



JsPL

*Write a library in three
languages simultaneously!*

Website: <https://jspl.merzin.dev>

Source: <https://github.com/rasmusmerzin/jspl>

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First year of Mathematical Statistics,

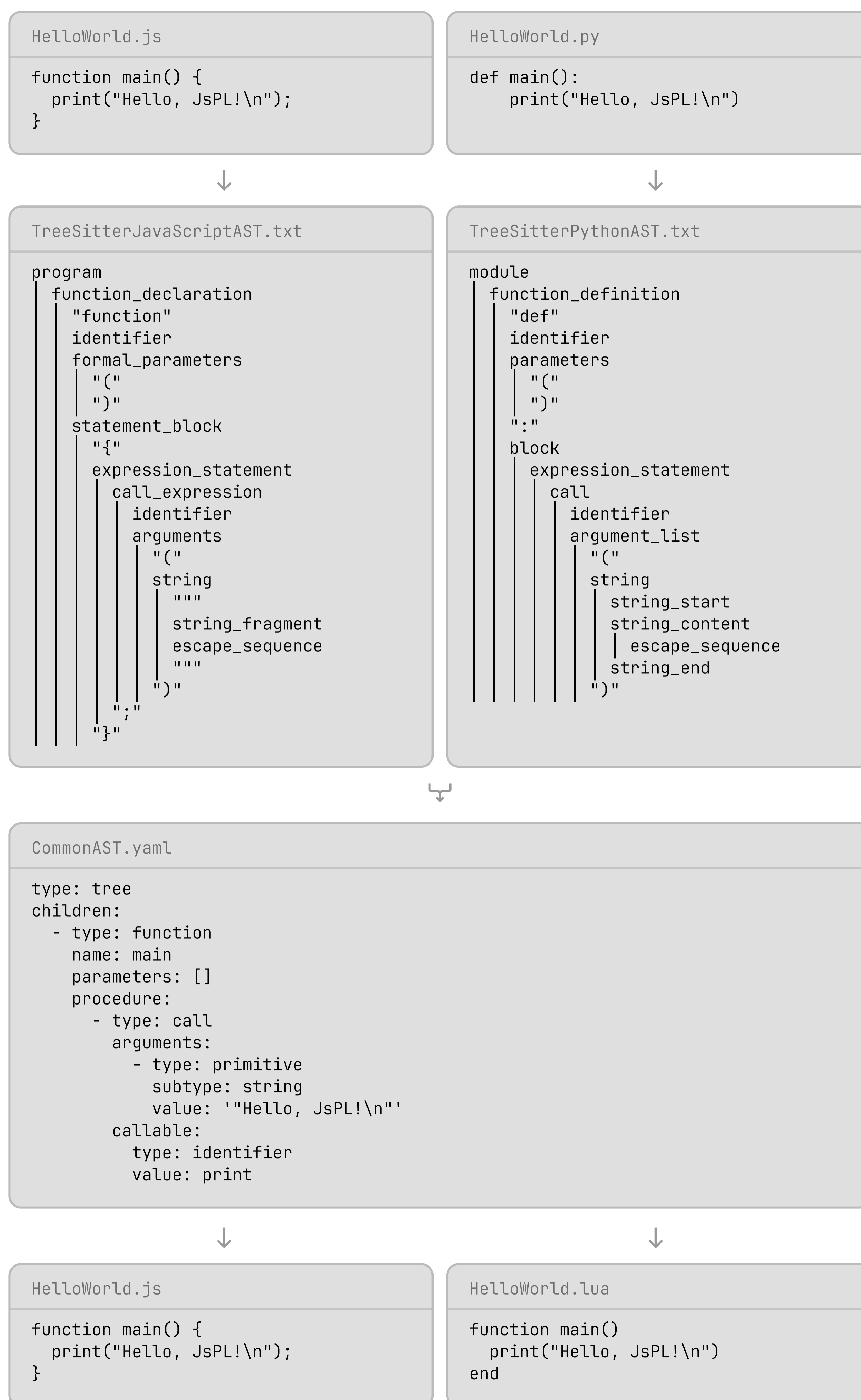
Bachelor's

Faculty of Science and Technology

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JsPL is a JavaScript-Python-Lua 3-way transpiler made using Tree-sitter, a powerful parser generator tool that enables accurate syntax tree construction for code analysis and transformation. This project aims to facilitate seamless code conversion between these three popular programming languages by leveraging Tree-sitter's robust grammars to parse, analyze, and generate equivalent syntax across language boundaries. By creating a unified intermediate representation and implementing precise code generation rules, this transpiler will help developers prototype across ecosystems or explore polyglot programming with greater ease.

Transpilation



While Loop Example

