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Pittsburgh, PA 15289

May 6, 2015

Mr. Thomas M. Keating  
Assistant Teaching Professor  
School of Computer Science  
Pittsburgh, PA 15289

Dear Mr. Keating:

Included with this letter is our team's final report for the browser-based debugger for the c0 language called c0db. The purpose of the report is to update you on our progress and to explain and discuss our results.

The report describes the problem addressed by our project, our approach to solve it, the results we were able to achieve, our challenges and struggles, the lessons we learned throughout the progress we made, and some recommendations on how we or another group can continue to build on our existing platform.

If you have any further questions or comments, please contact us at shyamsur@andrew.cmu.edu.

Sincerely,

Shyam Raghavan

encl: project final paper for c0db

# Final Report

## The C0 Debugger

Submitted to  
Mr. Thomas M. Keating  
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May 6, 2015

### **Abstract**

This project is a proposal for C0 Debugger, a browser-based debugger for the C0 programming language. Students in Carnegie Mellon University's 15-122: Principles of Imperative Computation and other classes learn to program in C0. This project will allow students to better write C0 code by providing a powerful and easy-to-use system for debugging their C0 programs. This proposal goes over a detailed plan for how our team will create the C0 Debugger.

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