[OS Module : Overview](http://www.pythonforbeginners.com/systems-programming/os-module-overview/)

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OS Module

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

functionality.

The os module also offers functions to find important information about your

location or about the process.

In this post I will show some of these functions.

OS Functions

import os

os.system() Executing a shell command

os.environ() Get the users environment

os.getcwd() Returns the current working directory.

os.getgid() Return the real group id of the current process.

os.getuid() Return the current process’s user id.

os.getpid() Returns the real process ID of the current process.

os.uname() Return information identifying the current OS.

os.chroot(path) Change the root directory of the current process to path

os.listdir(path) Return a list of the entries in the directory by path.

os.mkdir(path) Create a directory named path with numeric mode mode

os.makedirs(path) Recursive directory creation function

os.remove(path) Remove (delete) the file path

os.removedirs(path) Remove directories recursively

os.rename(src, dst) Rename the file or directory src to dst

os.rmdir(path) Remove (delete) the directory path

See the official [Python documentation](http://docs.python.org/2/library/os.html) for more usage of the OS module.