A typed λ-calculus, *TL*

Principles of Programming Languages

Mark Armstrong

Fall 2020

1 Preamble

1.1 TODO Notable references

:TODO:

1.2 TODO Table of contents

2 Introduction

In this section we extend our previously considered untyped λ-calculus by defining a typing relation, essentially adding type checking (enforcement).

:TODO: Is this appropriate at this stage? We then investigate adding some algebraic type formers to the language. This involves the introduction of a rudimentary form of pattern matching.

3 The simply typed λ-calculus

:TODO:

4 "Simple extensions" to the simply typed λ-calculus

:TODO: