

# Python's os module

Python's os module is used to interact with the operating system. Let's explore it a little bit.

The **os** module has many uses. We won't be covering everything that it can do. Instead, we will get an overview of its uses and we'll also take a look at one of its sub-modules, known as **os.path**. Specifically, we will be covering the following:

- `os.name`
- `os.environ`
- `os.chdir()`
- `os.getcwd()`
- `os.getenv()`
- `os.putenv()`
- `os.mkdir()`
- `os.makedirs()`
- `os.remove()`
- `os.rename()`
- `os.rmdir()`
- `os.startfile()`
- `os.walk()`
- `os.path`

That looks like a lot to cover, but there is at least ten times as many other actions that the os module can do. This chapter is just going to give you a little taste of what's available. To use any of the methods mentioned in this section, you will need to import the **os** module, like this:

```
import os
```



Let's start learning how to use this module!