Writing Bash Scripts in Python

{ Sean Fisk
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```bash
#!/usr/bin/env bash

set -o errexit
set -o nounset

find . -name '*.py'
```

```python
#!/usr/bin/env python

import subprocess

subprocess.check_call(['find', '.', '-name', '*.py'])
```

Running Executables

```bash
#!/usr/bin/env bash

set -o errexit
set -o nounset


ls
```

```python
#!/usr/bin/env python

import os


for filename in os.listdir('.'):
    print(filename)
```

Listing Directories

```bash
#!/usr/bin/env bash

set -o errexit
set -o nounset

find . -exec stat '{}' \;
```

```python
#!/usr/bin/env python

import os
import subprocess

for dirpath, dirnames, filenames in os.walk('.'):
    subprocess.check_call(['stat', dirpath])
    for filename in filenames:
        filepath = os.path.join(dirpath, filename)
        subprocess.check_call(['stat', filepath])
```

Walking Hierarchies