

Phase 4: Compiler Extension

Compiler Construction
Radboud University

May 5, 2020

1 Extension

The final assignment of the course is to design and implement an extension to the Simple Programming Language (SPL) compiler.

2 Proposal

Hand in your extension proposal before the presentations of assignment 3. The proposal contains the extension idea described in a couple of paragraphs.

3 Deliverables

You have to give a presentation about your extension. In this presentation you tell the other students in detail how the extension works. Furthermore, start writing the fourth chapter of the report regarding the extension by for example elaborating on the following questions¹.

- What extension did you create?
- What needed to be changed in the compiler phases to accommodate for this?
- What difficulties arose?
- ...

¹The provided skeleton for the report is mandatory and can be found here: <https://gitlab.science.ru.nl/compilerconstruction/material/>