

lsof

Lists open files and the corresponding processes.

Note: Root privileges (or sudo) is required to list files opened by others.

- Find the processes that have a given file open:

```
lsof {{path/to/file}}
```

- Find the process that opened a local internet port:

```
lsof -i :{{port}}
```

- Only output the process ID (PID):

```
lsof -t {{path/to/file}}
```

- List files opened by the given user:

```
lsof -u {{username}}
```

- List files opened by the given command or process:

```
lsof -c {{process_or_command_name}}
```

- List files opened by a specific process, given its PID:

```
lsof -p {{PID}}
```

- List open files in a directory:

```
lsof +D {{path/to/directory}}
```