

User Manual

For Pascal to Mips Compiler

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1 Using the compiler

Below is a series of steps in order to take your Pascal code and create mips assembly code.

1. Open the command prompt or terminal on your computer
2. Navigate to the directory that contains Compiler.jar
3. Enter the following into the command line: **java -jar Compiler.jar pascalfile.pas**

There should be three new files in the directory that Compiler.jar was run in. If not, reference section 2

- *pascalfilename.asm* : the compiled assembly code
- *pascalfilename.table* : the symbol table of variables delacred
- *pascalfilename.tree*: syntax tree of the pascal code

The .asm can be run in [QtSpim](#) - a simulator for MIPS assembly code. The interface can be seen below.

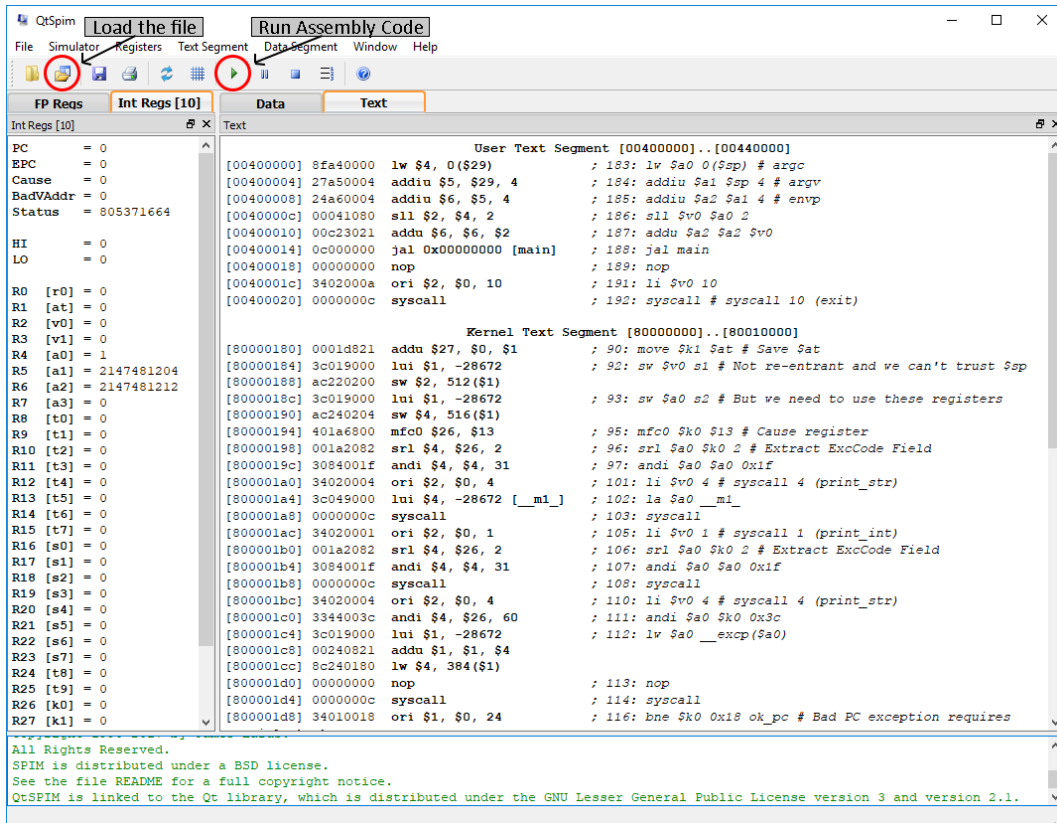


Figure 1: QtSpim Interface

2 Error Handling