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 prepararation 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.

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 *troff* for those who really want to know such things, or want to write their own macros.

A System for Typesetting Mathematics USD:23

Describes *eqn,* 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 *eqn.*

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, *refer,* 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 *refer* programs in a somewhat larger context.

BIB − A Program for Formatting Bibliographies USD:28

This is an alternative to *refer* 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 *rogue*, 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.