

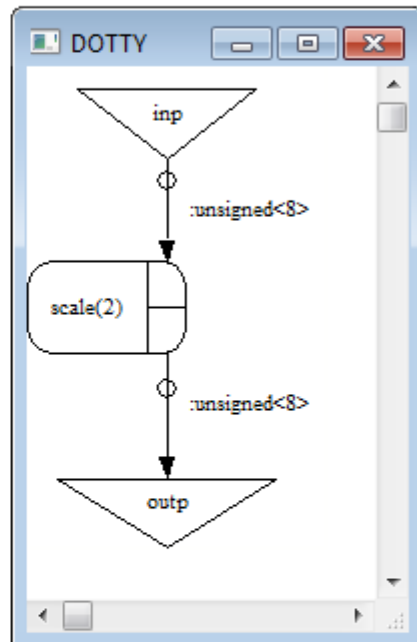


main.cph

```
actor scale (k: unsigned<8>)
  in (i:unsigned<8>)
  out (o:unsigned<8>)
  rules i -> o
  | x -> k*x
  ;

stream inp:unsigned<8> from "sample.txt";
stream outp:unsigned<8> to "result.txt";

net outp = scale 2 inp;
```



```
> "C:\Program Files\Caph\bin\caphc" -prefix main -dot main.cph
```

```
# -----
# This is the Caph compiler, version 2.8.3
# (C) 2011-2017 J. Serot (Jocelyn.Serot@univ-bpdermont.fr)
# For more information, see : http://caph.univ-bpdermont.fr
# -----
```

```
# Wrote file .\main.dot
```

```
> "C:\Program Files\Graphviz\bin\dot.exe" .\main.dot
```