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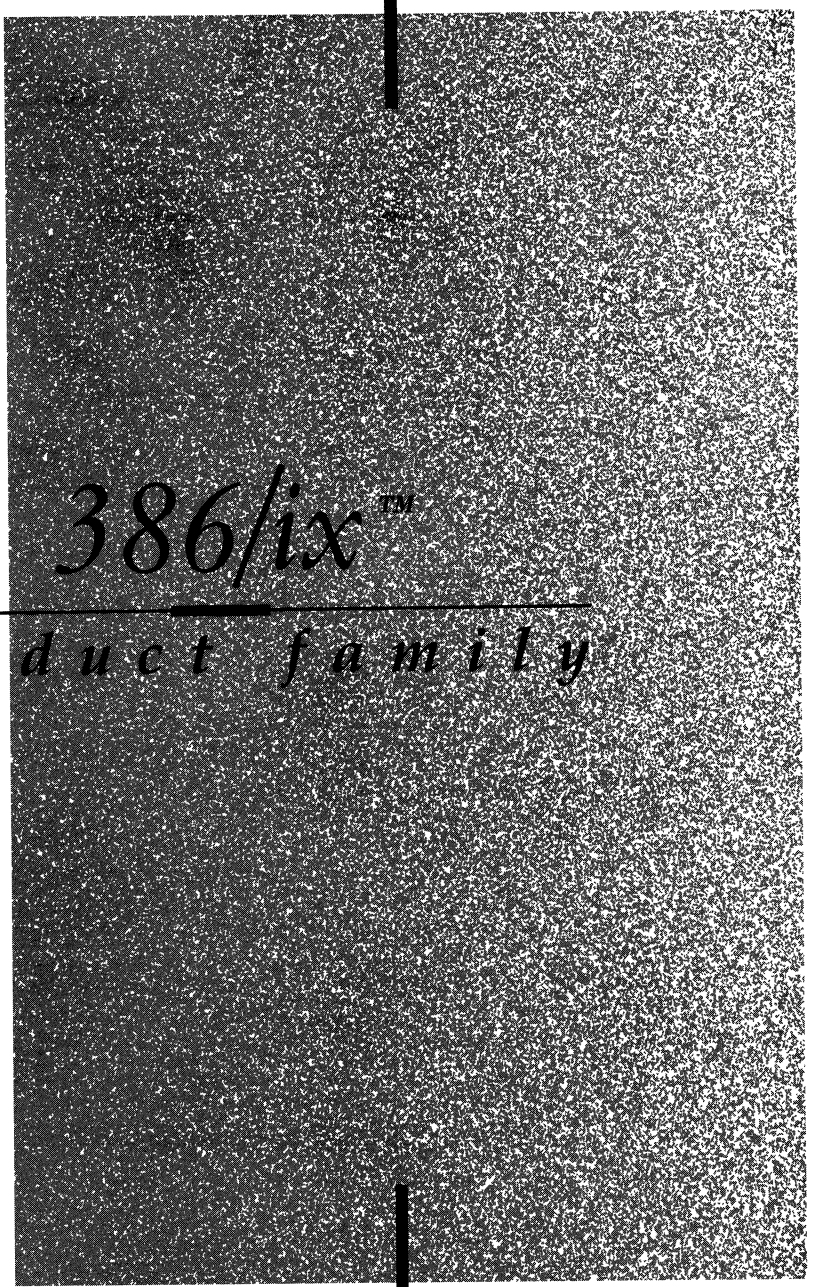

386/ix™ product family

TEN/PLUS® User Interface Release Notes

First printing (December 1988)

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TEN/PLUS User Interface
Release Notes
Release 2.2

CONTENTS

1. INTRODUCTION 1
2. VARIABLE-SIZE SCREENS 1
3. SUPPORT FOR 386/ix MultiView 2
4. IMPROVED FUNCTIONS MENU 2
5. INSTRUCTIONS DISPLAYED ON MENUS 3
6. SUPPORT FOR STREAMS-BASED TTY DRIVERS . 4
7. FILE SYSTEM SWITCH SUPPORT 4
8. WYSE 60 TERMINAL DESCRIPTION 4

TEN/PLUS User Interface
Release Notes
Release 2.2

December 1988

1. INTRODUCTION

We are pleased to provide Release 2.2 of the TEN/PLUS® User Interface, which includes several enhancements to Release 2.1. New features are documented here and include:

- Variable-size screens on some systems.
- Support for 386/ix™ MultiView.
- More functions accessible through the Functions Menu.
- Menus that more fully describe their own use.
- Support for STREAMS-based TTY drivers.
- Support for the File System Switch.
- Support for the Wyse® 60 terminal description.

These release notes describe the purpose and use of each new feature.

2. VARIABLE-SIZE SCREENS

Prior releases of the TEN/PLUS User Interface could only be used on terminals that were 80 columns by 24 lines. With Release 2.2, the use of TEN/PLUS is no longer limited to such terminals. When used on a terminal that is not 80 columns by 24 lines, TEN/PLUS displays now automatically adjust their size when accessed in large

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windows. TEN/PLUS displays of text files expand both vertically and horizontally; those of forms expand only vertically. For example, if you access a form such as the File Manager screen in a large window, this form lengthens to the bottom of the window; however, it does not widen. In the same window, a screen containing a text file would both widen and lengthen.

A window smaller than the standard TEN/PLUS display reduces the area of the TEN/PLUS display visible at one time, "clipping" the display on the right and bottom as necessary. You can use standard window-positioning functions to scroll a file or field.

3. SUPPORT FOR 386/ix MultiView

The TEN/PLUS editor now detects when it is being run in a 386/ix MultiView window and uses the new variable screen feature to produce an editing session in a window that is exactly the same size as the 386/ix MultiView window.

When the 386/ix MultiView window is reshaped or moved, the size of the TEN/PLUS screen is not adjusted automatically. This is done to avoid having 386/ix MultiView redraw the editor session, followed by a refresh by TEN/PLUS. If the user wants to adjust the size of the TEN/PLUS editing session, the new TEN/PLUS command [ENTER] [REFRESH] can be used.

If you *want* the TEN/PLUS editor to automatically refresh every time the 386/ix MultiView window is adjusted, use the new `-autoresize` option to call the TEN/PLUS editor. The editor will do an automatic refresh every time the 386/ix MultiView window is reshaped or moved around. When using `-autoresize`, it is no longer necessary to use the [ENTER] [REFRESH] command.

4. IMPROVED FUNCTIONS MENU

The Functions Menu invoked by using [FUNCTIONS] now provides a total of 21 options rather than 10. Various combinations of these appear in different editing contexts. On the basis of the current editing context, the Functions Menu displays a subset of these options:

[CANCEL]

[EXECUTE]

[EXIT]

FORMAT

INSERT

LOCAL-MENU

MENU

-LINE

-PAGE

NEXT

PICK-COPY

PICK-UP

+LINE

+PAGE

PREVIOUS

PRINT

PUT-COPY

PUT-DOWN

SAVE

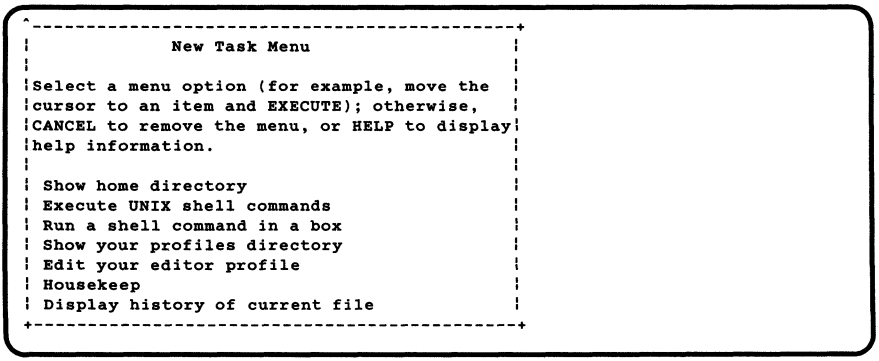
ZOOM-IN

ZOOM-OUT

Select options from the Functions Menu just as formerly, and use CANCEL to remove the menu.

5. INSTRUCTIONS DISPLAYED ON MENUS

Most TEN/PLUS menus now provide more detailed instructions about their use. Menu usage is unchanged. The following is an example of a new menu:



6. SUPPORT FOR STREAMS-BASED TTY DRIVERS

The TEN/PLUS code has been updated to be compatible with the System V Standard Interface Definition Issue 2 Volume 3. This makes it possible to run TEN/PLUS over connections using a STREAMS-based terminal driver, like some implementations of TCP/IP.

7. FILE SYSTEM SWITCH SUPPORT

TEN/PLUS now supports the DOS File System Switch, which is a feature of 386/ix that allows you to mount DOS diskettes or the DOS partition as UNIX® file systems on the fixed disk. The DOS files and directories on it can then be treated as though they were UNIX files.

Using TEN/PLUS, you can ZOOM-IN to a DOS directory and explore and edit. You can also create and copy DOS files using the TEN/PLUS File Manager. This feature adds the same functionality to TEN/PLUS as the `dossette` subset adds to 386/ix.

8. WYSE 60 TERMINAL DESCRIPTION

A terminal description for a Wyse 60 terminal with a PC keyboard is now supplied with the system. It is designed for use on a Wyse 60 terminal in native (WY-60) mode. This means that the ALT key cannot be used. Every attempt has been made to make the use of TEN/PLUS on this terminal resemble as closely as possible the use of TEN/PLUS on the console. However, the following differences should be noted:

- The [SHIFT] key (not the [ALT] key) must be used with the function keys and numeric keypad.
- The sequence [CTRL] z *key* (not [ALT] *key*) must be used with keys on the main keyboard.

To implement these changes, a special program (called `setwyse`) that maps keys on the numeric keypad of the Wyse 60 terminal is provided. The full path name of the program is `/usr/lib/INed/bin/setwyse`. It should be executed before running TEN/PLUS on a Wyse 60 terminal. It is recommended that this program be run from the user's `.profile` file by setting the value of `TERM` to be either `wyse` or `wyse60`. To run the `setwyse` program from your `.profile` file, add the following line to `.profile`:

```
if [ "$TERM" = "WYSE" ]
then
/usr/lib/INed/bin/setwyse
fi
```

The order in the terminal description file has been changed to increase performance when the editor is accessed. `AT386` and `wyse` are now listed immediately after after `DEFAULT`.

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