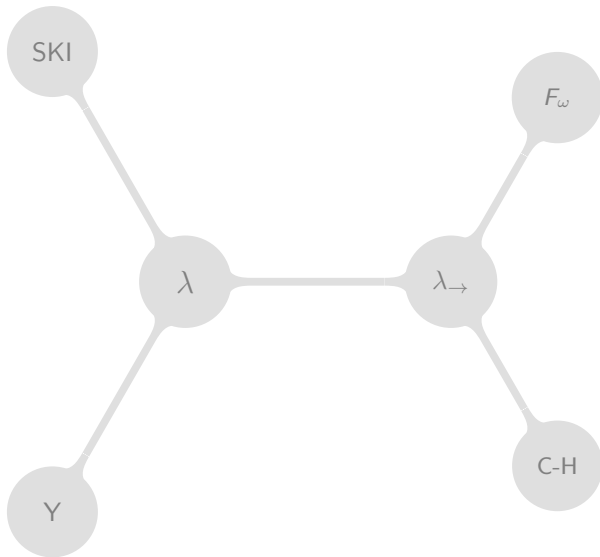


Introduction to Lambda Calculus

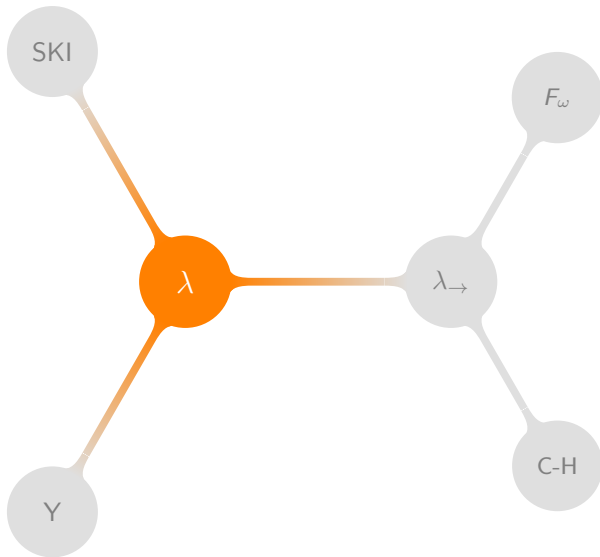
Maciek Makowski (@mmakowski)

10th August 2014

The Plan



Basic Lambda Calculus



Syntax

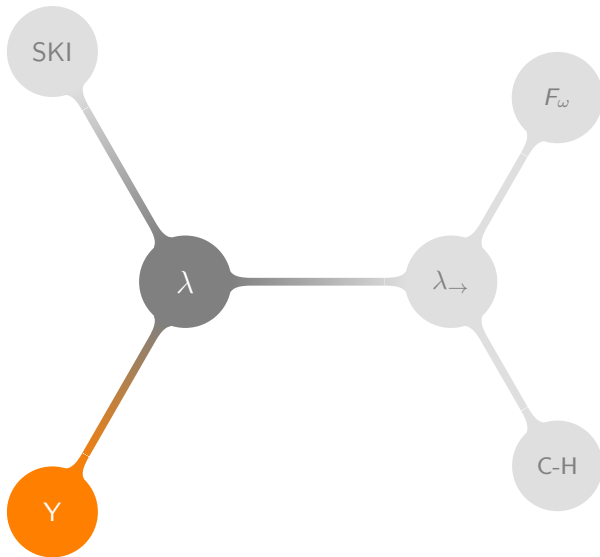
$\langle term \rangle ::= x$	(variable)
$(\lambda x. \langle term \rangle)$	(abstraction)
$(\langle term \rangle \langle term \rangle)$	(application)

where $x \in \mathbb{X}$ – the set of variables

Syntax

TODO: examples

Programming in Lambda Calculus



Simple Types

