

Minor Report 1

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Progress This Week

So far this week I have:

- Created a git repository at: <https://github.com/gregJohnRob/FourthYearProject>
- Managed to convert the Function Pass version of my code to a Module Pass thanks to: [2]
- Created code to get all of the annotations in a program with help from [1]
- Finished setting up the reporting system for now
- Decided to use `__attribute__((annotate("")))` for getting the annotations from high level C to the IR

Aims For Next Week

I feel that it would be best to discuss with you what you think the best move would be. However I believe that I should:

- Look into how LLVM constructs the individual instructions **Easy**
- How to extract information from individual instructions **Easy**

Questions

I do not have any questions for you at the moment. However, I will try to think of some for tomorrow.

References

- [1] Brandon Holt. *Quick LLVM Tricks*. 2016. URL: <http://homes.cs.washington.edu/~bholt/posts/llvm-quick-tricks.html>.
- [2] Bernard Nongpoh. *LLVM pass: Error when iterating over Module functions list*. URL: <http://stackoverflow.com/questions/36308903/llvm-pass-error-when-iterating-over-module-functions-list>.