

Tell Snakemake what files  
you want to be created

Produce the files  
you want to have from  
some intermediate  
result

Create a needed  
intermediate result

```
rule:  
  input: "A.txt", "B.txt", "C.txt"
```

```
rule:  
  input: "{sample}.inter"  
  output: "{sample}.txt"  
  shell: "somecommand {input} {output}"
```

```
rule:  
  input: "{sample}.in"  
  output: "{sample}.inter"  
  run:  
    somepythoncode()
```

Snakemake determines  
the dependencies  
for you

Use wildcards to write  
general rules  
for all samples

