AT&T

UNIX® System V Release 3.2 Document Set

COMPLETE LIST OF AVAILABLE DOCUMENTS:
AT&T Computer Systems Documentation Catalog (300-000)

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STARLAN NETWORK Introduction (989-100)
STREAMS Primer (307-229)
STREAMS Programmer's Guide (307-227); ■ 3.2 Update (305-661)

ORDERING INFORMATION:

Copies of these documents can be ordered by calling:

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             Customer Service Representative
             P.O. Box 19901
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GENERAL

Owner/Operator Manual (305-665)
This illustrated document explains how to set up your 3B2 Computer. It describes the 3B2's standard and optional hardware and software, introduces some basic computer concepts, and explains how to do tasks, such as assigning logins and passwords with the **setup** command. The document also describes how to implement security measures, install utilities packages, and use the System Administration menus.

User's Guide (307-231); ■ 3.2 Update (305-660)
This document presents an overview of the UNIX operating system; it includes tutorials on the line editor (**ed**), the screen editor (**vi**), shell programming, electronic mail, sending and receiving files, and networking.

User's and System Administrator's Reference Manual (305-646); ■ 3.2 Updates (305-649), (305-648)
This document describes each of the UNIX system user and administrator commands. Each description includes a synopsis of the command's syntax and an explanation of how it is used; also supplied, where appropriate, are diagnostic indications, warnings, examples of use, and where to find related information.

User Interface Utilities Release 1.1 Release Notes (305-653)
This document contains release notes for release 1.1 of the Form and Language Menu Interpreter (FMLI) and Framed Access Command Environment (FACE) user interface. These products are supported on the AT&T 3B2 series of computers running UNIX System V Release 2.0 or later.

Framed Access Command Environment (FACE) User's Guide (305-651)
This document describes how to use the FACE interface to the UNIX system, which provides an electronic "office" from which you can easily select commands that complete many conventional office tasks, such as organizing your file cabinet, collaborating on projects, and working on several tasks at once. The document also explains how to access spreadsheet, word processing, business graphics, or UNIX system applications, by selecting them from the FACE Services menu (if they have been added to the FACE system), or through the UNIX system shell.

SYSTEM ADMINISTRATION

System Administrator's Guide (305-645); ■ 3.2 Update (305-650); ■ RFS 1.2 Update (305-656)
This document explains how to perform administrative tasks. Tasks are organized by major subject areas: the processor, the file system, user services, disk, tape, printer, tty management, and networking, among others. Appendices cover device names and disk partitioning, directories and files used by the administrator, and error messages.

System Performance Analysis Utilities (SPAU) Guide (305-607)
This document describes commands for collecting and examining system usage data. It explains how this data can be used to analyze the present performance of the computer and to determine load balancing and system-tuning strategies that will improve performance.

2K File System Utilities Release 1.0 Release Notes (305-657)
This document describes the 2K file system, a new file system type for 3B2 Computers running UNIX System V Release 3.2. The document shows how a 2K file system can improve system performance for some applications performing large data transfers.

PROGRAMMING

Programmer's Guide (308-139); ■ 3.2 Update (305-662)
This document is divided into two parts. Part 1 discusses the UNIX system programming environment and utilities (e.g., compilers, debuggers). Part 2 provides details of the C language, the Common Object File Format, and the link editor. It also includes tutorials on: shared libraries, **curses/terminfo**, File and Record Locking, Inter-Process Communication facilities, **awk**, **lex**, **yacc**, **lint**, SCCS, **sdb**, and **make**.

Programmer's Reference Manual (307-013); ■ 3.2 Update (305-663)
This document provides manual pages describing the programming features of UNIX System V: commands, system calls, subroutines, libraries, file formats, macro packages, and character set tables. Syntax and examples are given as appropriate.

C Programming Language Utilities Issue 4.2 Release Notes (308-198)
This document contains installation and other information specifically relating to CPLU Issue 4.2 on a 3B2 Computer.

Advanced Programming Utilities Issue 1.1 Release Notes (307-008)
This document provides installation and other specific information about APU Issue 1.1 on the 3B2 Computer. APU contains **lint**, **lex**, **yacc**, **sdb**, **make**, SCCS, commands to handle shared libraries, and more.

Form and Menu Language Interpreter (FMLI) Programmer's Guide (305-652)
This document describes a high-level "shell-like" language for defining forms, menus, and other types of frames, as well as screen labeled keys, a message line, a command line, and a banner. The Interpreter handles the details of frame creation, placement, navigation between frames, and processing the use of forms and menus.

Extended Terminal Interface 1.0 Release Notes (305-664)
This document explains how to install the Extended Terminal Interface (ETI) software on a 3B2 Computer and presents usage notes.

Extended Terminal Interface Programmer's Guide (305-658)
This document shows how to write C language programs that call the Extended Terminal Interface (ETI) routines to create display and change forms, menus, and panels (windows with depth relationships). Also included is a description of how the ETI routines interact with **curses** routines and the **terminfo** database. It contains manual pages for the high-level ETI function libraries, the low-level **curses**(3X) library, and the **tam**(3X) transition library.

PERIPHERALS

Small Computer System Interface Installation Manual (305-011)
This document describes how to add a Small Computer System Interface (SCSI) Bus to a 3B2 Computer and how to add external SCSI peripherals to the bus. Illustrations support the installation procedures.

Small Computer System Interface Operations Manual (305-012)
This document explains how to set up and use the Small Computer System Interface (SCSI) on the 3B2 Computer. It describes the hardware and software that are available with the different SCSI packages. In addition, operation information is given for associated peripherals. Special instructions tell how to back up and restore file systems using the different SCSI devices. Appendices cover topics such as default partitioning and error messages.

Networking Support Utilities Release 1.2 Release Notes (305-654)

This document explains how to install the Networking Support Utilities, which supplement the Essential Utilities by extending system capabilities to support networking applications. This product is required if your system has Remote File Sharing, STREAMS mechanisms and tools, the Transport Interface, Media-Independent uucp, and the Listener.

Network Programmer's Guide (307-230)

This document introduces the AT&T Transport Interface, its capabilities, and its applications. It covers: the goals of the transport interface, with discussions of OSI, transport protocols, and STREAMS; the transport interface routines in the Network Services Library; and the key areas of the development of applications that interface to transport protocols (with illustrated examples).

Remote File Sharing Utilities Release 1.2 Release Notes (305-655)

This document explains how to install the Remote File Sharing Utilities package, which provides the facilities needed to share remote files transparently among computers. It requires the Networking Support Utilities and a Transport Provider (such as the STARLAN NETWORK).

STARLAN NETWORK Introduction (989-100)

This document describes the STARLAN NETWORK, a baseband, 1 megabit per second, local area network that provides simple, reliable connections (logical and physical) between two or more devices on the network. The document explains how the STARLAN NETWORK can solve information-sharing problems. It lists a broad range of computers and terminals that can be linked to the STARLAN NETWORK, and explains how to share data among them while still controlling access to files. A case study introduces the hardware and software, and shows how to expand the network using Network Extension Units, Room Stars, and Closet Stars.

STREAMS Primer (307-229)

This document presents a high-level technical overview of STREAMS. It includes a summary of the STREAMS mechanism, a description of the applications and benefits of STREAMS, illustrations and definitions of STREAMS terminology, a simple example (discussed from both the applications and systems programmers' points of view), a discussion of the facilities provided by STREAMS, and a comparison of certain features of character input/output device drivers to STREAMS modules and drivers.

STREAMS Programmer's Guide (307-227); ■ 3.2 Update (305-661)

This document describes the user-level STREAMS facilities available to applications programmers, how to use STREAMS facilities to write UNIX system kernel modules and device drivers, and it includes a summary of kernel-level data structures, STREAMS message types, and specifications of kernel utility routines.