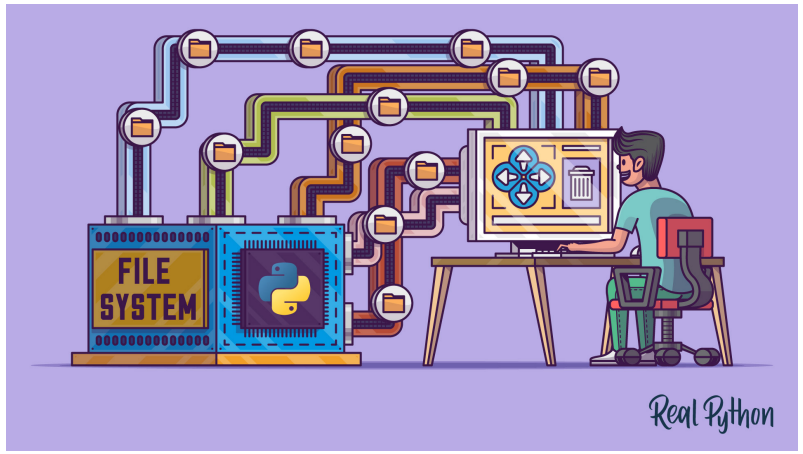


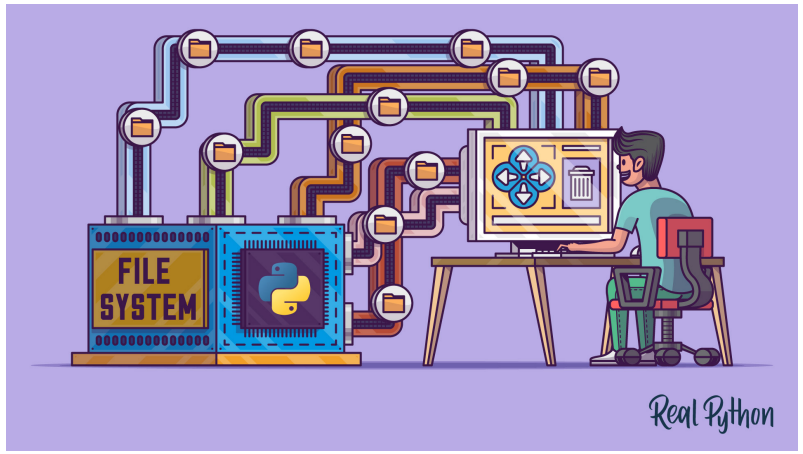
Working With Paths on Windows

```
>>> from pathlib import Path
>>> p = Path(r"C:\Users\phi\rp\hello.txt")
```

Check out the `pathlib` documention to explore all methods and properties.

Method	Returns	Description
`p.cwd()`	`WindowsPath('C:/Users/phi/rp')`	Get the current working directory
`p.home()`	`WindowsPath('C:/Users/phi')`	Get the user's home directory
`p.exists()`	`True`	Check if the path points to a file or folder
`p.is_dir()`	`False`	Check if the path points to a folder
`p.is_file()`	`True`	Check if the path points to a file
`p.with_suffix(".md)`	`WindowsPath('C:/Users/phi/rp/hello.md')`	Get the path with new extension
`p.with_stem("bye")`	`WindowsPath('C:/Users/phi/rp/bye.txt')`	Get the path with new filename
`p.with_name("bye.md")`	`WindowsPath('C:/Users/phi/rp/bye.md')`	Get the path with new filename and extension
`p.read_text(encoding="utf-8")`	`'Hello'`	Get the contents of a file as a string
`p.read_bytes()`	`b'Hello'`	Get the contents of a file as bytes

Property	Returns	Description
`p.drive`	`'C:'`	The path's drive letter or name
`p.root`	`'\\'`	The path's local or global root
`p.anchor`	`'C:\\'`	The concatenation of `.drive` and `.root`
`list(p.parents)`	`[WindowsPath('C:/Users/phi/rp, ..., WindowsPath('C:/')]`	The path's parents as `Path` objects
`p.parent`	`WindowsPath('C:/Users/phi/rp')`	The path's parent
`p.name`	`'hello.txt'`	The final path component
`p.suffix`	`'.txt'`	The file extension
`p.suffixes`	`['.txt']`	A list of all file extensions
`p.stem`	`'hello'`	The filename without extensions



Working With Paths on Linux and macOS

```
>>> from pathlib import Path
>>> p = Path("/Users/phi/rp/hello.txt")
```

Check out the `pathlib` documention to explore all methods and properties.

Method	Returns	Description
`p.cwd()`	`PosixPath('/Users/phi/rp')`	Get the current working directory
`p.home()`	`PosixPath('/Users/phi')`	Get the user's home directory
`p.exists()`	`True`	Check if the path points to a file or folder
`p.is_dir()`	`False`	Check if the path points to a folder
`p.is_file()`	`True`	Check if the path points to a file
`p.with_suffix(".md)`	`PosixPath('/Users/phi/rp/hello.md')`	Get the path with new extension
`p.with_stem("bye")`	`PosixPath('/Users/phi/rp/bye.txt')`	Get the path with new filename
`p.with_name("bye.md")`	`PosixPath('/Users/phi/rp/bye.md')`	Get the path with new filename and extension
`p.read_text(encoding="utf-8")`	`'Hello'`	Get the contents of a file as a string
`p.read_bytes()`	`b'Hello'`	Get the contents of a file as bytes

Property	Returns	Description
`p.drive`	`''`	The path's drive letter or name
`p.root`	`'/'`	The path's local or global root
`p.anchor`	`'/'`	The concatenation of `.drive` and `.root`
`list(p.parents)`	`[PosixPath('/Users/phi/rp'), ..., PosixPath('/')]`	The path's parents as `Path` objects
`p.parent`	`PosixPath('/Users/phi/rp')`	The path's parent
`p.name`	`'hello.txt'`	The final path component
`p.suffix`	`'.txt'`	The file extension
`p.suffixes`	`['.txt']`	A list of all file extensions
`p.stem`	`'hello'`	The filename without extensions