

UNIX Programmer's Supplementary Documents
Volume 1
(PS1)

EUNICE BSD
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UNIX Programmer's Supplementary Documents, Volume 1 (PS1)**EUNICE BSD, Version 4.3.2**

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These two volumes contain documents which supplement the manual pages in *The UNIX Programmer's Reference Manual* for the Virtual VAX-11 version of the system as distributed by U.C. Berkeley.

Languages in common use (other languages in Programmer's Supplement, volume 2)

The C Programming Language – Reference Manual PS1:1

Official statement of the syntax of C. Should be supplemented by "The C Programming Language," B.W. Kernighan and D.M. Ritchie, Prentice-Hall, 1978, that contains a tutorial introduction and many examples.

A Portable Fortran 77 Compiler PS1:2

A revised version of the document which originally appeared in Volume 2b of the Bell Labs documentation; this version reflects the ongoing work at Berkeley.

Introduction to the f77 I/O Library PS1:3

A description of the revised input/output library for Fortran 77, reflecting work carried out at Berkeley.

Berkeley Pascal User's Manual PS1:4

An implementation of this language popular for learning to program.

Berkeley Vax/UNIX Assembler Reference Manual PS1:5

The usage and syntax of the assembler; useful mostly by compiler writers.

General Reference

Berkeley Software Architecture Manual (4.3 Edition) PS1:6

A concise and terse description of the system call interface provided in Berkeley Unix, as revised for 4.3BSD. This will never be a best seller.

An Introductory 4.3BSD Interprocess Communication Tutorial PS1:7

This feature is not currently supported by EUNICE.

An Advanced 4.3BSD Interprocess Communication Tutorial PS1:8

This feature is not currently supported by EUNICE.

Programming Tools

Lint, A C Program Checker PS1:9

Checks C programs for syntax errors, type violations, portability problems, and a variety of probable errors.

A Tutorial Introduction to ADB PS1:10

How to debug programs using the *adb* debugger. For hints on the use of ADB for debugging the UNIX kernel, see "Using ADB to Debug the Kernel", SMM:3

Debugging with dbx PS1:11

How to debug programs without having to know much about machine language.

Make – A Program for Maintaining Computer Programs PS1:12

Indispensable tool for making sure large programs are properly compiled with minimal effort.

An Introduction to the Revision Control System PS1:13

RCS is a user-contributed tool for working together with other people without stepping on each other's toes. An alternative to SCCS for controlling software changes.

An Introduction to the Source Code Control System PS1:14

A useful introductory article for those users with installations licensed for SCCS.

YACC: Yet Another Compiler-Compiler PS1:15

Converts a BNF specification of a language and semantic actions written in C into a compiler for that language.

LEX – A Lexical Analyzer Generator PS1:16

Creates a recognizer for a set of regular expressions: each regular expression can be followed by arbitrary C code to be executed upon finding the regular expression.

The M4 Macro Processor PS1:17

M4 is a macro processor useful in its own right and as a front-end for C, Ratfor, and Cobol.

Programming Libraries

Screen Updating and Cursor Movement Optimization PS1:18

Describes the *urses* package, an aid for writing screen-oriented, terminal-independent programs.