

data Module =
data Class =
data Method =
data Stat =
data Expr =
data Decl =
data Type =

type ESem **a b c d e f**
= ((...,...,...) , (...,...) , (...,...,...,...,...,...) , ...

compSem :: ESem

Attributes
that are passed
top-down

(..... →)
(..... →)
(..... →)
(..... →)
(..... →)
(..... →)
(..... →)

Attributes
that are
generated
bottom-up

compSem = (...dozens of functions...)