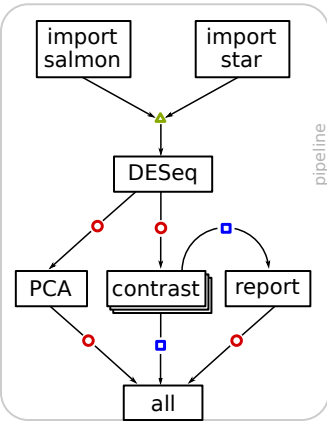


path handler (ph)

- file path
- ▣ expand path
- ▲ choose input



rule <name>:

input:

```
A = ph.choose_input(...),
B = ph.file_path(...),
C = config["..."]
```

output:

```
A = ph.file_path(<name>, ...)
```

log:

```
r_output = ph.file_path(<name>, ..., log=True),
r_script = ph.file_path(<name>, ..., log=True)
```

run:

```
param1 = config["..."]
script = textwrap.dedent(r"""
library(lib)
{R_SESSION_INFO}
if(TRUE){
  x <- c("{input.A}", "{input.B}")
  y <- "{input.C}"
  result <- libfunction({param1}, x, y)
}
saveFunc("{output.A}", result, sep="\t")
""")
with open(log.r_script, "w") as f:
  f.write(snakemake_format(script))
shell("Rscript --vanilla '{log.r_script}' "
      "&> '{log.r_output}'")
```