

CPR/SE 491 Weekly Report MAY 15-10 Week 3 (9/15/14-9/21/14)

Advisors: Ruchi Chaudhary Client: Ruchi Chaudhary

Members (roles): Ben -- Team leader

Cole -- Team Key Concept Holder

Ian -- Webmaster

Paul -- Communication Leader

Project Title: Gene Tree Improvement Tool / TreeFix

Weekly Summary

The goal for this week was to have everyone download, install, and run a test case to make sure the program was working correctly. We achieved this goal as every member now has Treefix up and running on their machines. We did not have a meeting with our advisor this week due to them being too busy, but the team met together to discuss goals, and progress made on the project.

Meeting notes:

9/21 Group Meeting

Duration: 1.5hr

Members Present: All

Purpose and Goals:

To complete the weekly report, start developing the project plan, and going through the Treefix code to figure out what needs to be refactored.

Pending issues

1. Understand how the Treefix code is split up, and understand what sections we need to refactor.

Plans for next week

1. Have questions prepared for our skype meeting with Prof. J. Gordon Burleigh on friday so we will have a better understanding of what our customer wants.
2. Start developing basic project plan
3. Start developing basic web site

Individual Contributions(this week)

Ian Ray read portions of TreeFix research paper, revisited project-important concepts like phylogeny, bayesian inferencing. (1 hr)

Cole Poffenberger: Reviewed and installed TreeFix (1h)
Research on gene trees. (30 mi)

Paul Leichty: downloaded and installed Treefix, ran a test case analysis, and started looking through the code. (1.5 hrs)

Ben Streit: Set up the treefix program and all of the programs necessary with it. Looked through the source code to accustom myself to it.

Total contributions for the project

Ben (4.75 hr)

Cole(4.25 hr)

Ian(3.5 hr)

Paul(3.25 hr)