
OSTools Documentation

Release 1.0.0

bluepython508

Jun 04, 2018

Contents:

1	Path	1
2	FilePath	3
3	OSTools Tutorial	5
4	Indices and tables	7
	Python Module Index	9

class `ostools.Path` (*envvar*='PATH')

This is a class for working with PATHs, like PATH or MANPATH.

It has the interface of a list. It loads the initial list from an environment variable, and converts each element into a *FilePath*, with `exist_required` set to false.

envvar

str – The environment variable to load the paths from.

items

list – The list of paths.

append (*item*)

This function functions like `list.append()`. It also converts the *item* into a *FilePath*, with `exist_required` set to false.

extend (*items*)

This function functions like `list.extend()`. It also converts each *item* into a *FilePath*, with `exist_required` set to false.

insert (*index*, *item*)

This function functions like `list.insert()`. It also converts the *item* into a *FilePath*, with `exist_required` set to false.

reload ()

Load the PATH from the environment variable specified in *envvar*, converting each element into a *FilePath*, with `exist_required` set to false.

class `ostools.FilePath` (*path=''*, *exist_required=True*, *ensure=None*, *lazy=False*)

This is a class similar to `pathlib.Path`.

path_list

list – The list of elements in the path. This can be modified manually.

exist_required

bool – Whether or not this path must exist. This can be modified manually.

ensure

str – Whether to create the file or directory automatically. Can be either ‘dir’, to make it a directory, or ‘file’ to make it a file. It will be created before the `FilePath.exist_required` check. This can be modified manually.

lazy

bool – Whether or not to run `FilePath.ensure` and `FilePath.exist_required` checks when accessing or modifying `FilePath.path()`. This can be modified manually.

CHAPTER 3

OSTools Tutorial

Todo: Write tutorial!

CHAPTER 4

Indices and tables

- `genindex`
- `modindex`
- `search`

O

ostools,??

A

`append()` (ostools.Path method), 1

E

`ensure` (ostools.FilePath attribute), 3

`envvar` (ostools.Path attribute), 1

`exist_required` (ostools.FilePath attribute), 3

`extend()` (ostools.Path method), 1

F

`FilePath` (class in ostools), 3

I

`insert()` (ostools.Path method), 1

`items` (ostools.Path attribute), 1

L

`lazy` (ostools.FilePath attribute), 3

O

`ostools` (module), 1

P

`Path` (class in ostools), 1

`path_list` (ostools.FilePath attribute), 3

R

`reload()` (ostools.Path method), 1