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*AHELP for CIAO 3.4*

## mkdir

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### Synopsis

Create a new directory

### Syntax

```
Integer_Type mkdir (String_Type dir, Integer_Type mode)
```

### Description

The mkdir function creates a directory whose name is specified by the dir parameter with permissions specified by mode. Upon success mkdir returns zero, or it returns -1 and sets errno accordingly. In particular, if the directory already exists, the function will fail and set errno to EEXIST.

### Example

```
define my_mkdir (dir)
{
    if (0 == mkdir (dir, 0777)) return;
    if (errno == EEXIST) return;
    perror ("mkdir %s failed: %s", dir, errno_string (errno));
}
```

The mode parameter may not be meaningful on all systems. On systems where it is meaningful, the actual permissions on the newly created directory are modified by the process's umask.

### See Also

*slangrtl*

[chdir](#), [clearerr](#), [errno](#), [errno\\_string](#), [fclose](#), [fdopen](#), [feof](#), [ferror](#), [fflush](#), [fgets](#), [fgetslines](#), [fileno](#), [fopen](#), [fputs](#), [fread](#), [fseek](#), [ftell](#), [fwrite](#), [getcwd](#), [isatty](#), [open](#), [popen](#), [remove](#), [rename](#), [rmdir](#)

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URL:  
<http://cxc.harvard.edu/ciao3.4/mkdir.tm.html>  
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