

Exercise 12: Implementation of the Parser

Implement the complete parser of MicroJava according to the grammar in Appendix A. Implement error handling with specific anchors and choose the start of declarations (in Program) as well as the start of Statement as synchronization points.

Then download the file TestParser.zip from <https://ssw.jku.at/CompilerBuch> and use it to test your parser. All syntax errors in the sample program BuggyParserInput.mj (in TestParser.zip) should be reported.

Solution

The parser is implemented as a class Parser that can be downloaded from [Parser.java](#).