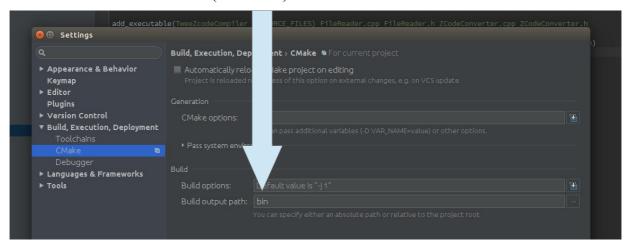
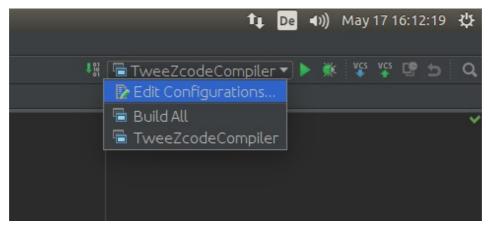
Valgrind in Clion

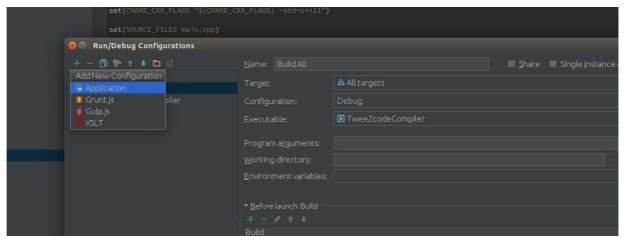
- ➤ install valgrind (Ubuntu Software Center → search: valgrind → install: Instrumentation framework for building dynamic analysis tools)
- ➤ Set an output path for compiled binary (File → settings → build, execution, deployement → cmake). To create a folder in your working directory simply insert a name for a folder (here: bin):



> open edit configuration window:

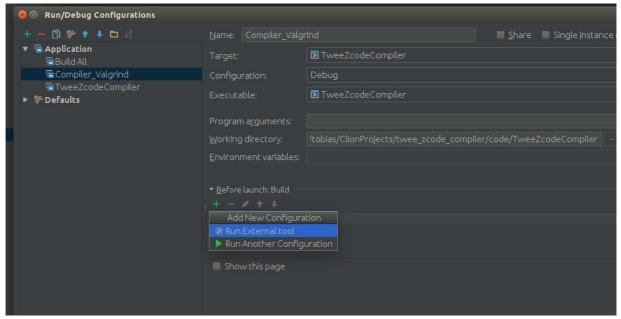


➤ Add new Application configuration:

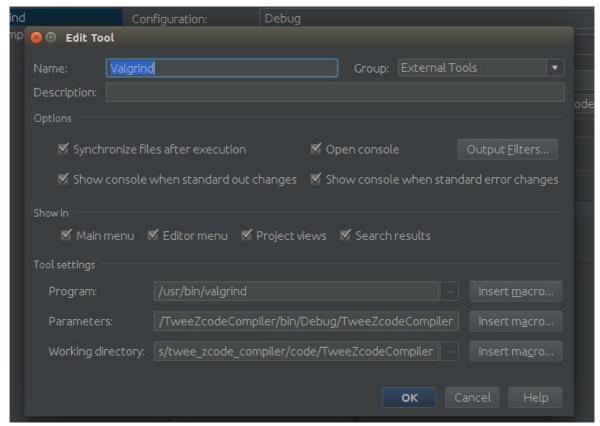


Tobias Schülke

- ➤ Rename configuration to remind you it will compile with valgrind (here: CONF NAME), select executable and your working directory
- > add new external tool:



- > select the '+' symbol
- ➤ Cofigure valgrind. These are my settings:



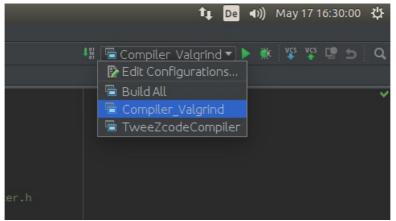
∘ Set Tool settings → Program to valgrind path

Tobias Schülke

Set Tool settings → parameters to
--leak-check=yes -track origins=yes /path_to_
working dir/bin/Debug/CONF NAME

my parameters are:

- --leak-check=yes -track origins=yes /home/tobias/ClionProjects/twee_zcode_compiler/code/TweeZcodeCompile r/bin/Debug/TweeZcodeCompiler_Valgrind
- ∘ Set Tool settings → "Working directory" to your working directory
- o Finally click OK in this window and the underlying one
- > click Apply and OK to exit the last window
- > you can change between you configurations with and without valgrind here:



> Select your valgrind configuration and click Run (green arrow). Valgrind logs (e.g. heap & leak summary) will be printed in red to the console:

