

Homework 4: Project Work

This will be due April 19.

In this homework you will finish your semester project.

Turn in this homework on paper during class.

1. (200 points) Finish your semester project, which should involve 3 static analysis questions. Turn in on paper enough so that we can understand what you have done. Appropriate overview and/or comments will be helpful. Hand in your source files (but no generated files!) on paper.

We recommend that you use JastAdd (see <http://jastadd.org>). For working with JastAdd, you should read the on-line documentation, especially the reference manual. Also, it's useful to start with an existing JastAdd sample project (see <http://jastadd.org/projects>), such as PicoJava, and modify it to suit your language.

You can use our WHILE language as a sample project also. The Unix command for anonymous checkout is:

```
svn checkout http://refine.eecs.ucf.edu/svn/proganalysis/WHILE/trunk WHILE
```

and the URL <http://refine.eecs.ucf.edu/svn/proganalysis> can be used with tools like Eclipse, but check out the WHILE/trunk if you are working with Eclipse. If you have permission problems with SVN, browse to <http://refine.eecs.ucf.edu/gf> and get a login, then send the instructor an email about the problem.

2. (50 points) For this problem we will have you present your project to the class on either April 21 or 26. You can have up to 1/2 hour to present your project. You can use the whiteboard or computer projection to assist in presenting your work.