

Nextflow

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Example code

Python  Nextflow 

```
import os
from textwrap import dedent

os.makedirs('workflows/nf/sample', exist_ok=True)

nf = dedent("""
nextflow.enable.dsl = 2

params.greeting = 'hello'
params.addressee = null

if (!params.addressee) exit 1, "required parameter 'addressee' missing"

process Greet {
    publishDir '/mnt/workflow/pubdir'
    input:
        val greeting
        val addressee

    output:
        path "output", emit: output_file

    script:
        """
        echo "${greeting} ${addressee}" | tee output
        """
}

workflow {
    Greet(params.greeting, params.addressee)
}

""").strip()
```

```
with open('workflows/nf/sample/main.nf', 'wt') as f:  
    f.write(nf)
```