OF THE PORTABLE C COMPILER
 NEW TROUBLE REPORTING PROCEDURES
 SDIFF, A SIDE-BY-SIDE DIFFERENCE PROGRAM
 A PROM WRITER FACILITY FOR UNIX IMPROVED VERSION
 ACS LEAP USER'S GUIDE
 DESIGN AND PERFORMANCE ANALYSIS OF COMPUTER INTERFACES FOR A DATAKIT-BASED C
 PWS/MM - PROGRAMMER'S WORKBENCH MEMORANDUM MACROS (T.2)
 PROGRAMMER'S WORKBENCH DOCUMENTATION ROADMAP (S.1)

MASHEY, J. R. UNED1216 SUMMARY OF PWB/MM MACROS, STRINGS, AND REGISTERS (T.2)
 UNG11485
 UNOS1189
 UNOS1447
 UNPL1462
 UNSA1547
 UNPL1249
 UNOS1370
 UNSU1603
 UNSA1520
 UNSA1618
 UNHA1418
 UNOS1382
 UNED1083
 UNED1658
 UNOS1043
 UNPL1009
 UNSU1025
 UNED1307
 UNSU1977
 UNOS1473
 UNSA1344
 UNHA1513
 UNOS1571
 UNOS1424
 UNSA1397
 UNSU1504
 UNOS1482
 UNED1175
 UNPL1532
 UNPL1149
 UNSU1149
 UNSU1153
 UNED1542
 UNPL1728
 UNPL1730
 UNED1019
 UNED1082
 UNOS1259
 UNOS1334
 UNOS1335
 UNPL1053
 UNPL1056
 UNPL1074
 UNOS1312
 UNSA1489
 UNSU1332
 UNOS1483
 UNPL1719
 UNPL1720
 UNPL1724
 UNSA1383
 UNSA1433
 UNSA1446
 UNSA1619
 UNSU1675
 UNOS1569
 UNSA1567
 UNSA1574
 UNSA1575
 UNOS1514
 UNOS1527
 UNOS1573
 UNCG1621
 UNCI1340
 UNPL1220
 UNSU1338
 UNOS1437
 UNSU1293
 UNED1314
 UNOS1325
 UNOS1358
 UNPL1229
 UNOS1654
 UNSA1616
 UNED1119
 UNPL1689
 UNED1292
 UNSA1666
 UNOS1653
 UNOS1436
 UNSU1243
 UNSA1524
 UNED1554
 UNHA1196
 UNOS1263
 UNED1708
 UNOS1450
 UNOS1113
 UNOS1145
 UNOS1176
 UNOS1270
 UNPL1446
 UNOS1403
 UNSA1496
 UNSU1238
 UNSA1322
 UNSA1521
 UNED1152

UNIX/TS DOCUMENTATION ROAD MAP
 PWB/UNIX SHELL TUTORIAL (8.5)
 THE UNIX PROGRAMMING ENVIRONMENT
 USING A COMMAND LANGUAGE AS THE PRIMARY PROGRAMMING TOOL
 OVERVIEW OF THE REDAS DATA BASE MANAGER IN UNIX/TS AUGMENTED
 A VERSION OF RATFOR FOR THE PDP-11'S RT-11 OPERATING SYSTEM
 USING UNIX CAPABILITIES MORE EFFECTIVELY
 A PROGRAM PACKAGE FOR UNIX TO NON-UNIX INTERACTION
 THE PWB/UNIX ACCOUNTING SYSTEM
 DESIGNER'S WORKBENCH - THE PROGRAMMER ENVIRONMENT
 BATTERY BACKUP FOR PDP 11/70 MOS MEMORY
 UNIX/TS AUGMENTED TASK FORCE REPORT
 AN ALGORITHM FOR DIFFERENTIAL FILE COMPARISON
 DEVELOPMENT OF A SPELLING LIST
 UNIX SUMMARY
 A MANUAL FOR THE TMC COMPILER-WRITING LANGUAGE
 SYNTHETIC ENGLISH SPEECH BY RULE
 SED - A NON-INTERACTIVE TEXT EDITOR
 UNIX DISK FORMATTER FOR DEC RPOG PACKS (RPGFMT)
 THE LOGICAL FILE SYSTEM - A FAST-ACCESS FILE SYSTEM USING UNIX RAW I/O
 REDAS - A RELATIONAL DATA ACCESS SYSTEM FOR REAL-TIME APPLICATION
 RELEASE 1.0 OF THE UNIX VIRTUAL PROTOCOL MACHINE
 PROCESS RECOVERY
 CHARACTER DEVICE DRIVER DEVELOPMENT FOR CB-UNIX OPERATING SYSTEM
 UNIX BASED TSPS HOTEL-MOTEL TRAFFIC SIMULATOR
 USER'S GUIDE TO THE SMALL41 LANGUAGE FOR THE INTEL 8041 MICROPROCESSOR
 UNIX ASSEMBLER FOR THE INTEL 8048 MICROPROCESSOR
 COMPUTERIZED OFFICE FILING SYSTEM
 APARSE: AN ATTRIBUTED LL(1) COMPILER GENERATOR
 UNIX ASSEMBLER FOR THE INTEL 8080 MICROPROCESSOR
 UNIX ASSEMBLER FOR THE INTEL 8086 MICROPROCESSOR
 AN INTEGRATED SYSTEM FOR MICROPROCESSOR SUPPORT
 AN INTERACTIVE SCREEN EDITOR FOR UNIX (EMACS)
 RELATIONAL QUERIES ON HIERARCHICAL DATA - AN EXPERIMENT
 HISEL USER'S GUIDE
 COMPUTER DETECTION OF TYPOGRAPHICAL ERRORS
 WEBSTER'S SECOND ON THE HEAD OF A PIN
 PASSWORD SECURITY: A CASE HISTORY
 A FAST SOFTWARE ENCRYPTION ALGORITHM
 UNIX FILE SECURITY
 BC - AN ARBITRARY PRECISION DESK CALCULATOR LANGUAGE
 DC - AN INTERACTIVE DESK CALCULATOR
 A LIBRARY OF REFERENCE STANDARD MATHEMATICAL SUBROUTINES
 A NEW OV-11 DRIVER FOR USE WITH LEAP
 A UNIX BASED SYSTEM FOR AUTOMATED TESTING OF ASYNCHRONOUS TERMINALS AND HOST
 MONITOR TERMINALS UNDER THE UNIX OPERATING SYSTEM
 UNIX/86: UNIX ON THE INTEL 8086
 CROSS ASSEMBLER DESIGN ON UNIX (COMMON FUNCTIONS)
 CROSS ASSEMBLER DESIGN ON UNIX (UNIQUE FUNCTIONS)
 AS85/ASZ80 - 8085/Z80 CROSS ASSEMBLER
 AN INTEL COMPATIBLE 8048-49 CROSS ASSEMBLER
 AN INTERFACE BETWEEN A STAND ALONE OPERATING SYSTEM (ISIS) AND A TIME SHARED
 INTEL 8048 SIMULATOR (SIM48) USER MANUAL
 A LSI-UNIX (LSX) TEST SET FOR THE CALL PROGRESS SYSTEM
 ASS1 - AN INTEL 8081 CROSS ASSEMBLER
 USERS' GUIDE FOR THE PARASITE SYSTEM: A REAL-TIME SATELLITE SYSTEM BASED ON
 USERS' GUIDE TO CODE: THE PARASITE-BASED CODING SYSTEM
 DATA FILE MANIPULATION ROUTINES
 TIME-LINE ANALYSES UNDER UNIX
 A REAL-TIME SATELLITE SYSTEM BASED ON UNIX
 REAL-TIME PROCESSING UNDER UNIX
 PARASITE USER'S MANUAL: A REAL-TIME SATELLITE SYSTEM BASED ON UNIX
 SETTING UP PARASITE: A REAL-TIME SATELLITE SYSTEM BASED ON UNIX
 MINUTES, ISC COMMON COMMAND SUBCOMMITTEE
 MICA - A GENERAL PURPOSE MICROASSEMBLER: FUNCTIONAL SPECIFICATION/USER'S M
 VM/CMS - UNIX FILE TRANSFER FACILITY
 A DIAL-UP NETWORK OF UNIX SYSTEMS
 UUCP - IMPLEMENTATION DESCRIPTION
 TBL OPTIONS SUMMARY
 ON THE INCONSISTENCIES OF UNIX COMMANDS
 UNIX COMMAND SYNTAX
 GUIDELINES FOR C COMPILER DISTRIBUTION
 EXPANDING A UNIX/1100 FILE SYSTEM
 DESIGNER'S WORKBENCH - PHILOSOPHY
 NROFF/TROFF USER'S MANUAL
 CREATING C TYPES
 USE OF DISPLAY EDITORS
 STRUCTURED DATABASE MANAGEMENT SYSTEM
 THE SYSTEM ACTIVITY PACKAGE - UNIX 4.0
 LOAD CHARACTERIZATION FOR SDS/UNIX
 CLIO - A RELATIONAL DATA BASE SYSTEM
 M2 DATA ENTRY AND UPDATE MANUAL
 PRE AND POST PROCESSORS FOR THE UNIX EDITOR TO PROVIDE CONTROLLED USER INTER
 PWB/UNIX OPERATIONS MANUAL (1.3)
 EDX - A CRT EDITOR EXTENSION TO THE UNIX TEXT EDITOR
 PERFORMANCE ASSESSMENT OF CUSTOMER SERVICE AND ADMINISTRATIVE CONTROL CENTER
 UNIX SYSTEM CALL MEASUREMENTS
 DEC FACTORY ACCEPTANCE TEST
 ON USING THE UNIX ERROR LOGGER
 A REVISED ERPT COMMAND
 A GUIDE TO THE C LIBRARY FOR UNIX USERS
 PWB/UNIX EDITION 2.0 PREPARATION
 TERSE - A TECHNIQUE FOR REPORTING ON SMALL DATA BASES
 A SYSTEM TESTING TECHNIQUE USING A UNIVERSAL LEAP SCRIPT
 FUNCTIONAL OPERATION OF THE RECENT CHANGE MEMORY ADMINISTRATI
 ADMINISTRATIVE INFORMATION FOR PWB/GRAFICS
 PWB/UNIX MANUAL PAGE MACROS (1.3)

PISKORIK, E. M. UNED1190 TYPING DOCUMENTS WITH PWB/MM (T.3)
 POLSKY, R. A. UNOS1639 SHARED MEMORY FOR UNIX
 POPLAWSKI, O. A. UNPL1510 THE DESIGN OF A PORTABLE POST-COMPILER IMPROVER FOR THE PORTABLE C COMPILER
 PRATT, GILL UNOS1606 SSPS - A SIMPLE SATELLITE PROCESSOR SYSTEM
 PRATT, G. UNOS1535 A MICROPROCESSOR BASED DATA ACQUISITION AND CONTROL SYSTEM
 PRIEVE, B. G. UNOS1310 UNIX/370 - A PROPOSAL
 QUINN, M. E. UNOS1636 DESCRIPTION OF CHANGES IN LEAP RELEASE 3.07
 RABINOWITZ, H. S. UNSA1526 M2 GENERATION SYSTEM MANUAL
 RADER, G. M. UNOS1664 ESCAPING UNIX: A MECHANISM FOR DEMON COOPERATION IN THE OPERATING SYSTEM
 RAONIK, M. K. UNPL1679 THE TRANSPARENT FILE SHARING SYSTEM: A MULTI-MACHINE UNIX FILE SYSTEM USING V
 RALEIGH, T. M. UNPL1377 PARSER: AN EXTENSIBLE, SELF DOCUMENTING, HIGHLY INTERACTIVE, MENU- AND SHELL
 UNMA1380 AN INTERACTIVE INTERFACE FOR C LANGUAGE PROGRAMS
 UNOS1047 POP-11/70 DESIGN ERRORS: HANDLING SEGMENTATION VIOLATIONS DIFFERENT FROM POP-
 EXPLANATION OF ABNORMAL CONDITIONS WITHIN THE UNIX OPERATING SYSTEM.
 UNOS1069 INTRODUCTION TO SCHEDULING AND SWITCHING UNDER UNIX
 UNOS1092 TCMP - A PROGRAM FOR COMPARING PROGRAM TEXT AFTER A SYSTEM CRASH.
 UNOS1093 DEAD - A PROGRAM FOR ANALYZING UNIX SYSTEM CRASHES
 UNOS1113 UNIX SYSTEM CALL MEASUREMENTS
 UNOS1126 SCHEDULING AND SWITCHING UNDER UNIX ALGORITHMS AND IMPLEMENTATION
 UNOS1214 LECTURE ON UNIX SCHEDULER AND SWITCHER GIVEN BY T. M. RALEIGH AT WHIPPSY
 UNOS1287 UPGRADE MERT RELEASE 0 WITH MODIFICATION 0.1 TO MERT RELEASE
 UNOS1500 SOME TIMING MEASUREMENTS OF ENTS, MESSAGE TRANSFERS AND CONTEXT SWITCHES FOR
 UNSA1318 PRELIMINARY REPORT ON RCMAS AND MERT PERFORMANCE PROBLEMS
 UNSU1140 DESCRIPTION OF MNCONF
 REDMAN, B. E. UNMA1683 REMOTE ACCESS TO AN ELECTRONIC COMPUTER CONSOLE
 RECHERSON, K. L. UNSA1333 A TRAFFIC GENERATING SYSTEM
 REINHARDT, C. A. UNSU1275 6080/280 SIMULATOR SM80 USER MANUAL
 REISER, J. F. UNOS1582 PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR SATELLITE NETWO
 UNED1177 EDTV - A DISPLAY-ORIENTED TEXT EDITOR FOR UNIX
 UNMA1626 HARDWARE CHECKING FOR NULL POINTERS
 UNOS1297 A UNIX OPERATING SYSTEM FOR THE DEC VAX-11/780 COMPUTER
 UNOS1534 SOFTWARE SEGMENTATION FOR LARGE INSTRUCTION SPACE ON THE POP11
 UNSU1286 CUMULATIVE PROGRAM PROFILING
 UNSU1545 KERNEL PROFILING FOR UNIX SYSTEMS ON THE VAX-11
 UNOS1155 PROGRAMMER'S MANUAL FOR THE SEL-98 POP-11/48 OPERATING SYSTEM.
 UNPL1237 A C COMPILER FOR THE SEL COMPUTER
 UNED1185 CIRCUIT DESIGN AIDS ON UNIX
 UNOS1507 RENEWING SYSTEM SOFTWARE
 UNCI1470 THE EVOLUTION OF THE UNIX TIME-SHARING SYSTEM
 UNMA1058 C - LANGUAGE ORIENTED MICROPROGRAM FOR THE HP-21MX
 UNOS1005 THE UNIX I/O SYSTEM
 UNOS1008 THE UNIX TIME-SHARING SYSTEM
 UNOS1073 UNIX PROGRAMMING - SECOND EDITION
 UNOS1139 ON THE SECURITY OF UNIX
 UNOS1159 A NEW INPUT-OUTPUT PACKAGE (8.10)
 UNOS1187 THE UNIX TIME-SHARING SYSTEM - A RETROSPECTIVE (G.3)
 UNOS1506 SETTING UP UNIX - SEVENTH EDITION
 UNPL1002 THE C PROGRAMMING LANGUAGE - REFERENCE MANUAL
 UNPL1012 UNIX ASSEMBLER REFERENCE MANUAL
 UNPL1180 THE M4 MACRO PROCESSOR
 UNPL1203 INTER-UNIX PORTABILITY
 UNPL1207 THE C LANGUAGE CALLING SEQUENCE
 UNPL1408 A TOUR THROUGH THE UNIX C COMPILER
 UNPM1014 UNIX PROGRAMMER'S MANUAL - SIXTH EDITION
 UNPM1073 UNIX PROGRAMMING - SECOND EDITION
 UNSU1635 DIRECTORY ASSISTANCE FOR UUCP
 ROBBINS, M. UNED1169 AN INTERACTIVE COMPUTER CONTROLLED DATA ACQUISITION SYSTEM WITH A CAMAC REAL
 ROBBINS, M. P. UNHA1299 POWER SUPPLY CONTROLLER USING A MAC 8 MICRO PROCESSOR
 UNQS1535 A MICROPROCESSOR BASED DATA ACQUISITION AND CONTROL SYSTEM
 UNQS1606 SSPS - A SIMPLE SATELLITE PROCESSOR SYSTEM
 UNSA1222 GF - A GRAPHICAL DATA ANALYSIS PROGRAM
 ROBERTS, C. S. UNED1085 NUMERIC PATTERN RECOGNITION DATA BASE FOR UNIX SYSTEMS
 UNSA1453 IMPLEMENTING AND TESTING NEW VERSIONS OF A GOOD 48-BIT PSEUDO-RANDOM NUMBER
 UNSU1068 UNIXLIST - AN IBM/370 UTILITY PROGRAM TO LIST A UNIX FILE STORED ON A 9-TRAC
 UNQS1585 2DSH - AN EXPERIMENTAL SHELL FOR CONNECTING PROCESSES WITH MULTIPLE DATA STR
 UNQS1607 STRUCTURE OF A UNIX DATABASE FILE SYSTEM
 UNSA1552 PACKET MANIPULATION LANGUAGE USER'S MANUAL
 ROCHKIND, MARC J. UNSA1461 YADS - YET ANOTHER DATABASE SYSTEM
 ROCHKIND, M. J. UNSU1156 A GENERALIZED DATA ENTRY SYSTEM
 ROGAN, R. E. UNOS1346 NFTS: TOOLS FOR PROCESSING DATA WITH NAMED FIELDS
 ROOME, W. D. UNOS1379 COSIX FILE MANAGEMENT (FM) COMMAND-SOFTWARE DEVELOPMENT AND CONTROL FACILIT
 UNOS1194 SETTING UP PWB/UNIX (I.1)
 UNOS1422 DIRECT II VAX PERFORMANCE IMPROVEMENT ESTIMATES
 UNSA1412 DIRECT II IN-CORE TABLES: USER'S GUIDE
 UNSA1539 IN-CORE TABLE SEARCH FUNCTIONS
 ROSENTHAL, V. H. UNSA1381 THE USC UNIX STOCKROOM
 ROSIN, R. F. UNED1174 REFERENCE SHEET FOR PWB/MM MACROS
 ROVEGNO, H. D. UNPL1199 "--INTRODUCTION TO SOFTWARE" - A VIDEOTAPE COURSE
 ROWLAND, B. R. UNPL1166 MAC-8 C FOR BEGINNERS
 RUBINSTEIN, P. I. UNPL1467 CHANGES TO C AND THE PORTABLE C COMPILER - ISSUE 1
 UNPL1488 RECENT CHANGES TO C
 RUBINSTEIN, P. I. UNSA1502 DIRECT II DATA BASE INDICES
 RUBIN, S. M. UNSA1593 A VIRTUAL FIELD GENERATOR FOR A FIELDED DATA BASE
 RUGABER, S. UNED1553 A FILESYSTEMLESS UNIX FOR THE Z80 MICROPROCESSOR
 RUSH, R. A. UNOS1516 XE - A SCREEN EDITOR FOR UNIX
 RUSSELL, D. L. UNOS1661 A SIMPLIFIED FRONT-END FOR SCCS
 RYAN, D. R. UNOS1562 UNIX RELEASE 4.0 - HIGHLIGHTS OF CHANGES TO COMMANDS
 SABSEVITZ, A. L. UNOS1713 VIRTUAL CIRCUITS IN A MULTIPLE UNIX SYSTEM
 UNOS1562 UNIX/370 CONVERSION GUIDE
 SABSEVITZ, A. L. UNOS1403 PWB/UNIX EDITION 2.0 PREPARATION
 UNOS1087 GUIDE TO IBM REMOTE JOB ENTRY FOR PWB/UNIX USERS (8.12)
 UNOS1198 PWB/UNIX RJE ADMINISTRATOR'S GUIDE (I.8)
 UNOS1382 UNIX/TS AUGMENTED TASK FORCE REPORT
 SALCHENBERGER, S. M. UNPL1101 A REGULAR EXPRESSION WATCHER FOR THE C LANGUAGE
 SALEMI, C. A. UNOS1529 SHELL COMMANDS FOR RELATIONAL OPERATIONS ON FIELDED FILES (SCROFF)
 SAVOLAINEN, C. G. UNOS1367 SOURCE CODE CONTROL SYSTEM USER'S GUIDE
 SCANLON, E. F. UNOS1582 PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR SATELLITE NETWO
 UNMA1711 UNIX EQUIPMENT TEST PACKAGE RELEASE 2.0 VAX 11/780 OPERATIONAL PROCEDURES

SCHAN, E. P. UNOS1472
 SCHMIDT, E. UNPL1061
 SCHUYLER, S. T. UNOS1233
 SCRIBNER, N. M. UNSA1342
 SCROCCA, C. UNSA1322
 SCUSSEL, C. UNED1112
 SEIDE, S. B. UNSA1313
 SETHI, R. UNHA1710
 SHANAHAN, J. M. UNPL1393
 SHANNON, M. J. UNED1386
 SHARKO, N. UNSS1469
 SHARMA, D. K. UNSA1283
 SHERBON, W. E. UNSA1414
 SHIFERSTEIN, A. UNED1650
 SHIRTZ, A. L. UNED1685
 SHLIFERSTEIN, A. UNED1707
 SHOPIRO, J. E. UNPL1530
 SIEVER, J. D. UNHA1347
 SMITH, A. O. UNSA1598
 SMITH, B. L. UNHA1181
 SMITH, D. W. UNSA1597
 SMITH, M. L. UNSU1727
 SMITH, N. W. UNSU1219
 SNYDER, G. A. UNSS1663
 STARK, E. W. UNED1373
 STEFFEN, J. L. UNED1098
 STENSGAARD, R. UNED1115
 STORER, J. A. UNED1179
 STORM, A. R. UNED1190
 STORM, N. E. UNED1192
 STRAUSS, S. H. UNED1216
 STROM, B. I. UNSA1635
 STROM, B. IVAN UNED1191
 STROUSTRUP, B. UNED1300
 STUCK, B. W. UNED1628
 STUCK, J. C. SELBO B. UNSC1485
 STURMAN, J. N. UNOS1244
 STURZENBECKER, MARTIN C. UNED1117
 SULLIVAN, P. D. UNSU1641
 SURKO, P. UNHA1299
 SWANSON, G. K. UNSA1595
 SWIFT, R. E. UNOS1338
 Tague, B. A. UNPM1110
 TARANTINO, L. A. UNSU1219
 TARTARONE, S. A. UNSA1590
 TARTARONE, STUART A. UNED1613
 THOMPSON, J. S. UNOS1457
 THOMPSON, K. UNSA1594
 THOMPSON, T. J. UNGS1570
 TING, A. C. UNPL1728
 TING, D. W. UNPL1730
 TURMAN, J. N. UNPL1018
 UNSU1215
 UNOS1167
 UNSA1428
 UNOS1204
 UNPL1204
 UNHA1711
 UNSU1168
 UNSU1118
 UNSA1357
 UNED1082
 UNOS1008
 UNOS1259
 UNOS1608
 UNPM1014
 UNSA1617
 UNSA1618
 UNSA1374
 UNOS1230
 UNOS1238
 UNOS1238
 UNOS1241
 UNOS1257
 UNOS1264

MULTIPROCESSOR OVERVIEW
 LEX - A LEXICAL ANALYZER GENERATOR
 TIMING TESTS OF THE UNIGRAPHIX GRAPHICS SYSTEM RUNNING ON A DEC PDP-11/70 UN
 A SOFTWARE ARCHITECTURE FOR PROVIDING A GRAPHICS SYSTEM DEVELOPMENT WORKBENCH
 FUNCTIONAL OPERATION OF THE RECENT CHANGE MEMORY ADMINISTRATOR
 NEW GRAPHIC SYMBOLS FOR EQN AND NEQN (T.8)
 BASIC-16 PROSPECTUS
 TERMINAL MONITORING SETUP
 SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 0: PRELUDE
 SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 1: STATEMENTS
 SEMANTICS OF THE C PROGRAMMING LANGUAGE, PART 2: DECLARATIONS
 FINAL REPORT: SECRETARIAL WORD PROCESSING FACILITY ENHANCEMENT
 POP11DH NOISE ON UNTERMINATED LINES
 SPS PROTOCOL IMPLEMENTED FOR DZ11 UNDER MERT RELEASE 0.1
 COMPUTER ASSISTED COMMUNICATION SYSTEM
 DIRECTORY ASSISTANCE OPERATOR WORK TIME EXPLORATORY DATA ANALYSIS
 TEC REFERENCE MANUAL
 TEC INSTALLATION MANUAL
 THE DISPLAY TEXT EDITOR TEC: A CASE STUDY IN THE DESIGN AND IMPLEMENTATION OF
 DOC: A DIALECT OF THE PROGRAMMING LANGUAGE C
 EVALUATION OF MICROPROCESSORS SUPPORTING THE C LANGUAGE: LSI-11, MAC-8, Z80
 A DEVICE DRIVER FOR THE RAMTEK 9400 COLOR RASTER GRAPHICS SYSTEM UNDER THE UNIX
 UNIX LINK TO MBS LINE PRINTER AND COMPUTER CENTER SERVICES
 A "C" BASED SOFTWARE INTERFACE PACKAGE FOR THE RAMTEK 9400 CO RASTER GRAPHIC
 DSIS - A DATABASE SYSTEM WITH INTERRELATIONAL SEMANTICS
 UNIX MICROCOMPUTER CONTROL OF APPARATUS, MACHINERY, AND EXPERIMENTS
 EXPANDED TEXT SPEC FOR THE PDP 11/70
 PORTING THE ADAPT DATA TRANSLATION SYSTEM TO THE IBM 370
 PWB/MM - PROGRAMMER'S WORKBENCH MEMORANDUM MACROS (T.2)
 NROFF/TROFF FORMATTING CODES FOR DEPARTMENTAL ORGANIZATION DIRECTORIES ON PWB
 NEW TEXT FORMATTING SOFTWARE FOR THE PWB SYSTEMS
 TYPING DOCUMENTS WITH PWB/MM (T.3)
 PWB/UNIX VIEW GRAPH AND SLIDE MACROS (T.3)
 SUMMARY OF PWB/MM MACROS, STRINGS, AND REGISTERS (T.2)
 DAILY ACCOUNTING PROCEDURES FOR PWB OPERATIONS
 PWB/MM TUTORIAL (T.4)
 ATS TO PWB/MM CONVERTER
 USER GUIDE FOR THE CSDO ADAPTER MACRO PACKAGE
 UNIX/TS DOCUMENTATION ROAD MAP
 SHCWT - A TOOL FOR SHELL CONVERSION
 SYSTEM FOR ENTERING DATA THROUGH COMPUTER DISPLAYED FORMS
 CTRACE AND LTRACE - C AND LEX PROGRAM DEBUGGING TOOLS
 POWER SUPPLY CONTROLLER USING A MAC 8 MICRO PROCESSOR
 BRIDGE: A UNIX EXPERIMENT FOR HOME COMPUTER SERVICES
 A WORKSHOP ON REBOOTING THE UNIX TIME-SHARING SYSTEM
 INSTRUCTIONS FOR GRAP, TEK, TEXTRATE AND GSIP GRAPHICS PACKAGES.
 UNIX MICROCOMPUTER CONTROL OF APPARATUS, MACHINERY, AND EXPERIMENTS
 UNIX/CN CHANGE MANAGEMENT PROCEDURES
 CHANGE MANAGEMENT SYSTEM DESIGN AND PHILOSOPHY
 CHANGE MANAGEMENT AUTOMATIC SCCS SIMPLE INTERFACE (CASSI)
 PWB/UNIX BEGINNER'S COURSE (B.2)
 COMPUTER BUFFERED INFORMATION EXCHANGE USER'S GUIDE
 REIMPLEMENTATION OF CSIE (THE COMPUTER BUFFERED INFORMATION EXCHANGE) UNDER
 USAGE AND PERFORMANCE EVALUATION OF A COMPUTER CONFERENCING SYSTEM
 COMPUTER CONFERENCING - PAST, PRESENT, AND FUTURE
 CLASSES: AN ABSTRACT DATA TYPE FACILITY FOR THE C LANGUAGE
 EXTENSIONS OF THE C LANGUAGE TYPE CONCEPT
 A SET OF C CLASSES FOR CO-ROUTINE STYLE PROGRAMMING
 USING A LINE CLOCK TO ESTIMATE MEAN DISK ACCESS TIME
 CNCC UNIX PROJECT PERFORMANCE MEASUREMENTS, PROJECTIONS AND ENHANCEMENTS
 ENGINEERING AND DATA ACQUISITION SYSTEM/NETWORK MANAGEMENT (EADAS/NM) CAPACI
 PERFORMANCE ASSESSMENT OF CUSTOMER SERVICE AND ADMINISTRATIVE CONTROL CENTER
 PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR LOCP MAINTENANC
 AN ANALYTIC MODEL FOR DISTRIBUTED COMPUTER PERFORMANCE EVALUATION
 FUNCTIONAL OPERATION OF THE RECENT CHANGE MEMORY ADMINISTRATOR
 DIRECTORY ASSISTANCE OPERATOR WORK TIME EXPLORATORY DATA ANALYSIS
 PRELIMINARY REAL TIME LISTING RETRIEVAL (RTLR) FIELD STUDY PERFORMANCE ANALY
 PRELIMINARY RELIABILITY AND TRAFFIC PERFORMANCE ANALYSIS FOR SATELLITE NETWO
 MVIEW - A SET OF MACROCOMMANDS FOR THE GENERATION OF VIEW GRAPHS
 LSX PERFORMANCE
 QUE: A UNIX-LIKE EXECUTIVE FOR THE Z80 MICROPROCESSOR
 AUTOMATIC CONFIGURATION OF CS UNIX SOFTWARE
 RELATIONAL QUERIES ON HIERARCHICAL DATA - AN EXPERIMENT
 HISEL USER'S GUIDE
 GRAFPAC/PR80 - A C VERSION OF DEFERRED GRAFPAC UNDER THE UNIX TIME-SHARING S
 RXD-11D: TWO PROGRAMS TO GENERATE UNIX-COMPATIBLE MAGNETIC TAPES
 CM, A UNIX DRIVER FOR THE MINITAPE SYSTEM
 DOCUMENTATION OF MINICOMPUTER PRODUCT TRIALS
 C LANGUAGE PORTABILITY
 C LANGUAGE PORTABILITY
 UNIX EQUIPMENT TEST PACKAGE RELEASE 2.0 VAX 11/780 OPERATIONAL PROCEDURES
 A CONSOLE CONTROLLED INTERFACE BETWEEN AN INTELLEC MDS AND A TIME-SHARED COM
 UNIX-INTELLEC MDS INTERFACE
 A GENERAL PURPOSE ASSEMBLER
 WEBSTER'S SECOND ON THE HEAD OF A PIN
 THE UNIX TIME-SHARING SYSTEM
 PASSWORD SECURITY: A CASE HISTORY
 UNIX IMPLEMENTATION
 UNIX PROGRAMMER'S MANUAL - SIXTH EDITION
 DESIGNER'S WORKBENCH - PROVIDING A PRODUCTION ENVIRONMENT
 DESIGNER'S WORKBENCH - THE PROGRAMMER ENVIRONMENT
 A DATA-BASE MANAGEMENT SYSTEM UNDER MERT
 PORT - A NEW INTER-PROCESS COMMUNICATION FACILITY UNDER UNIX
 MOVING SYSTEM I/O BUFFERS OUT OF UNIX DATA ADDRESS SPACE
 OPTIMIZING PROCESS CREATION AND TERMINATION MECHANISMS IN UNIX
 ASYNCHRONOUS I/O FACILITIES FOR RAW BLOCK DEVICES UNDER UNIX
 ENLARGING PDP-11 UNIX TABLE SPACE USING SUPERVISOR MODE
 A CORE-RESIDENT UNIX SYSTEM FOR PDP-11'S

TING, D. W.	UNOS1303 UNOS1411 UNSD1363 UNSU1876 UNSA1350 UNSA1438 UNSU1540 UNSA1350 UNSA1727 UNPL1260 UNCS1551 UNCS1568 UNMA1242 UNHA1330 UNSU1553 UNSU1574 UNED1497 UNED1138 UNED1170 UNHA1365 UNOS1162 UNOS1277 UNCS1358 UNOS1359 UNCS1493 UNPL1250 UNSD1C37 UNSD1046 UNSD1088 UNSD1162 UNSU1294 UNMA1046 UNCS1371 UNMA1347 UNCS1688 UNOS1197 UNOS1302 UNED1317 UNHA1226 UNOS1194 UNOS1320 UNPL1225 UNOS1346 UNPL1266 UNPL1248 UNOS1251 UNSU1668 UNED1479 UNOS1428 UNOS1556 UNSU1617 UNSA1551 UNSA1341 UNSA1667 UNOS1501 UNPL1584 UNPL1063 UNCS1499 UNSU1587 UNOS1336 UNCS1656 UNSU1219 UNSA1486 UNSU1238 UNNA1683 UNSA1471 UNSA1549 UNOS1688 UNSA1387 UNSA1519 UNPL1723 UNSU1208 UNSU1578 UNSA1234 UNSU1168 UNED1188 UNED1184 UNCS1076 UNOS1077 UNSD1291 UNSA1637 UNSA1638 UNED1107 UNHA1107 UNOS1107 UNPL1107 UNPM1107 UNSD1107 UNSU1107 UNSU1609 UNPL1681	INTER-PROCESS COMMUNICATIONS FACILITY FOR TRANSACTION ORIENTED UNIX SYSTEMS A REMOTE FILE SYSTEM DRIVER FOR UNIX A PUBLIC LIBRARY FACILITY FOR THE UNIX TIME-SHARING SYSTEM A RECORD INPUT/OUTPUT SYSTEM A MICRO-DEMS FOR A DISTRIBUTED DATA BASE UNITY - A SMALL DEMS FOR A UNIX ENVIRONMENT LIMBO - AN ARCHIVE FACILITY FOR UNIX FILES ON IBM MASS STORAGE A MICRO-DEMS FOR A DISTRIBUTED DATA BASE DSIS - A DATABASE SYSTEM WITH INTERRELATIONAL SEMANTICS CMDNO -- A ROUTINE TO HANDLE COMMAND LINE PARSING A DISTRIBUTED UNIX SYSTEM A UNIX DIAGRAM NETWORK A UNIX DEVICE DRIVER FOR THE PCL111-A - A PARALLEL INTERPROCESSOR COMMUNICATI THE TANDEM COMPUTER SYSTEM - A FIRST LOOK AN INTEGRATED SYSTEM FOR MICROPROCESSOR SUPPORT FILE TRANSFERS FOR MOTIS: TSS-UNIX-HARRIS WRITING TOOLS - THE STYLE AND DICTION PROGRAMS EASY PHOTOPRESET VIEW GRAPHS ON UNIX FORMATTING PROGRAM GENERIC DOCUMENTS ON UNIX STANDARD UNIX CONFIGURATIONS - ISSUE 2 THE UNIX OPERATING SYSTEM - PG-1C300 UNIX COURSES UNIX COMMAND SYNTAX UNIX/T3 ALARM FACILITY UNIX SPECIFICATION - FILE SYSTEM RELATED SYSTEM CALLS 8080/280 ASSEMBLER REFERENCE MANUAL REFERENCING STANDARD UNIX DOCUMENTATION 8080/280 ASSEMBLER REFERENCE MANUAL REFERENCING STANDARD UNIX DOCUMENTATION UNIX SUPPORT CLASSIFICATIONS FOR PG-1C300 - ISSUE 2 PROGRAM GENERIC CONTROL AND DOCUMENTATION ON UNIX THE UNIX OPERATING SYSTEM - PG-1C300 UNIX STANDARDIZATION SUBCOMMITTEE PROPOSED ARCHIVING FACILITY A CONTINUOUS SERVICE REAL TIME CLOCK FOR DIGITAL COMPUTERS OPD: UNIX - HONEYWELL INTERFACE PROGRAMS EVALUATION OF MICROPROCESSORS SUPPORTING THE C LANGUAGE: LSI-11, MAC-6, Z80 SDS/NET - AN INTERACTIVE DISTRIBUTED OPERATING SYSTEM REPAIRING DAMAGED PWB/UNIX FILE SYSTEMS (1.4) EXERCISES IN REPAIRING PWB/UNIX FILE SYSTEMS UNIED - A DATA FILE EDITOR DESCRIPTION AND ANALYSIS OF THE DEC KMC11 MICROPROCESSOR SETTING UP PWB/UNIX (1.1) SETTING UP UNIX/T3 ASSEMBLER FOR THE DEC KMC11 MICROPROCESSOR AN ESSAY IN COMPUTER SECURITY: DECRYPTING A FORMER UNIX CRYPT AWK - A PATTERN SCANNING AND PROCESSING LANGUAGE (SECOND EDIT A PORTABLE FORTRAN 77 COMPILER DECENTRALIZED TRANSACTION CONTROL AND CRASH RECOVERY UNIX B-TREES AN INTRODUCTION TO THE PWB/MM TEXT FORMATTER DIVISION 56 UNIX COURSE SOURCE CONTROL - TOOLS = STABLE SYSTEMS USE OF SLISTS IN A DEVELOPMENT ENVIRONMENT MULCA - MODULAR UNIX BASED LANGUAGE AND GRAPHIC AID FOR THE STRUCTURED DESIC AN INTELLIGENT FAST COLOR DISPLAY EMU - A SIMPLE MOS TIMING SIMULATOR A DEVICE INTERFACE FOR THE SANDERS GRAPHIC7 TERMINAL UNDER UNIX DNAN: A DATA MANIPULATION LANGUAGE A DESCRIPTION OF HOW UNIX FORTRAN WORKS A SHELL OPERATOR FOR INTER-MACHINE COMMUNICATION CIRCULARLY CONNECTED PROCESS PIPELINES A WORKSHOP ON REBOOTING THE UNIX TIME-SHARING SYSTEM SOURCE CONTROL - TOOLS = STABLE SYSTEMS UNIX MICROCOMPUTER CONTROL OF APPARATUS, MACHINERY, AND EXPERIMENTS TERSE - A TECHNIQUE FOR REPORTING ON SMALL DATA BASES A SYSTEM TESTING TECHNIQUE USING A UNIVERSAL LEAP SCRIPT REMOTE ACCESS TO AN ELECTRONIC COMPUTER CONSOLE A GRAPHICS LANGUAGE FOR TYPESETTING HI - PLUS SDS/NET - AN INTERACTIVE DISTRIBUTED OPERATING SYSTEM SYSTIC ON F4P-UNIX - USER'S GUIDE AN OPERATIONAL ANALYSIS STUDY OF UNIX/370 SANLANG - A LANGUAGE FOR CHECKING DATA CONSISTENCY A LEXICOGRAPHIC MULTIKEY SORT PROGRAM ZSGRT A RECORD INPUT/OUTPUT SYSTEM INTERPROCESS COMMUNICATION MECHANISMS IN CB-UNIX A CONSOLE CONTROLLED INTERFACE BETWEEN AN INTELLEC MOS AND A TIME-SHARING COM PWB/UNIX BEGINNER'S COURSE (8.2) A COMPUTER ASSISTED COMMUNICATION SYSTEM, (CACS) LKOUT - A NEW UNIX SYSTEM CALL TO SUSPEND AND RESUME INPUT FROM USER TERMINA UNIX DH-11 DRIVER TO SUPPORT BOTH TELETYPEWRITER AND DATASPEED 40 TIMESHARING RECOMMENDATIONS FOR A COMPANY-WIDE UNIX EDUCATION PROGRAM AN OVERVIEW OF THE AREA 50 PWB/UNIX ACCOUNTING SYSTEM DAILY ACCOUNTING PROCEDURES FOR PWB OPERATIONS PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON 50 PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON 50 PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON 50 PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON 50 PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON 50 PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON 50 PROGRAMMER'S WORKBENCH PAPERS FROM THE SECOND INTERNATIONAL CONFERENCE ON 50 INTRODUCING MFS, A C PROGRAM THAT FACILITATES THE DEFINITION OF MFS SCREENS BRAVISH: A MULTI-TASKING FACILITY FOR THE C LANGUAGE
-------------	--	---