Type systems with first class polymorphisms using Attribute Grammars

Master thesis defense

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2 Attribute Grammars

3 HML

4 Implementation

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Type inferencing

"Type inference refers to the ability to deduce automatically the type of an expression in a programming language."

Type inferencing

> *"Type inference refers to the ability to deduce automatically the type of an expression in a programming language."*

For example the *identity* function $\lambda x \rightarrow x$

Hindley-Milner

Higher-rank types

SystemF

The problem

Goal

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