



AHELP for CIAO 3.4

stat_file

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Synopsis

Get information about a file

Syntax

```
Struct_Type stat_file (String_Type file)
```

Description

The `stat_file` function returns information about file through the use of the system `stat` call. If the `stat` call fails, the function returns `NULL` and sets `errno` accordingly. If it is successful, it returns a `stat` structure with the following integer fields:

```
st_dev
st_ino
st_mode
st_nlink
st_uid
st_gid
st_rdev
st_size
st_atime
st_mtime
st_ctime
```

See the man page for `stat` for a discussion of these fields.

Example

The following example shows how the `stat_file` function may be used to get the size of a file:

```
define file_size (file)
{
    variable st;
    st = stat_file(file);
```

```
if (st == NULL) verror ("Unable to stat %s", file);
return st.st_size;
}
```

See Also

slangrit

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

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URL:
http://cxc.harvard.edu/ciao3.4/stat_file.tm.html
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