```
а
                                                              C
                                                                  pepfile: "pep/config.yaml"
 scattergather:
                                                                  pepschema: "schemas/pep.yaml"
     someprocess=8
 rule scatter:
                                                                  rule all:
                                                                       input:
     output:
         scatter.someprocess("scattered/{scatteritem}.txt")
                                                                           expand(
                                                                               "results/{sample}.someresult.txt",
                                                                               sample=pep.sample_table["sample_name"]
 rule step2:
     input:
         "scattered/{scatteritem}.txt"
                                                               d
     output:
                                                                  def get results(wildcards):
         "transformed/{scatteritem}.txt"
                                                                       with checkpoints.qc.get().output[0].open() as f:
                                                                           qc = pd.read_csv(f, sep="\t")
 rule gather:
                                                                           return expand(
     input:
                                                                               "results/processed/{sample}.txt",
         gather.someprocess("transformed/{scatteritem}.txt")
                                                                               sample=gc[gc["some-value"] > 90.0]["sample"]
 rule step1:
                                                                  rule all:
     output:
                                                                       input:
         pipe("hello.txt")
     shell:
                                                                           get results
         "echo hello > {output}"
                                                                  checkpoint qc:
                                                                       input:
rule step2:
                                                                           expand("results/preprocessed/{sample}.txt", sample=samples)
     output:
                                                                       output:
         pipe("world.txt")
                                                                           "results/qc.tsv"
     shell:
                                                                       shell:
         "echo world > {output}"
                                                                           "perfom-qc {input} > {output}"
rule step2:
                                                                  rule process:
     input:
                                                                       input:
         "hello.txt",
                                                                           "results/preprocessed/{sample}.txt"
         "world.txt"
                                                                       output:
     output:
                                                                          "results/processed/{sample}.txt"
         "hello-world.txt"
                                                                       shell:
     shell:
                                                                          "process {input} > {output}"
         "cat {input} > {output}"
```