"Implementation Generator"

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Sprint Report #3

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Introduction

- Gets rid of tedious work

- Convenient for developers

- Implementation files are something that every C++ developer needs to make

The Idea

- Generates a .cpp or .cc file based upon the the header file of a class.

- All functions with their signatures are generated and the header file is included.

- Default parameter names are given.

- Default return values are returned from each function.

Sprint #3 Plan

- Generate remaining function signatures

- Add default parameter names and default return values

- Exclude abstract classes

- Lets the user compile the new .cpp file right away

Sprint #3: Things that went well

- Adding the essential requirements went smoothly

- Two researchers, one coder

- Pair programming

- Able to implement a working plugin

DEMO

Future Features to Implement

- Allow to use the plugin to update the .cpp file if already created

- Ease of use (Keyboard shortcut)

- Allow to look at entire project and run on all header files