15-300 Assignment 5: Milestone 1 Report

**Major Changes:** It seems as though Prof. Aldrich and his team have finished implementing the project regarding translating lambda expressions in Wyvern. Since this was my first intended project, I have decided instead to start with calling simple Java functions in Wyvern. This is probably for the best because the safely-composable DSL's feature of Wyvern is the feature that interests me most to begin with.

**What Have I Accomplished So Far:** I have mostly achieved the goals I set for my first milestone. I've read the relevant documentation on Wyvern (the research papers on Prof. Aldrich's website), gone over the code in the Github repo, and decided to stick with the order of projects as listed in my project proposal. However, I still have to meet with Prof. Aldrich to finalize my decision to work on Wyvern.

**Meeting My Milestone:** As mentioned already, the only part of my milestone that I haven't met is arranging a final meeting with Prof. Aldrich before semester's end, and that's due to scheduling conflicts for finals week. I might have to settle for an email exchange, but that should still allow me to discuss with him what I need to discuss.

**Surprises:** There haven't been any surprises with the project so far. I understand the purpose of Wyvern and what has yet to be completed in the implementation of the language. One minor surprise is that Prof. Aldrich has a student at Pitt working pretty closely with him on this project, so he and I might get to work together as well.

**Revisions to Other Milestones:** As mentioned in "major changes", I've decided to work on the "calling Java functions" subproject due to the "translating lambda expressions" subproject having already been completed. This doesn't change my timeline that much except that I'll be working on a different project for my first two biweekly milestones.

**Resources Needed:** I have yet to download the Java 8 JDK or Eclipse Kepler. These can be downloaded from the Internet at any time, and I plan to do so over winter break when I can focus on Wyvern (with finals and last assignments to hand-in these next two weeks).