ALTOS

RELEASE NOTES

Altos 186/586/986 Computer Systems
XENIX Version 2.5a Development System Utilities
May 30, 1984

Introduction

These diskettes contain the XENIX 2.5a Development System which consists of the following:

- Enhanced utilities
- C compilers
- SCCS (Source Code Control System)
- MS/FORTRAN

This release includes modifications and enhancements made to XENIX since the release of XENIX 2.4. The most important features of this release are corrections to the vi editor and the cu command. Details of these corrections and other changes are listed below.

Software

Installation Procedure

Before installation of the XENIX Development System Utilities, the XENIX Run-Time system must be installed. Once this has been done, the XENIX Development System Utilities will be ready for installation. Use the following instructions:

1. Login as "root" <cr>

2. Enter: cd / <cr>

3. The Utility diskettes must be loaded in numerical order. That is, load disk 1 of 6 first, and disk 6 of 6 last. For each Utility diskette, follow these steps:

    3.1 insert the diskette
    3.2 Enter: tar xv <cr>
    3.3 When you have loaded all of the Utility diskettes, Enter: install <cr>

4. This step is optional. There are 2 different C compilers delivered with this release. Please read the accompanying set of release notes for these compilers to determine which version you wish to use.

    4.1 insert the "C Compiler" diskette(s)
    4.2 Enter: tar xv <cr>
    4.3 Enter: install

5. This step is optional. If you wish to load the Micro-Soft FORTRAN compiler, follow these steps:

    5.1 insert the "MS/FORTRAN" diskette
    5.2 Enter: cd /tmp <cr>
    5.3 Enter: tar xv <cr>
    5.4 Enter: install

6. This step is optional. If you wish to load the Source Code Control System (SCCS), follow these steps:

    6.1 insert the "SCCS" diskette
    6.2 Enter: cd / <cr>
    6.3 Enter: tar xv <cr>
    6.4 Enter: install

Your XENIX Development System has now been fully installed.

Corrections to Utilities

1. The recover option (-r) now works with the vi editor. For details on using the -r option, refer to "An Introduction to Display Editing with Vi" in the XENIX Development System Programmer's Reference Guide.

2. The source code for the Business Shell Menu System for XENIX 2.5 can be found in /usr/lib/menusys.

3. The cu command removes the "exclusive use" mode from the serial port when it is finished. This allows the port to be used by people other than root.

4. The library used by the lex(1) command has been renamed from /lib/libln.a to /lib/libl.a to conform with the description in the XENIX Development System Programmer's Reference Guide.

5. The diff3 command used to give a "Memory fault" error message. This problem has been corrected.

6. The British spelling option (-b) on spell(1) now works correctly.

Notes

1. The strchr(3) and strrchr(3) subroutines from UNIX System III have the names index(3) and rindex(3), respectively, in XENIX 2.5.

2. If you are using a Wyse 100 terminal and the screen behaves "strangely" (e.g. vi does not correctly wrap lines longer than 80 characters or the curses box() function does not display a full-screen box correctly), try changing switch SW 1-3 on the keyboard. The correct setting of this switch depends on the version of the terminal that you have; on some terminals, it should be OFF and on others it should be ON.

3. The uucp command requires that the slave system name exist in /usr/lib/uucp/USERFILE. For example, the lines

        root,Altos86 /
        ,Altos86 /usr /tmp

    allow machine Altos86 to login with name root and request the transfer of any file. All other users from machine Altos86 can transfer only files in directories /usr and /tmp.

ALTOS 586/986 COMPUTER SYSTEMS

XENIX DEVELOPMENT UPGRADE SYSTEM

PROGRAMMER'S REFERENCE GUIDE

ADDENDUM A

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THE INFORMATION IN THIS ADDENDUM IS SUBJECT TO
CHANGE WITHOUT NOTICE.   THIS ADDENDUM WILL
WILL BE INCORPORATED INTO THE NEXT REVISION OF
THE ADDENDED MANUAL.