**Fluency**

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| **When** | March 2010 - May 2010 |
| **Technologies** | Java, Swing, Webstart, Log4J, JUnit |
| **Project Site** | [Fluency at Knownspace](http://fluency.knownspace.org/) |
| **Source** | [Project Source at Knownspace](http://code.google.com/p/ambienttrust/) |
| **License** | Apache 2.0 |

**Description**

During my graduate studies (unfinished) I had the opportunity to participate in an open-source project that aimed to create a multi-platform Java application that non-technical users could use to build functional applications visually. This project is on-going and can be used in its alpha stages. I was chosen to work on this project as part of work for a Masters-level Java Design Patterns course at Indiana University by Professor Gregory Rawlins . I played a major role in redesigning the User Experience of a key functional component of the application, and also assisted with Technical Implementation.

I worked on this project as a three-man team for two months with two other Java Developers. The main goal of this two-month engagement was to redesign and implement a key component of how a user defines the functionality of an application they are creating. We also redesigned much of the look-and-feel of the application, as well as identified and documented critical User Experience flaws of the application.

The result of my participation during this two-month engagement was numerous code and design contributions to the existing open-source application, which can be viewed at the repository listed above. To see examples of our team’s work, please see the below videos.