

Parametric polymorphism

`id :: a -> a`

`id x = x`

`len :: [a] -> Int`

`len [] = 0`

`len (x:xs) = len xs + 1`

`(++) :: [a] -> [a] -> [a]`

`[] ++ ys = ys`

`(x:xs) ++ ys = x:(xs ++ ys)`

HASKELL-classes and instances

topdecl \rightarrow ...
| **class** tyconstr var [**where** {cdecl₁; ...; cdecl_n}], $n \geq 1$
| **instance** tyconstr instype [**where** {cdecl₁; ...; cdecl_n}]

cdecl \rightarrow typeddecl | fundecl | infixdecl | var rhs

instype \rightarrow (tyconstr var₁ ... var_n), $n \geq 0$
| [var]
| (var₁ \rightarrow var₂)
| (var₁, ..., var_n), $n \geq 2$

idecl \rightarrow fundecl | var rhs

