

" 3 + 4 * 5 "

:: String

parseExpr

Add (Con 3) (Mul (Con 4) (Con 5))

:: Expr

evalExpr
= foldE s **where**
s = (...,...,...)
s::ESem **Int**

23

:: Int

compileExpr
= foldE s **where**
s = (...,...,...)
s::ESem **Code**

Push 3
Push 4
Push 5
Apply (*)
Apply (+)

:: Code

runCode