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BX.8.01, 01/14/66)

Identification

List, files, status
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Purpose

The three commands described provide information about the contents of a directory or about a specific entry in a directory. The list command prints a list of the contents of a directory or of a subset of the contents. The files command performs essentially the same function, but returns its results as a character string rather than printing those results and also returns full path names rather than entry names. It is intended to be used as a means of performing another command on a series of similarly-named segments. The status command prints extensive information about a single File System entry.

Usage of List

```
list pathname  
or list
```

Pathname is analyzed for "*" and "**" (see BX.8.00). If no arguments are provided, a list is provided of all branches and links in the working directory. Directory branches will be printed with trailing ">".

Examples

```
list system_library>alpha.**
```

Branches

```
alpha  
alpha.link  
alpha.symbol
```

Links

```
alpha.new >system_library_3>beta
```

Usage of files

files pathname

or files

The command returns a character string containing a list of names to the caller. Each name in the string is enclosed by quotes and separated from the other names by space and the new line character. When this string is reevaluated by the SHELL, it will be treated as an argument list.

Pathname is analyzed for "*" and "**", leading ">" and "<" (see BX.8.00). If no arguments are provided, 'files' returns a list of all entries in the working directory. Directory branches will be returned with a trailing ">".

Examples

1) print ([files *.ep1])

might produce the new command

```
print (a.ep1 b.ep1 c.ep1)
```

which would cause these three files to be printed.

2) link ([files >library>*.ep1]) =.ep1

would make links in the working directory to all 'ep1' files in >library.

3) rename ([files *.ep1]) =.pl/1

will rename all 'ep1' files in the working directory.

Usage of status

status pathname

Pathname is checked for leading ">", if not present the segment is relative to the working directory (see BX.8.00 for usage of ">" and "<" in pathnames). A trailing ">" is ignored.

Examples

status cml.error

W 826:18.7

branch: >user_dir_dir_>Southworth.MAC>cml.error

unique id: |BBDHqjggWFZMh
date used: 09/07/68 1424.4. EDT Sat
mode: read
bit length: 24192
current blocks: 1
maximum blocks: 23
ring brackets: 32 32 32

r 1.2 .6 4

status linkx

W 828:28.2

link: >user_dir_dir>Southworth.MAC>linkx
links to: >system_library>new_link

date link used: 09/07/68 1426.4 EDT Sat
date link modified: 09/07/68 1426.4 EDT Sat

r 1.0 .4 2