
py*utilityfuncs*

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Release v1.0.1

1.1 Subpackages

1.1.1 py_utility_funcs.fileOps package

Submodules

py_utility_funcs.fileOps.dirFuncs module

py_utility_funcs.fileOps.dirFuncs.**get_dir_size** (*path='.', display=False*)
Get Size of a Directory

```
import py_utility_funcs.fileOps as puf

dir_size = puf.get_dir_size(path = '.', display = False')
puf.get_dir_size(path = '.', display = True')
```

Parameters

- **path** (*str*) – Path of the directory (Relative or Absolute) (Default is path of directory from where the python script is executed)
- **display** (*bool, optional*) – A flag used to print the size to the console (Default is False).

Returns **size** – Total Size of the directory

Return type integer

py_utility_funcs.fileOps.dirFuncs.**get_subdir_sizes** (*dirName='.'*)
Print/Get Sizes of each sub folders in a Directory. (No recursion) Sizes are automatically displayed in KB/MB/GB/TB

```
import py_utility_funcs.fileOps as puf

subdir_sizes = puf.get_subdir_sizes(dirName = '.')
```

Parameters **dirName** (*str*) – Path of the directory [Relative or Absolute] (Default is path of directory from where the python script is executed)

Returns All the sub directory/folder sizes are displayed on terminal

Return type None

py_utility_funcs.fileOps.dirFuncs.get_subdir_sizes_in_dataframe (*dirName='.', display_df=True*)

Print/Get Sizes of each sub folders in a Directory sorted by size in descending order. (No recursion) Sizes are automatically displayed in MB. A pandas dataframe is also returned.

```
import py_utility_funcs.fileOps as puf

subdir_sizes_df = puf.get_subdir_sizes_in_dataframe(dirName = '.', display_df=True)
```

Parameters

- **dirName** (*str*) – Path of the directory [Relative or Absolute]. (Default is path of directory from where the python script is executed).
- **display_df** (*bool, optional*) – Flag to indicate whether to display the dataframe in terminal (Default is True).

Returns All the sub directory/folder sizes are displayed on terminal

Return type None

py_utility_funcs.fileOps.fileFuncs module

py_utility_funcs.fileOps.fileFuncs.file2list (*file, dtype=None*)
Read a file and get its content to a list

```
import py_utility_funcs.fileOps as puf

mylist = puf.file2list(file = 'your_file.txt')
```

Parameters **file** (*str*) – Path/Name of the File (Relative or Absolute)

Returns **listy** – contents of the input file in a list

Return type list

py_utility_funcs.fileOps.fileFuncs.find_file (*dirPath='.', regex='.txt'*)
Find Files in a directory by applying regular expression.

```
import py_utility_funcs.fileOps as puf

found_files = puf.find_file(dirPath = '.', regex = '.py')
```

Parameters

- **dirPath** (*str*) – Path of the directory (Relative or Absolute) (Default is path of directory from where the python script is executed)
- **regex** (*str*, *optional*) – Regular Expression (Regex) to applied to search files (Default is /txt Files).

Returns **matchedFiles** – file list matching the regex search

Return type file list

Module contents

1.2 Module contents

CHAPTER 2

Indices and tables

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