

UNIX User's Supplementary Documents (USD)

4.4 Berkeley Software Distribution

June, 1993

This volume contains documents which supplement the manual pages in *The Unix User's Reference Manual* for the 4.4BSD system as distributed by U.C. Berkeley.

Getting Started

Unix for Beginners – Second Edition USD:1

An introduction to the most basic uses of the system.

Learn – Computer–Aided Instruction on UNIX (Second Edition) USD:2

Describes a computer-aided instruction program that walks new users through the basics of files, the editor, and document preparation software.

Basic Utilities

An Introduction to the UNIX Shell USD:3

Steve Bourne's introduction to the capabilities of *sh*, a command interpreter especially popular for writing shell scripts.

An Introduction to the C shell USD:4

This introduction to *csh*, (a command interpreter popular for interactive work) describes many commonly used UNIX commands, assumes little prior knowledge of UNIX, and has a glossary useful for beginners.

DC – An Interactive Desk Calculator USD:5

A super HP calculator, if you do not need floating point.

BC – An Arbitrary Precision Desk-Calculator Language USD:6

A front end for DC that provides infix notation, control flow, and built-in functions.

Communicating with the World

Mail Reference Manual USD:7

Complete details on one of the programs for sending and reading your mail.

USD Contents

The Rand MH Message Handling System USD:8
This system for managing your computer mail uses lots of small programs, instead of one large one.

Text Editing

A Tutorial Introduction to the Unix Text Editor USD:9
An easy way to get started with the line editor, *ed*.

Advanced Editing on Unix USD:10
The next step.

An Introduction to Display Editing with Vi USD:11
The document to learn to use the *vi* screen editor.

Ex Reference Manual (Version 3.7) USD:12
The final reference for the *ex* editor.

Vi Reference Manual USD:13
The definitive reference for the *nvi* editor.

Jove Manual for UNIX Users USD:14
Jove is a small, self-documenting, customizable display editor, based on EMACS. A plausible alternative to *vi*.

SED – A Non-interactive Text Editor USD:15
Describes a one-pass variant of *ed* useful as a filter for processing large files.

AWK – A Pattern Scanning and Processing Language (Second Edition) USD:16
A program for data selection and transformation.

Document Preparation

Typing Documents on UNIX: Using the –ms Macros with Troff and Nroff USD:17
Describes and gives examples of the basic use of the typesetting tools and “-ms”, a frequently used package of formatting requests that make it easier to lay out most documents.

A Revised Version of –ms USD:18
A brief description of the Berkeley revisions made to the –ms formatting macros for *nroff* and *troff*.

Writing Papers with *nroff* using –me USD:19
Another popular macro package for *nroff*.

–me Reference Manual	USD:20
The final word on –me.	
NROFF/TROFF User's Manual	USD:21
Extremely detailed information about these document formatting programs.	
A TROFF Tutorial	USD:22
An introduction to the most basic uses of <i>troff</i> for those who really want to know such things, or want to write their own macros.	
A System for Typesetting Mathematics	USD:23
Describes <i>eqn</i> , an easy-to-learn language for high-quality mathematical typesetting.	
Typesetting Mathematics – User's Guide (Second Edition)	USD:24
More details about how to use <i>eqn</i> .	
Tbl – A Program to Format Tables	USD:25
A program for easily typesetting tabular material.	
Refer – A Bibliography System	USD:26
An introduction to one set of tools used to maintain bibliographic databases. The major program, <i>refer</i> , is used to automatically retrieve and format the references based on document citations.	
Some Applications of Inverted Indexes on the UNIX System	USD:27
Mike Lesk's paper describes the <i>refer</i> programs in a somewhat larger context.	
BIB – A Program for Formatting Bibliographies	USD:28
This is an alternative to <i>refer</i> for expanding citations in documents.	
Writing Tools – The STYLE and DICTION Programs	USD:29
These are programs which can help you understand and improve your writing style.	
Amusements	
A Guide to the Dungeons of Doom	USD:30
An introduction to the popular game of <i>rogue</i> , a fantasy game which is one of the biggest known users of VAX cycles.	
Star Trek	USD:31
You are the Captain of the Starship Enterprise. Wipe out the Klingons and save the Federation.	