

Parser

Overview of the files:

1. Inside the **lib** folder you can find the latest version of antlr: antlr-4.5.3-complete.jar. (<http://www.antlr.org/>)
2. Inside the folder **parsing** you can find the file MicroC.g4, which contains the grammar rules for our parser. The rest of the files in that folder are generated everytime you run antlr on the grammar MicroC.g4. For now you do not have to do anything with them. Further explanation will be given later, on the future lectures.
3. Inside the folder **MicroC_language** you can find the main program MicroC.java, which is used to parse a program written in MicroC.
4. Inside the folder **tests** you can put your example programs written in MicroC. The example programs should have .microC as an extension.

If you are a windows user you can run the parser on the command line using the command "antlr MicroC yourprogram.microC", where yourprogram.microC is your example program. For mac users you can find details regarding the installation of antlr here: <https://github.com/antlr/antlr4/blob/master/doc/getting-started.md>