

signac (core)

WORKSPACE

JOB

JOB

JOB

JOB

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Initialize jobs

```
9 pr = signac.init_project("MyProject")
10 pr.open_job({"a": 1}).init()
```

init.py



signac

JOB



signac\_statepoint.json



signac\_job\_document.json

JOB



signac\_statepoint.json



signac\_job\_document.json



results.txt



plot.png

signac-flow

Run simulation

```
13 @Project.operation
14 def simulate(job):
15     # Run simulation
```

Analyze data

```
25 @Project.operation
26 def analyze(job):
27     # Make results.txt
```

Visualize data

```
71 @Project.operation
72 def visualize(job):
73     # Make plot.png
```

project.py