

Milestone 1b

Parser for μ -Opal

Assignment Parser

Implement a recursive-descent parser based on your LL(1) grammar of milestone 1a that returns the abstract syntax of the input program. Your parser must implement a minimal error handling: it stops on the first syntax error encountered and gives a descriptive error message with a precise source location.

The μ -Opal compiler template contains the parser combinators from the exercise class (in the file `lib/parsercombinators_2.11-0.1.0.jar`). You may use these combinators or use a manual style to implement your parser.

Submit the source tree of your μ -Opal compiler implementation including your implementation of the parser.

File to modify: `Parser.scala`