

The Evolution of Language

$2x$

(Descartes)

$\lambda x.2x$

(Church)

(LAMBDA (X) (* 2 X))

(McCarthy)

<?xml version="1.0"?>

(W3C)

<LAMBDA-TERM>

<VAR-LIST>

<VAR> X </VAR>

</VAR-LIST>

<EXPR>

<APPLICATION>

<EXPR> <CONST> * </CONST> </EXPR>

<ARGUMENT-LIST>

<EXPR> <CONST> 2 </CONST> </EXPR>

<EXPR> <VAR> X </VAR> </EXPR>

</ARGUMENT-LIST>

</APPLICATION>

</EXPR>

</LAMBDA-TERM>