



AHELP for CIAO 3.4

stat_is

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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

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[chdir](#), [chmod](#), [chown](#), [listdir](#), [lstat file](#), [mkfifo](#), [open](#), [readlink](#), [stat file](#), [umask](#)

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http://cxc.harvard.edu/ciao3.4/stat_is.tm.html
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