Document for which no computer readable source exists any longer

Partial scan of original hardcopy (available on request) supplied
82. Usage of Hollerith strings

**HP** Hollerith values may be freely used if shorter than 8 characters, else are allowed only in formats and as subroutine arguments. This may be required to pass arguments to older system-dependent routines, which do not accept character arguments.

**IBM** Hollerith values may be used only in DATA and format statements.

**VAX** No info available.

83. Suppression of line feed

**HP** An underscore (as last character of a character string) in an output list inhibits the carriage return and line feed automatically generated at each end of record.

**IBM** There is no known way to inhibit carriage return and line feed at the end of record in an output list.

**VAX** The $ format descriptor is used to inhibit carriage return and line feed at the end of record in an output list.

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3. Cross correlation between file systems

In this section we give an overview of the file system and file i/o and management by Fortran programs for HP and IBM systems (see beginning of section 2 for details on current operating systems). No attempt is made here to reference the VAX case, due to lack of information. Boldface script is not used to evidence differences (actually most of the items are different indeed).

1. Disk structure

**HP** Each user may access a number of virtual disk areas (cartridges), identified by a logical unit number and/or a 2-character identifier. No tree directories are supported under FMGR.

**IBM** Each user may access a number of virtual disk areas, identified to the system by a virtual address, and to the user by a single filemode letter. No tree directories are supported.

2. Disk access

**HP** Each user may access in read/write private, temporary (pool), group and system cartridges. Group and system cartridges are shared among some (all) users. Access to some system cartridges is limited.

**IBM** Each user may access in read/write his own disks, and temporary disks. He may access in read only system disks, and other users' disk (if a link password is defined and an explicit link action is taken). Shared read/write access is subject to limitations.

3. File names

**HP** A file is identified under FMGR by a 6-character name. Additional specifications include a 2-char security code, the cartridge reference number, and a numeric file type (see below). No files with the same name may exist on the same cartridge, irrespective of the other specifications.

**IBM** A file name may not begin with a numeric character. Non-alphanumeric characters in file names are generally allowed.

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Fortran Compatibility 2- Languages

Fortran Compatibility 3- File systems