

Cpr E 491 May 1639 Weekly Report 4

Web platform for collecting and indexing publicly available information about common Java files

Reporting period: September 22nd - September 28th

Advisor/Client: Professor Rajan (Com S)

Members: Evan Dye (Team Leader)
Arik Coats (Web Master)
Robert Kloster (Communication Leader)

Weekly Summary:

- The team has been split into two separate teams to both streamline communication and meeting times, and to achieve different, though related, goals:
 - May1620 are tasked with finding a socio-technical solution for specification inference.
 - May1639 are tasked with developing a question-and-answer style web platform to collect and index publicly available data about common java files.
- Met with the professor for the third time
- Received high-level summary of task assignment between the two sub-teams, including an overview of Dr. Rajan's vision for the project in the first semester.
- Discussed how to go about writing the first project plan.

Goals for next week:

- Re-assess the new sub-team's availability to potentially re-schedule meeting times, both with Dr. Rajan and without.
- Contact Mani Mina to acquire a website for the newly formed May1639 team.
- Implement and develop the team website.
- Develop the first version of the project plans.
- Search for a viable alternative to grepcode to acquire source code.
- Discuss the viability of using MyBB or NodeBB, or consider other options.

Name	Hours Spent	Contributions	Results
Evan Dye	4	<ul style="list-style-type: none">• Investigated the differences between two proposed discussion frameworks: MyBB and NodeBB.	NodeBB contains many features useful to modern discussions, including social media integration and common social features such as groups, in addition to containing most of the useful features of MyBB. In MyBB's favor, MyBB has been around for about 10 years compared to NodeBB's 2 or 3 years, giving it a larger community to use as a reference. In

			addition, MyBB is free, while the extent to which NodeBB is free is still unclear.
Arik Coats	4	<ul style="list-style-type: none"> • Researched ways to gather source code from grepcode.com 	Grepcode cannot be used in the way we intended. Grepcode requires that you provide specific names for project, package, version, class etc. in order to obtain source files. One possible solution might be to obtain the jar files and parse them manually.
Robert Kloster	4	<ul style="list-style-type: none"> • Researching grepcode for potential use in gathering source code • Organized and submitted the weekly report 	Grepcode is not as useful as once realized; without the name of the specific project, package, class, or method, grepcode cannot provide the source code, so can't just blindly get the names of all the methods and classes.

High Level Diagram of Current Project Goals; May1639

