Chandra X-ray Center

AHELP for CIAO 3.4   **stat_is**   Context: slangrtl

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Synopsis

Parse the st_mode field of a stat structure

Syntax

```
Char_Type stat_is (String_Type type, Integer_Type st_mode)
```

Description

The stat_is function returns a signed character value about the type of file specified by st_mode. Specifically, type must be one of the strings:

```
"sock"      (socket)
"fifo"      (fifo)
"blk"       (block device)
"chr"       (character device)
"reg"       (regular file)
"lnk"       (link)
"dir"       (dir)
```

It returns a non−zero value if st_mode corresponds to type.

Example

The following example illustrates how to use the stat_is function to determine whether or not a file is a directory:

```
define is_directory (file)
{
   variable st;

   st = stat_file (file);
   if (st == NULL) return 0;
   return stat_is ("dir", st.st_mode);
}
```

See Also

slangrtl

chdir, chmod, chown, listdir, lstat_file, mkfifo, open, readlink, stat_file, umask

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