

Compiler Assignment 2

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Project Overview

Most of the project's structure is defined by the assignment handouts. The simple compiler is located at `yapl/compiler/simple/Grammar21.jj`. The YAPL compiler is located at `yapl/compiler/Yapl.jj`. The Ant build file was renamed to `build.xml` and is located in the root directory of the project. Needed libraries are stored in the `lib` folder.

Ant

The ant build file is located at `./build.xml`. It was renamed to match the submission guidelines.

Mentionable Targets

Ant target	Description	Parameters to overwrite	Notes
<code>clean</code>	Removes all generated output		
<code>compile-java</code>	Creates Java source and class files from the main jj file	<code>javacc</code> (path to the folder containing the JavaCC zip or jar)	default
<code>run</code>	Runs the parser for a given YAPL file	<code>yapl</code> (path to the file)	depends <code>compile-java</code>
<code>run-scanner</code>	Runs the scanner for a given YAPL file	<code>yapl</code> (path to the file)	depends <code>compile-java</code>
<code>compile-simple</code>	Creates Java source and class files from our simple scanner	<code>javacc</code> (path to the folder containing the JavaCC zip or jar)	
<code>run-simple</code>	Runs the simple parser with some input	<code>simple-input</code> (the input, eg. "abc")	depends <code>compile-simple</code>

Notes:

`run` requires the name of the YAPL source code file and works according to task 2.3.

`run-scanner` is called like `run` but will only print the tokens according to task 2.2.

`run-simple` checks an input passed by the parameter according to task 2.1.f.