[Python’s OS Module](http://www.pythonforbeginners.com/systems-programming/pythons-os-module/)***2***

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Tags: [Modules](http://www.pythonforbeginners.com/tag/modules/) · [OS](http://www.pythonforbeginners.com/tag/os/)

Overview

The OS module in Python provides a way of using operating system dependent

functionality.

The functions that the OS module provides allows you to interface with the

underlying operating system that Python is running on – be that Windows, Mac or

Linux.

You can find important information about your location or about the process.

In this post I will show some of these functions.

OS functions

**import os**

Executing a shell command

**os.system()**

Get the users environment

**os.environ()**

#Returns the current working directory.

**os.getcwd()**

Return the real group id of the current process.

**os.getgid()**

Return the current process’s user id.

**os.getuid()**

Returns the real process ID of the current process.

**os.getpid()**

Set the current numeric umask and return the previous umask.

**os.umask(mask)**

Return information identifying the current operating system.

**os.uname()**

Change the root directory of the current process to path.

**os.chroot(path)**

Return a list of the entries in the directory given by path.

**os.listdir(path)**

Create a directory named path with numeric mode mode.

**os.mkdir(path)**

Recursive directory creation function.

**os.makedirs(path)**

Remove (delete) the file path.

**os.remove(path)**

Remove directories recursively.

**os.removedirs(path)**

Rename the file or directory src to dst.

**os.rename(src, dst)**

Remove (delete) the directory path.

**os.rmdir(path)**