

AV Compiler

A compiler project to translate AV to javascript.
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AV Specifications

- AV supports integer datatypes. Lists and arrays are not supported in this version. Boolean support for for loops is also provided. You cannot declare boolean variables.
- AV supports conditional and iterative statements.
- The syntax is almost like C, except we have removed function complications.
- Declarations are to be made on the go (like in python). Type inference is trivial, only integers.

Attempt and Progress

- We have attempted C to Javascript. But bcz we didn't incorporate functions, the language was a little different from C: AV.
- To make a lexer
- To make a parser
- To generate the abstract syntax tree