Disjoint Union Types in P0

Project 9 / Group 8

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What are Disjoint Union Types?

This is a text in the first frame. This is a text in the first frame. This is a text in the first frame.

How were they implemented?

Grammar Changes

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Example: Maybe & Either

Example: Lists

Example: Strings

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Memory Impact & Management

Each instance of an ADT is located on the heap, and instances of local/global ADTs are pointers to the locations of their corresponding ADT on the heap.

Design Decisions

Notes on Runtimes

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Better Memory Management

Built-in ADTs!

References