GRAPH/NET Computer Integrated Design System

Operating System

User's Guide to Features, Quirks and other Oddities

Any operating system still under development is bound to have features, quirks, and bugs. This document informs the user of all known oddities of the GRAPH/NET computer and its current operating system.

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I. Features and Oddities.

PARTITION

The Partition program does not turn off swapping. If the partition that is used for swapping is initialized, the computer must be rebooted.

The Partition program is case sensitive. A Partition name must be capitalized exactly as it is in the list printed by Partition.

TYPEFILE

If the TypeFile program thinks there is something wrong with the file it is displaying, it advises that the Scavenger program should be run. This is not necessary in the case of improperly closed files. If you want to correct the file length, run the Scavenger to rebuild directories and check file lengths.

Miscellaneous

When booting the system from a floppy, the hard disk must still be able to perform a "locate disk heads" operation.

Opening or closing the floppy drive door during I/O to the hard disk usually causes recoverable disk errors.

A ReadIn on the last line of a file that does not contain an end-of-line marker causes a run-time error.

Delete, Rename and Copy ignore extra arguments.

Directories can be easily overwritten by specifying a filename of the form "directoryName>" to many utilities.

If you dismount the system device the system may not be able to find the SHELL program and you will have to reboot PERQ.

Real numbers are not implemented.

II. Bugs.

EDITOR

The editor sets the default filename to the name typed on its command line. If the editor prompts for a filename, the default filename is not changed.

Miscellaneous

Specifying a wildcard character in the destination filename of many utilities (e.g. the Editor) may result in files whose names contain those characters. To delete, rename or copy such files, the Shell quote facility must be used. For example, to delete a file named *, the command:

```
delete *'*
```

must be used.

Repeated use of ^S and ^Q to control the display causes the computer to "beep". These "beeps" may be ignored.