

Lecture #10: OS and Path

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os Module

The OS module is a generic module for everything operating system related!

Some of this stuff CAN be operating-system dependent

Example Useful stuff

```
import os
os.mkdir("DIRECTORY") # makes a directory
os.system("neofetch") # run a command in a command-line
os.getcwd() # gets the current working directory
os.remove("FILE") # deletes a file
os.rmdir("DIRECTORY") # removes a directory
os.uname() # gets info about the current OS
```

os.path Module

os.path Module

os.path is a sub-module of `os` that has everything to do with path manipulation

Example Useful stuff

```
import os.path as path
path.abspath(".") # returns the absolute path from
↳ relative
path.exists("PATH") # whether the path exists or not
path.isfile("PATH") # whether the path is a file
path.isdir("PATH") # whether the path is a directory
path.join("PATH1", "PATH2") # intelligently merge two
↳ path segments
path.split("PATH") # splits the path into directory and
↳ file name
path.splitext("PATH") # splits path into root and
↳ extension
```

End

The end