

NAME

Irccd.Directory - directory iteration and inspection API

SYNOPSIS

Irccd.Directory.Dot

Irccd.Directory.DotDot

Irccd.Directory.TypeDir

Irccd.Directory.TypeFile

Irccd.Directory.TypeLink

Irccd.Directory.TypeUnknown

Irccd.Directory(*path, flags*);

Irccd.Directory.find(*path, pattern, recursive = false*);

Irccd.Directory.mkdir(*path, mode = 0700*);

Irccd.Directory.remove(*path, recursive = false*);

Irccd.Directory.prototype.find(*pattern, recursive*);

Irccd.Directory.prototype.remove(*recursive = false*);

DESCRIPTION

This module can be used to iterate, find, remove or create directories.

Use this module with care.

CONSTANTS

The following constants properties are defined:

Dot (int) List "." directory.

DotDot (int) List ".." directory.

TypeDir (int) Entry is a directory.

TypeFile (int) Entry is a file.

TypeLink (int) Entry is a link.

TypeUnknown (int) Unknown type file.

METHODS

The **Irccd.Directory.find()** method finds an entry at root *path* by a pattern or a regular expression depending on the object *pattern*. The optional boolean argument *recursive* can be set to true to recursively find. Returns the path to the file if found.

The **Irccd.Directory.mkdir()** method creates the directory *path* and all its parents.

The **Irccd.Directory.remove()** method removes the directory *path* optionally recursively if boolean argument *recursive* is true.

The **Irccd.Directory()** function constructor opens a directory at the given *path*. The optional *flags* argument is a bitwise integer containing either *Irccd.Directory.Dot*, *Irccd.Directory.DotDot* to respectively list directories *.* and *...*. When constructed successfully, the object has the following properties:

<i>path</i> (string)	the path to the directory.
<i>entries</i> (array)	an array for each entry. See below

For each entry found, the array *entries* contains as many objects with the following properties:

<i>name</i> (string)	the base file name.
<i>type</i> (int)	the type of file (<i>Irccd.Directory.Type*</i>).

The **Irccd.Directory.prototype.find()** method is the synonym of **Irccd.Directory.find()** method but the path is taken from the directory object.

The **Irccd.Directory.prototype.remove()** method is a synonym of **Irccd.Directory.remove()** method but the path is taken from the directory object.

EXCEPTIONS

[*Irccd.SystemError*] On I/O errors.

[*Error*] On other errors.

SEE ALSO

irccd-api(3)

AUTHORS

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