



1040
AP
Bell Laboratories

subject: UNIX Operating System Generic
Program - PG-1C300 Issue 1

date: November 18, 1974

from: G. C. Vogel

MEMORANDUM FOR FILE

Issue 1 of the UNIX Operating System Generic Program - PG-1C300 has been issued to Western Electric. Appendix A contains the Program Document Index (PG), that provides a list of program documents associated with the generic program and the issue of the documents that applies to each issue of the generic program. Documents in this index may be referenced by following the procedures defined in "Referencing Standard UNIX Documentation" by G. C. Vogel, dated August 23, 1974. PG-1C300 documents are referenced by document number and issue number.

Procedures for referencing individual pidents within PR documents are also defined. Appendix B contains the Program Listing Index sheet from each of the Program Listing (PR) documents in PG-1C300. All standard UNIX PR documents have the suffix -01. If pidents are added, modified or deleted from one of the standard UNIX PR documents, a new PR document may be issued using the same base number but with a new suffix. Pidents that remain the same in the new PR document are listed as they appeared in the standard UNIX PR document. Modified or new pidents are given new names. Projects planning to issue modified UNIX PRs should contact the author for assignment of a unique suffix.

PG-1C300 consists exclusively of PR documents at the present time. The following Program Description (PD) documents are scheduled for completion by June 1975:

HEADER FILES	PD-1C300-01
OPERATING SYSTEM	PD-1C301-01
DEVICE DRIVERS SEC. 1	PD-1C302-01
DEVICE DRIVERS SEC. 2	PD-1C303-01
DEC/MAG TAPE MANIPULATION	PD-1C311-01
UNIX COMMANDS SEC. 1	PD-1C313-01
UNIX COMMANDS SEC. 2	PD-1C314-01
UNIX COMMANDS SEC. 3	PD-1C315-01
UNIX COMMANDS SEC. 4	PD-1C316-01

UNIX COMMANDS SEC. 5	PD-1C317-01
UNIX COMMANDS SEC. 6	PD-1C318-01
UNIX C SUBROUTINES SEC. 1	PD-1C321-01
UNIX C SUBROUTINES SEC. 2	PD-1C322-01
UNIX C SUBROUTINES SEC. 3	PD-1C323-01
UNIX C SUBROUTINES SEC. 4	PD-1C324-01
UNIX C SUBROUTINES SEC. 5	PD-1C325-01
UNIX C SUBROUTINES SEC. 6	PD-1C326-01
UNIX C SUBROUTINES SEC. 7	PD-1C327-01
MACHINE DEC CODE	PD-1C340-01

The PDs for the Operating System, C Compiler, and important commands will contain information to help system programmers understand and modify sections of the operating system. The remainder of the PDs will be similar in content to the corresponding sections of the UNIX Programmers Manual.

Projects planning to issue UNIX PRs should take notice of the trade secret restrictive notice that appears on the PG and PR Index sheets. This notice is not the same as appears on form E-8454 (12-66). Mr. S. J. Phillips of the Patent Division has recommended that the trade secret restrictive notice be amended to read as follows:

THE CONTENT OF THIS MATERIAL IS PROPRIETARY AND CONSTITUTES A TRADE SECRET. IT IS FURNISHED PURSUANT TO WRITTEN AGREEMENTS OR INSTRUCTIONS LIMITING THE EXTENT OF DISCLOSURE. ITS FURTHER DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF WESTERN ELECTRIC COMPANY, INCORPORATED, IS PROHIBITED.

A system of nroff macros and shell command files has been developed to automatically generate PR documents in standard Bell System Program Documentation format. This system will be described in a future memorandum. Copies of the macros and procedures may be obtained from the author.

Copies of the documents in PG-1C300 may be obtained through Engineering Records. Initially all documents will be available on paper only. However, preparations are being made to put all documents in PG-1C300 on microfiche. The UNIX Operating System Generic Program is scheduled to be available on microfiche by January 1975. Microfiche copies of the Program Generic will be produced by the UNIX Support Group and distributed through the Computing Information Library.

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I would like to thank Miss I. A. Winheim and Mrs. C. D. Perez for their assistance in preparing and editing the command files used to generate the PR documents and Mr. N. A. Spence for generating and proofreading the final documents.

Gerald C. Vogel

G. C. Vogel

MH-8234-GCV-nroff

Copy (with att.) to
MERCURY Category - UNSD
UNIX Support Group
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APPENDIX A

UNIX OPERATING SYSTEM

INDEX OF GENERIC PROGRAM DOCUMENTS

PG-1C300 ISSUE 1 11/15/74

BELL TELEPHONE LABORATORIES, INCORPORATED

COMMON SYSTEMS
UNIX OPERATING SYSTEM
INDEX OF GENERIC PROGRAM DOCUMENTS

ISSUE 1
11/15/74

AT&T CO
SPCS

PG-1C300
4 PAGES

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PRINTED IN U.S.A.

DESCRIPTION	DOCUMENT NUMBER	ISSUE
GENERIC PROGRAM	PG-1C300	1
HEADER FILES	PR-1C300-01 PD-1C300-01	1 -
OPERATING SYSTEM	PR-1C301-01 PD-1C301-01	1 -
DEVICE DRIVERS SEC. 1	PR-1C302-01 PD-1C302-01	1 -
DEVICE DRIVERS SEC. 2	PR-1C303-01 PD-1C303-01	1 -
ASSEMBLER SOURCE	PR-1C304-01 PD-1C304-01	1 -
BASIC SOURCE	PR-1C305-01 PD-1C305-01	1 -
DEBUG SOURCE	PR-1C306-01 PD-1C306-01	1 -
DESK CALCULATOR AND EDITOR	PR-1C307-01 PD-1C307-01	1 -
FORM LETTER EDITOR	PR-1C308-01 PD-1C308-01	1 -
FORM LETTER GENERATOR	PR-1C309-01 PD-1C309-01	1 -
LOADER SOURCE	PR-1C310-01 PD-1C310-01	1 -
DEC/MAG TAPE MANIPULATION	PR-1C311-01 PD-1C311-01	1 -
FLOATING POINT INTERPRETER	PR-1C312-01 PD-1C312-01	1 -
UNIX COMMANDS SEC. 1	PR-1C313-01 PD-1C313-01	1 -
UNIX COMMANDS SEC. 2	PR-1C314-01 PD-1C314-01	1 -
UNIX COMMANDS SEC. 3	PR-1C315-01 PD-1C315-01	1 -
UNIX COMMANDS SEC. 4	PR-1C316-01 PD-1C316-01	1 -

DESCRIPTION	DOCUMENT NUMBER	ISSUE
UNIX COMMANDS SEC.5	PR-1C317-01 PD-1C317-01	1 -
UNIX COMMANDS SEC.6	PR-1C318-01 PD-1C318-01	1 -
UNIX ASSEMBLER SUBROUTINES SEC.1	PR-1C319-01 PD-1C319-01	1 -
UNIX ASSEMBLER SUBROUTINES SEC.2	PR-1C320-01 PD-1C320-01	1 -
UNIX C SUBROUTINES SEC.1	PR-1C321-01 PD-1C321-01	1 -
UNIX C SUBROUTINES SEC.2	PR-1C322-01 PD-1C322-01	1 -
UNIX C SUBROUTINES SEC.3	PR-1C323-01 PD-1C323-01	1 -
UNIX C SUBROUTINES SEC.4	PR-1C324-01 PD-1C324-01	1 -
UNIX C SUBROUTINES SEC.5	PR-1C325-01 PD-1C325-01	1 -
UNIX C SUBROUTINES SEC.6	PR-1C326-01 PD-1C326-01	1 -
UNIX C SUBROUTINES SEC.7	PR-1C327-01 PD-1C327-01	1 -
C COMPILER	PR-1C328-01 PD-1C328-01	1 -
FORTRAN COMPILER PASS 1	PR-1C329-01 PD-1C329-01	1 -
FORTRAN COMPILER PASS 2	PR-1C330-01 PD-1C330-01	1 -
FORTRAN COMPILER PASS 3	PR-1C331-01 PD-1C331-01	1 -
FORTRAN COMPILER PASS 4	PR-1C332-01 PD-1C332-01	1 -
FORTRAN COMPILER SUBROUTINES	PR-1C333-01 PD-1C333-01	1 -

DESCRIPTION	DOCUMENT NUMBER	ISSUE
FORTRAN INPUT OUTPUT	PR-1C334-01 PD-1C334-01	1 -
FORTRAN RUNTIME PARTS	PR-1C335-01 PD-1C335-01	1 -
FORTRAN ARITHMETIC FUNCTIONS	PR-1C336-01 PD-1C336-01	1 -
FORTRAN RUNTIME FUNCTIONS	PR-1C337-01 PD-1C337-01	1 -
FORTRAN FUNCTIONS INTEGER	PR-1C338-01 PD-1C338-01	1 -
FORTRAN RUNTIME PASS 2 FUNCTIONS	PR-1C339-01 PD-1C339-01	1 -
MACHINE DEC CODE	PR-1C340-01 PD-1C340-01	1 -

APPENDIX B

UNIX OPERATING SYSTEM

PROGRAM LISTING (PR) INDEX SHEETS

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C300-01 INDEX	1	
PR-1C300 PIDENT	1	
BUF01 (2 PAGES)	1	SYSTEM BUFFER HEADER
CONF01 (1 PAGES)	1	SYSTEM CONFIGURATION HEADER
FILE01 (1 PAGES)	1	SYSTEM FILE HEADER
FILSYS01 (1 PAGES)	1	FILE SYSTEM HEADER
INODE01 (2 PAGES)	1	I-NODE HEADER
PARAM01 (2 PAGES)	1	PARAMETER HEADER
PROC01 (1 PAGES)	1	PROCESS HEADER
REG01 (1 PAGES)	1	REGISTER HEADER
SEG01 (1 PAGES)	1	SEGMENTATION HEADER
SYSTM01 (1 PAGES)	1	SYSTEM HEADER
TEXT01 (1 PAGES)	1	TEXT HEADER
TTY01 (2 PAGES)	1	TYPEWRITER HEADER
USER01 (2 PAGES)	1	USER FILE HEADER
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BELL TELEPHONE LABORATORIES, INCORPORATED		COMMON SYSTEMS
		UNIX OPERATING SYSTEM
		HEADER FILES
		ISSUE 1
		11/15/74
		AT&T CO.
		SPCS
		PR-1C300-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C301-01 INDEX	1	
PR-1C301 PIDENT	1	
ALLOC01 (6 PAGES)	1	DISK ALLOCATOR
CLOCK01 (4 PAGES)	1	SYSTEM CLOCK
FIO01 (4 PAGES)	1	FILE I/O
IGET01 (4 PAGES)	1	I-NODE INTERFACE
MAIN01 (5 PAGES)	1	MAIN
NAMIO1 (4 PAGES)	1	FILE NAME STRING INTERPRETER
PRF01 (3 PAGES)	1	PRINT FACILITY
RDMRIO1 (4 PAGES)	1	READ/WRITE I-NODE
SIG01 (3 PAGES)	1	SIGNAL
SLP01 (8 PAGES)	1	PROCESS SWITCHING
SUBR01 (4 PAGES)	1	SYSTEM SUBROUTINES
SYS101 (8 PAGES)	1	SYSTEM ROUTINES PART 1
SYS201 (6 PAGES)	1	SYSTEM ROUTINES PART 2
SYS301 (4 PAGES)	1	SYSTEM ROUTINES PART 3
SYS401 (6 PAGES)	1	SYSTEM ROUTINES PART 4
SYSENT01 (2 PAGES)	1	TABLE OF SYSTEM ENTRY POINTS
TEXT01 (3 PAGES)	1	SHARED PROGRAM
TRAF01 (4 PAGES)	1	TRAP HANDLER
THE CONTENT OF THIS MATERIAL IS PROPRIETARY AND CONSTITUTES A TRADE SECRET. IT IS FURNISHED PURSUANT TO WRITTEN AGREEMENTS OR INSTRUCTIONS LIMITING THE EXTENT OF DISCLOSURE. ITS FURTHER DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF WESTERN ELECTRIC COMPANY, INCORPORATED, IS PROHIBITED.		
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	5. THE LAST ISSUE NUMBER OF THIS INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DOCUMENT AS A WHOLE.	OPERATING SYSTEM
BELL TELEPHONE LABORATORIES, INCORPORATED		AT&T CO. SPCS
		PR-1C301-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C302-01 INDEX	1	
PR-1C302 PIDENT	1	
B1001 (10 PAGES)	1	BLOCK I/O
CAT01 (2 PAGES)	1	PHOTOTYPESETTER INTERFACE
DC01 (5 PAGES)	1	LC-11 COMMUNICATIONS INTERFACE
DH01 (5 PAGES)	1	CH-11 COMMUNICATIONS MULTIPLEXER
DHDM01 (2 PAGES)	1	DHDM MODEM CTL INTERFACE
DHDM01 (1 PAGES)	1	DHDM NULL MODEM CTL INTERFACE
DN01 (3 PAGES)	1	DN-11 ACU INTERFACE
DP01 (5 PAGES)	1	DP-11 201 SYNCHRONOUS INTERFACE
DRAA01 (2 PAGES)	1	DR-11AA INTERFACE
KL01 (3 PAGES)	1	KL-11 OR DL-11 ASYNCHRONOUS INTERFACE
LP01 (5 PAGES)	1	LINE PRINTER INTERFACE
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COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
DEVICE DRIVERS SEC.1		AT&T CO. SPCS
		PR-1C302-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C303-01 INDEX	1	MEMORY ALLOCATOR
PR-1C303 PIDENT	1	CORE MEMORY
MALLOC01 (2 PAGES)	1	TABLE OF TTY PARAMETERS
MEM01 (2 PAGES)	1	FC-11 PAPER TAPE READ/PUNCH INTERFACE
PARTAB01 (1 PAGES)	1	INTER PROCESS CHANNEL
PC01 (4 PAGES)	1	RF11/RS11 FIXED HEAD DISK FILE
PIPE01 (3 PAGES)	1	RK-11/RK03(05) DISK INTERFACE
RF01 (3 PAGES)	1	RP-11/RP03 MOVING HEAD DISK INTERFACE
RK01 (3 PAGES)	1	TC-11/TU56 DEC TAPE INTERFACE
RP01 (4 PAGES)	1	SPIDER INTERFACE
TC01 (4 PAGES)	1	TM-11/TU-10 MAG. TAPE INTERFACE
TIU01 (12 PAGES)	1	GENERAL TYPEWRITER SUBROUTINES
TM01 (5 PAGES)	1	VOICE SYNTHESIZER INTERFACE
TTY01 (10 PAGES)	1	11/20 (VT01) INTERFACE
VS01 (3 PAGES)	1	
VT01 (2 PAGES)	1	
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BELL TELEPHONE LABORATORIES, INCORPORATED		
		ISSUE 1
		11/15/74
		AT&T CO. SPCS
		PR-1C303-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C304-01 INDEX	1	
PR-1C304 PIDENT	1	
AS1101 (2 PAGES)	1	PASS 1 PART 1 ASSEMBLER
AS1201 (2 PAGES)	1	PASS 1 PART 2 ASSEMBLER
AS1301 (3 PAGES)	1	PASS 1 PART 3 ASSEMBLER
AS1401 (5 PAGES)	1	PASS 1 PART 4 ASSEMBLER
AS1501 (4 PAGES)	1	PASS 1 PART 5 ASSEMBLER
AS1601 (7 PAGES)	1	PASS 1 PART 6 ASSEMBLER
AS1701 (5 PAGES)	1	PASS 1 PART 7 ASSEMBLER
AS1801 (2 PAGES)	1	PASS 1 PART 8 ASSEMBLER
AS1901 (8 PAGES)	1	PASS 1 PART 9 ASSEMBLER
AS2101 (6 PAGES)	1	PASS 2 PART 1 ASSEMBLER
AS2201 (4 PAGES)	1	PASS 2 PART 2 ASSEMBLER
AS2301 (4 PAGES)	1	PASS 2 PART 3 ASSEMBLER
AS2401 (3 PAGES)	1	PASS 2 PART 4 ASSEMBLER
AS2501 (1 PAGES)	1	PASS 2 PART 5 ASSEMBLER
AS2601 (13 PAGES)	1	PASS 2 PART 6 ASSEMBLER
AS2701 (7 PAGES)	1	PASS 2 PART 7 ASSEMBLER
AS2801 (2 PAGES)	1	PASS 2 PART 8 ASSEMBLER
AS2901 (7 PAGES)	1	PASS 2 PART 9 ASSEMBLER
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COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
ASSEMBLER SOURCE		AT&T CO. SPCS
BELL TELEPHONE LABORATORIES, INCORPORATED		PR-1C304-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C305-01 INDEX PR-1C305 PIDENT BAS001 (9 PAGES) BAS101 (7 PAGES) BAS201 (6 PAGES) BAS301 (10 PAGES) BAS401 (5 PAGES) BAS501 (6 PAGES) BASX01 (2 PAGES)	1 1 1 1 1 1 1 1	PART 0 BASIC PART 1 BASIC PART 2 BASIC PART 3 BASIC PART 4 BASIC PART 5 BASIC PART 6 BASIC
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INDEX NOTES		ISSUE 1
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5. THE LAST ISSUE NUMBER OF THIS INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DOCUMENT AS A WHOLE.	COMMON SYSTEMS UNIX OPERATING SYSTEM BASIC SOURCE	PR-1C305-01
BELL TELEPHONE LABORATORIES, INCORPORATED		

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C306-01 INDEX	1	
PR-1C306 PIDENT	1	
DB101 (16 PAGES)	1	PART 1 DEBUG
DB201 (9 PAGES)	1	PART 2 DEBUG
DB301 (8 PAGES)	1	PART 3 DEBUG
DB401 (2 PAGES)	1	PART 4 DEBUG
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COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
DEBUG SOURCE		
		AT&T CO.
		SPCS
BELL TELEPHONE LABORATORIES, INCORPORATED		PR-1C306-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C307-01 INDEX	1	
PR-1C307 PIDENT	1	
DC101 (32 PAGES)	1	PART 1 DESK CALCULATOR
DC201 (8 PAGES)	1	PART 2 DESK CALCULATOR
DC301 (11 PAGES)	1	PART 3 DESK CALCULATOR
DC401 (10 PAGES)	1	PART 4 DESK CALCULATOR
DC501 (9 PAGES)	1	PART 5 DESK CALCULATOR
ED101 (17 PAGES)	1	PART 1 EDITOR
ED201 (13 PAGES)	1	PART 2 EDITOR
ED301 (11 PAGES)	1	PART 3 EDITOR
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BELL TELEPHONE LABORATORIES, INCORPORATED		
COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
DESK CALCULATOR AND EDITOR		
		AT&T CO. SPCS
		PR-1C307-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C308-01 INDEX	1	
PR-1C308 PIDENT	1	
FED101 (3 PAGES)	1	PART 1 EDIT MEM. FOR FORM LETTER
FED201 (12 PAGES)	1	PART 2 EDIT MEM. FOR FORM LETTER
FED301 (8 PAGES)	1	PART 3 EDIT MEM. FOR FORM LETTER
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COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
FORM LETTER EDITOR		AT&T CO. SPCS
		PR-1C308-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C309-01 INDEX	1	
PR-1C309 PIDENT	1	
FORM101 (4 PAGES)	1	PART 1 FORM LETTER
FORM201 (3 PAGES)	1	PART 2 FORM LETTER
FORM301 (4 PAGES)	1	PART 3 FORM LETTER
FORM401 (6 PAGES)	1	PART 4 FORM LETTER
FORM501 (17 PAGES)	1	PART 5 FORM LETTER
FORM601 (11 PAGES)	1	PART 6 FORM LETTER
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CONSON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
FORM LETTER GENERATOR		AT&T CO. SPCS
		PR-1C309-01

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THE CONTENT OF THIS MATERIAL IS PROPRIETARY AND CONSTITUTES A TRADE SECRET. IT IS FURNISHED PURSUANT TO WRITTEN AGREEMENTS OR INSTRUCTIONS LIMITING THE EXTENT OF DISCLOSURE. ITS FURTHER DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF WESTERN ELECTRIC COMPANY, INCORPORATED, IS PROHIBITED.		
INDEX NOTES		COMMON SYSTEMS UNIX OPERATING SYSTEM LOADER SOURCE
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BELL TELEPHONE LABORATORIES, INCORPORATED		PR-1C310-01

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PR-1C311 PIDENT	1				
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TP201 (10 PAGES)	1			PART 2 DEC/MAG TAPE MANIPULATION	
TP301 (12 PAGES)	1			PART 3 DEC/MAG TAPE MANIPULATION	
TP401 (2 PAGES)	1			PART 4 DEC/MAG TAPE MANIPULATION	
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FP101 (10 PAGES)	1	PART 2 FLOATING POINT INTERPRETER
FP201 (5 PAGES)	1	PART 3 FLOATING POINT INTERPRETER
FP301 (8 PAGES)	1	PART 4 FLOATING POINT INTERPRETER
FPX01 (1 PAGES)	1	
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BELL TELEPHONE LABORATORIES, INCORPORATED		ISSUE 1
		11/15/74
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AR01 (13 PAGES)	1		ARCHIVE AND LIBRARY MAINTAINER
CAL01 (5 PAGES)	1		PRINT CALENDAR
CAT01 (2 PAGES)	1		CONCATENATE AND PRINT
CC01 (13 PAGES)	1		C COMPILER
CDB01 (10 PAGES)	1		C DEBUGGER
CHECK01 (12 PAGES)	1		CHECK FILE SYSTEM CONSISTENCY
CHMOD01 (1 PAGES)	1		CHANGE MODE
CHOWN01 (3 PAGES)	1		CHANGE OWNER
CLRI01 (2 PAGES)	1		CLEAR I-NODE
CMF01 (3 PAGES)	1		COMPARE TWO FILES
COMM01 (4 PAGES)	1		PRINT LINES COMMON TO TWO FILES
CP01 (2 PAGES)	1		COPY
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BELL TELEPHONE LABORATORIES, INCORPORATED			

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 LOGIN01 (4 PAGES)
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PRINT AND SET THE DATE
 CONVERT AND COPY A FILE
 DISK FREE
 PART 1 - DIFFERENCE
 PART 2 - DIFFERENCE
 DELETE INTERACTIVELY
 SUMMARIZE DISK USAGE
 INCREMENTAL FILE SYSTEM DUMP
 ECHO ARGUMENTS
 TERMINATE COMMAND FILE
 DISCOVER PRIME FACTORS OF A NUM.
 FORTRAN COMPILER
 DETERMINE FORMAT OF A FILE
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 SET TYPEWRITER MODE
 GENERATE COMMAND ARGUMENTS
 COMMAND TRANSFER
 SEARCH A FILE FOR A PATTERN
 FIND HYPHENATED WORDS
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 I-NODE NUMBER
 TERMINATE A PROCESS
 MAKE A LINK
 SIGN ONTO UNIX
 LINE PRINTER DAEMON
 SPOOL FOR LINE PRINTER
 LIST CONTENTS OF A DIRECTORY

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COMMON SYSTEMS

UNIX OPERATING SYSTEM

UNIX COMMANDS SEC.2

ISSUE 1

11/15/74

AT&T CO.
SPCS

PR-1C314-01

BELL TELEPHONE LABORATORIES, INCORPORATED

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PR-1C315-01 INDEX	1	MAIL TO ANOTHER USER
PR-1C315 PIDENT	1	PERMIT OR DENY MESSAGES
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MSG01 (2 PAGES)	1	MAKE A DIRECTORY OR SPECIAL FILE
MKDIR01 (2 PAGES)	1	MAKE PROTO
MKFS01 (11 PAGES)	1	MOUNT FILE SYSTEM
MKNOD01 (1 PAGES)	1	MINI-SHELL
MKPT01 (6 PAGES)	1	MOVE OR RENAME A FILE
MOUNT01 (2 PAGES)	1	SET PROGRAM PRIORITY
MSH01 (3 PAGES)	1	PRINT NAME LIST
MV01 (4 PAGES)	1	RUN A COMMAND IMMUNE TO HANG-UPS
NICE01 (1 PAGES)	1	OCTAL LUMP
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OD01 (14 PAGES)	1	
OV01 (5 PAGES)	1	
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BELL TELEPHONE LABORATORIES, INCORPORATED		PR-1C315-01

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PASWD01 (4 PAGES)	1	SET LOGIN PASSWORD
PFE01 (1 PAGES)	1	PRINT FLOATING EXCEPTION
PR01 (9 PAGES)	1	PRINT FILE
PROF01 (8 PAGES)	1	DISPLAY PROFILE DATA
PS01 (8 PAGES)	1	PROCESS STATUS
PTX01 (5 PAGES)	1	PERMUTED INDEX
PWD01 (2 PAGES)	1	PRINT WORKING DIRECTORY
RELOC01 (4 PAGES)	1	RELOCATE OBJECT FILES
RESTOR01 (11 PAGES)	1	INCREMENTAL FILE SYSTEM RESTORE
REW01 (2 PAGES)	1	REWIND TAPE
RM01 (3 PAGES)	1	REMOVE FILES
RMDIR01 (3 PAGES)	1	REMOVE DIRECTORY
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SH01 (18 PAGES)	1	
SIZE01 (1 PAGES)	1	
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SORT01 (9 PAGES)	1	SHELL (COMMAND INTERPRETER)
SPLIT01 (2 PAGES)	1	SIZE OF AN OBJECT FILE
STRIP01 (3 PAGES)	1	SUSPEND EXECUTION FOR AN INTERVAL
STY01 (2 PAGES)	1	SORT OR MERGE FILES
SU01 (2 PAGES)	1	SPLIT A FILE INTO PIECES
SUM01 (2 PAGES)	1	REMOVE SYMBOLS AND RELOCATION B
SYNCO1 (1 PAGES)	1	SET TYPEWRITER OPTIONS
		BECOME PRIVILEGED USER
		SUM A FILE
		UPDATE SUPER BLOCK
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TR01 (4 PAGES)	1	
TTY01 (1 PAGES)	1	
TYPO01 (9 PAGES)	1	
UMOUNT01 (2 PAGES)	1	
UNIQ01 (4 PAGES)	1	
UPDATE01 (1 PAGES)	1	
WC01 (4 PAGES)	1	
WHO01 (2 PAGES)	1	
WRITE01 (5 PAGES)	1	
		TIME A COMMAND
		TRANSLITERATE
		GET TYPEWRITER NAME
		FIND POSSIBLE TYFOS
		CISMOUNT FILE SYSTEM
		REPORT REPEATED LINES IN A FILE
		PERIODICALLY UPDATE THE SUPER BLOCK
		WORD COUNT
		WHO IS ON THE SYSTEM
		WRITE TO ANOTHER USER
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ATOF01 (3 PAGES)	1	ASCII TO FLOATING
ATOI01 (1 PAGES)	1	ASCII TO INTEGER
COMPARE01 (1 PAGES)	1	COMPARE
CRYPT01 (4 PAGES)	1	PASSWORD ENCODING
CTIME01 (6 PAGES)	1	CONVERT DATE AND TIME TO ASCII
DPADD01 (1 PAGES)	1	DBLE. PRECISION ADD
ECVT01 (4 PAGES)	1	OUTPUT CONVERSION
EXP01 (3 PAGES)	1	EXPONENTIAL FUNCTION
FAKFP01 (1 PAGES)	1	FAKE FLOATING POINT INTERPRETER
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PR-1C320 PIDENT	1	
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HYPOT01 (1 PAGES)	1	CALCULATE THE HYPOTENUSE
LDIV01 (1 PAGES)	1	LONG DIVISION
LOG01 (3 PAGES)	1	NATURAL LOGERITHUM
MESG01 (1 PAGES)	1	PERMIT OR DENY MESSAGES
NLIST01 (3 PAGES)	1	GET ENTRIES FROM NAME LIST
POW01 (2 PAGES)	1	FLOATING EXPONENTIATION
PUT01 (3 PAGES)	1	FUT TO OUTPUT
QSORT01 (4 PAGES)	1	QUICKER SORT
RAND01 (1 PAGES)	1	RANDOM NUMBER GENERATOR
SIN01 (3 PAGES)	1	SINE AND COSINE FUNCTIONS
SQRT01 (2 PAGES)	1	SQUARE ROOT FUNCTION
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TTYNO1 (2 PAGES)	1	RETURN NAME OF CURRENT TYPEWRITER
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ALLOC01 (2 PAGES)	1	CORE ALLOCATOR															
ATAN01 (1 PAGES)	1	ARC TANGENT FUNCTION PASS 1															
ATAN201 (1 PAGES)	1	ARC TANGENT FUNCTION PASS 2															
ATOF01 (1 PAGES)	1	ASCII TO FLOATING															
CHDIR01 (1 PAGES)	1	CHANGE WORKING DIRECTORY															
CHMOD01 (1 PAGES)	1	CHANGE MODE OF FILE															
CHOWN01 (1 PAGES)	1	CHANGE OWNER OF FILE															
CLOSE01 (1 PAGES)	1	CLOSE A FILE															
COS01 (1 PAGES)	1	COSINE FUNCTION															
CRAND01 (1 PAGES)	1	RANDOM NUMBER GENERATOR FOR C															
CREAT01 (1 PAGES)	1	CREATE A NEW FILE															
CRT001 (1 PAGES)	1	USER STARTUP PROGRAM															
CRYPT01 (1 PAGES)	1	PASSWORD ENCODING															
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EXECL01 (1 PAGES)	1	
EXECV01 (1 PAGES)	1	
EXIT01 (1 PAGES)	1	
EXP01 (1 PAGES)	1	
FLTPR01 (5 PAGES)	1	
FFLTPR01 (1 PAGES)	1	
FLTIME01 (1 PAGES)	1	
FORK01 (1 PAGES)	1	
FSTAT01 (1 PAGES)	1	
		DUPLICATE AN OPEN FILE DESCRIPTOR
		OUTPUT CONVERSION
		ERROR LIST
		CALL SYSTEM IN LIST MODE
		CALL SYSTEM IN VECTOR MODE
		TERMINATE PROCESE
		EXPONENTIAL FUNCTION
		FLOATING POINT OUTPUT CONVERSION
		FAKE FLOATING POINT OUTPUT CONVERSION
		FLOATING POINT TIME OF DAY
		SPAWN A NEW PROCESS
		GET STATUS OF OPEN FILE
THE CONTENT OF THIS MATERIAL IS PROPRIETARY AND CONSTITUTES A TRADE SECRET. IT IS FURNISHED PURSUANT TO WRITTEN AGREEMENTS OR INSTRUCTIONS LIMITING THE EXTENT OF DISCLOSURE. ITS FURTHER DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF WESTERN ELECTRIC COMPANY, INCORPORATED, IS PROHIBITED.		
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	5. THE LAST ISSUE NUMBER OF THIS INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DOCUMENT AS A WHOLE.	UNIX C SUBROUTINES SEC.2
BELL TELEPHONE LABORATORIES, INCORPORATED		AT&T CO.
		SPCS
		PR-1C322-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C323-01 INDEX	1	
PR-1C323 PIDENT	1	
GETC01 (2 PAGES)	1	
GETCHR01 (1 PAGES)	1	BUFFERED INPUT
GETCSW01 (1 PAGES)	1	READ CHARACTER
GETGID01 (1 PAGES)	1	READ CONSOLE SWITCHES
GETPW01 (1 PAGES)	1	GET GROUP IDENTIFICATIONS
GETUID01 (1 PAGES)	1	GET NAME FROM UID
GTTY01 (1 PAGES)	1	GET USER IDENTIFICATIONS
HMUL01 (1 PAGES)	1	GET
HSW01 (1 PAGES)	1	HIGH ORDER PRODUCT
KILL01 (1 PAGES)	1	HASH SWITCH
LINK01 (1 PAGES)	1	TERMINATE A PROCESS
LOCV01 (2 PAGES)	1	LINK TO A FILE
LOG01 (1 PAGES)	1	LONG OUTPUT CONVERSION
		LOGARITHM FUNCTION
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	5. THE LAST ISSUE NUMBER OF THIS INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DOCUMENT AS A WHOLE.	UNIX C SUBROUTINES SEC.3
BELL TELEPHONE LABORATORIES, INCORPORATED		AT&T CO. SPCS
		PR-1C323-01
		ISSUE 1
		11/15/74

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C324-01 INDEX	1	
PR-1C324 PIDENT	1	
MAKDIR01 (1 PAGES)	1	MAKE A DIRECTORY
MDATE01 (1 PAGES)	1	SET MODIFY DATE OF FILE
MCRTO01 (3 PAGES)	1	MONITOR USER STARTUP PROGRAM
MKNOD01 (1 PAGES)	1	BUILD SPECIAL FILE
MON01 (1 PAGES)	1	MONITOR
MOUNT01 (1 PAGES)	1	MOUNT FILE SYSTEM
NARGSO1 (1 PAGES)	1	ARGUMENT COUNT
NICE01 (1 PAGES)	1	SET PROGRAM PRIORITY
NLIST01 (1 PAGES)	1	GET ENTRIES FROM NAME LIST
OPEN01 (1 PAGES)	1	OPEN FILE FOR READING OR WRITING
THE CONTENT OF THIS MATERIAL IS PROPRIETARY AND CONSTITUTES A TRADE SECRET. IT IS FURNISHED PURSUANT TO WRITTEN AGREEMENTS OR INSTRUCTIONS LIMITING THE EXTENT OF DISCLOSURE. ITS FURTHER DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF WESTERN ELECTRIC COMPANY, INCORPORATED, IS PROHIBITED.		
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COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
UNIX C SUBROUTINES SEC.4		AT&T CO. SPCS
		PR-1C324-01

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CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C326-01 INDEX	1	
PR-1C326 PIDENT	1	
SBRK01 (1 PAGES)	1	INCREMENT MORE CORE
SECK01 (1 PAGES)	1	MOVE READ/WRITE POINTER
SETGID01 (1 PAGES)	1	SET GROUP IDENTIFICATION
SETUID01 (1 PAGES)	1	SET USER IDENTIFICATION
SIGNAL01 (2 PAGES)	1	CATCH OR IGNORE SIGNALS
SIN01 (1 PAGES)	1	SINE AND COSINE FUNCTIONS
SLEEP01 (1 PAGES)	1	STOP EXECUTION FOR AN INTERVAL
SNSTAT01 (1 PAGES)	1	C INTERFACE TO SPIDER STATUS CALL
SQRT01 (1 PAGES)	1	SQUARE ROOT FUNCTION
SSW01 (1 PAGES)	1	SIMPLE SWITCH
STAT01 (1 PAGES)	1	GET FILE STATUS
STIME01 (1 PAGES)	1	SET TIME OF DAY
STTY01 (1 PAGES)	1	SET TYPEWRITER OPTIONS
SWTCH01 (1 PAGES)	1	CLD SWITCH STATEMENT
SYNC01 (1 PAGES)	1	UPDATE THE SUPER BLOCK
THE CONTENT OF THIS MATERIAL IS PROPRIETARY AND CONSTITUTES A TRADE SECRET. IT IS FURNISHED PURSUANT TO WRITTEN AGREEMENTS OR INSTRUCTIONS LIMITING THE EXTENT OF DISCLOSURE. ITS FURTHER DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF WESTERN ELECTRIC COMPANY, INCORPORATED, IS PROHIBITED.		
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BELL TELEPHONE LABORATORIES, INCORPORATED		
COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
UNIX C SUBROUTINES SEC.6		
		AT&T CO.
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CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C327-01 INDEX	1	
PR-1C327 PIDENT	1	
TIME01 (1 PAGES)	1	GET DATE AND TIME
TIMES01 (1 PAGES)	1	GET PROCESS TIMES
UMOUNT01 (1 PAGES)	1	DISMOUNT A FILE SYSTEM
UNLINK01 (1 PAGES)	1	REMOVE DIRECTORY ENTRY
WAIT01 (1 PAGES)	1	WAIT FOR A PROCESS TO TERMINATE
WRITE01 (1 PAGES)	1	WRITE ON A FILE
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BELL TELEPHONE LABORATORIES, INCORPORATED		
COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
UNIX C SUBROUTINES SEC.7		AT&T CO. SPCS
		PR-1C327-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C328-01 INDEX	1	
PR-1C328 PIDENT	1	
C0001 (16 PAGES)	1	PASS 1 PART 0 C COMPILER
C0101 (8 PAGES)	1	PASS 1 PART 1 C COMPILER
C0201 (16 PAGES)	1	PASS 1 PART 2 C COMPILER
C0301 (4 PAGES)	1	PASS 1 PART 3 C COMPILER
C0401 (7 PAGES)	1	PASS 1 PART 4 C COMPILER
C0H01 (6 PAGES)	1	PASS 1 HEADER FILE C COMPILER
C0T01 (4 PAGES)	1	PASS 1 C COMPILER TABLES
C1001 (21 PAGES)	1	PASS 2 PART 0 C COMPILER
C1101 (12 PAGES)	1	PASS 2 PART 1 C COMPILER
C1201 (3 PAGES)	1	PASS 2 PART 2 C COMPILER
C1H01 (5 PAGES)	1	PASS 2 HEADER FILE C COMPILER
C1T01 (1 PAGES)	1	PASS 2 C COMPILER TABLES
CCTAB01 (4 PAGES)	1	C TABLES - SET CONDITION CODES
CVOPT01 (8 PAGES)	1	C CODE TABLE GENERATOR
EFFTAB01 (6 PAGES)	1	C CODE TABLES - COMPILE FOR SIDE EFFECTS
REGTAB01 (21 PAGES)	1	C TABLES - COMPILE TO REGISTER
SPTAB01 (5 PAGES)	1	C TABLES - EXPRESSION TO STACK
THE CONTENT OF THIS MATERIAL IS PROPRIETARY AND CONSTITUTES A TRADE SECRET. IT IS FURNISHED PURSUANT TO WRITTEN AGREEMENTS OR INSTRUCTIONS LIMITING THE EXTENT OF DISCLOSURE. ITS FURTHER DISCLOSURE WITHOUT THE WRITTEN PERMISSION OF WESTERN ELECTRIC COMPANY, INCORPORATED, IS PROHIBITED.		
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COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
C COMPILER		AT&T CO. SPCS
BELL TELEPHONE LABORATORIES, INCORPORATED		PR-1C328-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C329-01 INDEX	1	
PR-1C329 PIDENT	1	
F1101 (4 PAGES)	1	PASS 1 PART 1 FORTRAN COMPILER
F1201 (3 PAGES)	1	PASS 1 PART 2 FORTRAN COMPILER
F1301 (3 PAGES)	1	PASS 1 PART 3 FORTRAN COMPILER
F1401 (2 PAGES)	1	PASS 1 PART 4 FORTRAN COMPILER
F1501 (2 PAGES)	1	PASS 1 PART 5 FORTRAN COMPILER
F1601 (1 PAGES)	1	PASS 1 PART 6 FORTRAN COMPILER
F1701 (2 PAGES)	1	PASS 1 PART 7 FORTRAN COMPILER
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COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
FORTRAN COMPILER PASS 1		AT&T CO. SPCS
		PR-1C329-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C330-01 INDEX	1	
PR-1C330 PIDENT	1	
F2101 (1 PAGES)	1	PASS 2 PART 1 FORTRAN COMPILER
F2201 (3 PAGES)	1	PASS 2 PART 2 FORTRAN COMPILER
F2301 (3 PAGES)	1	PASS 2 PART 3 FORTRAN COMPILER
F2401 (3 PAGES)	1	PASS 2 PART 4 FORTRAN COMPILER
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COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
FORTRAN COMPILER PASS 2		AT&T CO. SPCS
BELL TELEPHONE LABORATORIES, INCORPORATED		PR-1C330-01

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PR-1C331-01 INDEX	1	
PR-1C331 PIDENT	1	
F3101 (4 PAGES)	1	PASS 3 PART 1 FORTRAN COMPILER
F3201 (6 PAGES)	1	PASS 3 PART 2 FORTRAN COMPILER
F3301 (4 PAGES)	1	PASS 3 PART 3 FORTRAN COMPILER
F3401 (2 PAGES)	1	PASS 3 PART 4 FORTRAN COMPILER
F3501 (2 PAGES)	1	PASS 3 PART 5 FORTRAN COMPILER
F3601 (11 PAGES)	1	PASS 3 PART 6 FORTRAN COMPILER
F3701 (3 PAGES)	1	PASS 3 PART 7 FORTRAN COMPILER
F3801 (3 PAGES)	1	PASS 3 PART 8 FORTRAN COMPILER
F3901 (6 PAGES)	1	PASS 3 PART 9 FORTRAN COMPILER
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COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
FORTRAN COMPILER PASS 3		
		AT&T CO.
		SPCS
		PR-1C331-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C332-01 INDEX	1	
PR-1C332 PIDENT	1	
F4101 (1 PAGES)	1	PASS 4 PART 1 FORTRAN COMPILER
F4201 (3 PAGES)	1	PASS 4 PART 2 FORTRAN COMPILER
F4301 (2 PAGES)	1	PASS 4 PART 3 FORTRAN COMPILER
F4401 (3 PAGES)	1	PASS 4 PART 4 FORTRAN COMPILER
F4501 (4 PAGES)	1	PASS 4 PART 5 FORTRAN COMPILER
F4601 (4 PAGES)	1	PASS 4 PART 6 FORTRAN COMPILER
F4701 (7 PAGES)	1	PASS 4 PART 7 FORTRAN COMPILER
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COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
FORTRAN COMPILER PASS 4		AT&T CO. SPCS
BELL TELEPHONE LABORATORIES, INCORPORATED		PR-1C332-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C333-01 INDEX	1	COMPILER SUBROUTINES HEADER FILE FORTRAN
PR-1C333 PIDENT	1	COMPILER SUBROUTINES PART 1 FORTRAN COMPILER
FHD01 (2 PAGES)	1	COMPILER SUBROUTINES PART 2 FORTRAN COMPILER
FX101 (1 PAGES)	1	COMPILER SUBROUTINES PART 3 FORTRAN COMPILER
FX201 (3 PAGES)	1	COMPILER SUBROUTINES PART 4 FORTRAN COMPILER
FX301 (2 PAGES)	1	COMPILER SUBROUTINES PART 5 FORTRAN COMPILER
FX401 (9 PAGES)	1	COMPILER SUBROUTINES PART 6 FORTRAN COMPILER
FX501 (2 PAGES)	1	COMPILER SUBROUTINES PART 7 FORTRAN COMPILER
FX601 (1 PAGES)	1	COMPILER SUBROUTINES PART 8 FORTRAN COMPILER
FX701 (1 PAGES)	1	COMPILER SUBROUTINES PART 9 FORTRAN COMPILER
FX801 (6 PAGES)	1	COMPILER SUBROUTINES PART 10 FORTRAN COMPILER
FX901 (3 PAGES)	1	COMPILER SUBROUTINES PART 11 FORTRAN COMPILER
FXA01 (1 PAGES)	1	COMPILER SUBROUTINES PART 12 FORTRAN COMPILER
FXB01 (1 PAGES)	1	COMPILER SUBROUTINES PART 13 FORTRAN COMPILER
FXC01 (1 PAGES)	1	COMPILER SUBROUTINES PART 14 FORTRAN COMPILER
FXD01 (1 PAGES)	1	COMPILER SUBROUTINES PART 15 FORTRAN COMPILER
FXE01 (1 PAGES)	1	COMPILER SUBROUTINES PART 16 FORTRAN COMPILER
FXF01 (1 PAGES)	1	COMPILER SUBROUTINES PART 17 FORTRAN COMPILER
FXG01 (5 PAGES)	1	COMPILER SUBROUTINES PART 18 FORTRAN COMPILER
FXH01 (2 PAGES)	1	
FXX01 (3 PAGES)	1	
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BELL TELEPHONE LABORATORIES, INCORPORATED		
COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
FORTRAN COMPILER SUBROUTINES		AT&T CO. SPCS
		PR-1C333-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C334-01 INDEX	1	
PR-1C334 PIDENT	1	
IO101 (2 PAGES)	1	FORTAN I/O PART 1
IO201 (6 PAGES)	1	FORTAN I/O PART 2
IO301 (7 PAGES)	1	FORTAN I/O PART 3
IO401 (6 PAGES)	1	FORTAN I/O PART 4
IO501 (3 PAGES)	1	FORTAN I/O PART 5
IO601 (6 PAGES)	1	FORTAN I/O PART 6
IO701 (2 PAGES)	1	FORTAN I/O PART 7
IOX01 (2 PAGES)	1	FORTAN I/O PART 8
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COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
FORTAN INPUT OUTPUT		AT&T CO. SPCS
BELL TELEPHONE LABORATORIES, INCORPORATED		PR-1C334-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C335-01 INDEX	1	
PR-1C335 PIDENT	1	
R001 (2 PAGES)	1	FORTRAN RUNTIME PART 0
R101 (4 PAGES)	1	FORTRAN RUNTIME PART 1
R201 (4 PAGES)	1	FORTRAN RUNTIME PART 2
R301 (2 PAGES)	1	FORTRAN RUNTIME PART 3
R401 (2 PAGES)	1	FORTRAN RUNTIME PART 4
R501 (2 PAGES)	1	FORTRAN RUNTIME PART 5
R601 (4 PAGES)	1	FORTRAN RUNTIME PART 6
R701 (3 PAGES)	1	FORTRAN RUNTIME PART 7
R801 (1 PAGES)	1	FORTRAN RUNTIME PART 8
R901 (2 PAGES)	1	FORTRAN RUNTIME PART 9
RA01 (1 PAGES)	1	FORTRAN RUNTIME PART 10
RB01 (2 PAGES)	1	FORTRAN RUNTIME PART 11
RC01 (6 PAGES)	1	FORTRAN RUNTIME PART 12
RD01 (1 PAGES)	1	FORTRAN RUNTIME PART 13
RE01 (2 PAGES)	1	FORTRAN RUNTIME PART 14
RF01 (2 PAGES)	1	FORTRAN RUNTIME PART 15
RG01 (2 PAGES)	1	FORTRAN RUNTIME PART 16
RH01 (3 PAGES)	1	FORTRAN RUNTIME PART 17
RX01 (1 PAGES)	1	FORTRAN RUNTIME PART 18
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COMMON SYSTEMS		ISSUE 1
UNIX OPERATING SYSTEM		11/15/74
FORTRAN RUNTIME PARTS		
		AT&T CO.
		SPCS
BELL TELEPHONE LABORATORIES, INCORPORATED		PR-1C335-01

CONTENTS	ISSUES AUTHORIZED	TITLES
PR-1C336-01 INDEX	1	
PR-1C336 PIDENT		
ABS01 (1 PAGES)	1	ABSOLUTE FORTRAN FUNCTION
AIMAG01 (1 PAGES)	1	IMAGINARY FORTRAN FUNCTION
AINOT1 (1 PAGES)	1	INTEGER FORTRAN FUNCTION
ALOG01 (1 PAGES)	1	LOGARITHM FORTRAN FUNCTION
ALOG1001 (1 PAGES)	1	LOGARITHM PASS 2 FORTRAN FUNCTION
AMAX001 (1 PAGES)	1	MAXIMUM PART 1 FORTRAN FUNCTION
AMAX101 (2 PAGES)	1	MAXIMUM PART 2 FORTRAN FUNCTION
AMIN001 (1 PAGES)	1	MINIMUM PART 1 FORTRAN FUNCTION
AMIN101 (2 PAGES)	1	MINIMUM PART 2 FORTRAN FUNCTION
AMOD01 (1 PAGES)	1	MODULO FORTRAN FUNCTION
ATAN01 (1 PAGES)	1	ARC TANGENT FORTRAN FUNCTION
ATAN201 (1 PAGES)	1	ARC TANGENT 2 - ARGUMENT FORTRAN FUNCTION
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