

Operating System Management Coding in Python

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OS Module

- *Complete list at:*

- <https://docs.python.org/3.6/library/os.html?highlight=os#module-os>

Not all methods or attributes are available on Windows!!

- Some other os file and directory methods.....

- `os.name`
- `os.chdir()`
- `os.getcwd()`
- `os.listdir()`
- `os.mkdir()`
- `os.rename()`
- `os.remove()`
- `os.rmdir()`

```
# Undefined module should be imported first!
```

```
#example
```

```
import os
```

OS Module

- Some other os file and directory methods.....
 - `os.environ`
 - `os.cpu_count()`
 - `os.execl("javac", "abc.java")`
 - `os.get_terminal_size()`
 - `os.getlogin()`
 - `os.getpid()`
 - `os.getenv('PATH')`

SYS Module

- OS module v.s. SYS module
 - Operating system dependent or Application (Python) specific system dependent

```
# Undefined module should be imported first!
```

```
#example
```

```
import sys
```

- Ex
 - `os.getenv('PATH')`
 - Returns a string
 - `sys.path`
 - Returns a list
 - `sys.argv`
 - `sys.hash_info`

MERCYBER
MSEC