

page for potential (bug and research) projects. Try to read the abstracts/skim a few of the papers below. We will have one required reading for next week:

"A Case Study of Open Source Software Development: The Apache Server"



22 September - 28 September

Lecture on OSS Licenses

Research Project

Start to fill in the paper outline. You should be able to write the title, 1 to 3 reserach questions, and a one paragraph summary of your most important reference. If you are only doing a research paper start writing your introduction. Please also go to GitHub and setup a student account. Create a repo call SOEN691_YourName and put the document in there. Share it with rigbypc.

Bug Fix Project

Finish Milestone 1

Deadlines

Ideally you should get a good start or finish on the above by Friday. If you're working on both, please try and choose a bug fix project, select a research title, and research question.



29 September - 5 October

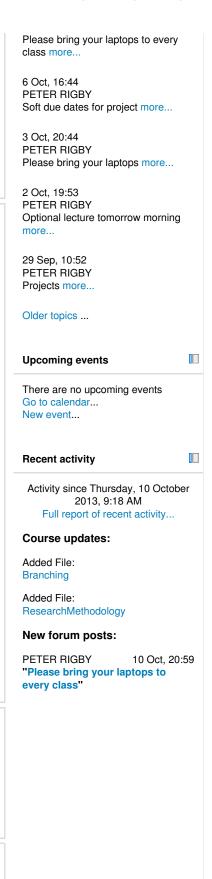
OSS Business Models

Individual discussions of project data



6 October - 12 October

Patching, Branching, and Releasing



Research Methodologies

Cleaning data and paper writing

Project: Background and Literature (Due: Oct 10 @ 1pm, if you want feedback in class. In the context of your work, you should cite and summarize at least three papers.)



Branching

ResearchMethodology

13 October - 19 October

Comparing OSS to Agile and traditional development approaches

A first look at creating statistical models use R and Weka

(Due: Oct 18, describe your data)

20 October - 26 October

Peter away in Japan on a conference (Class is not cancelled, we will have a guest lecture)

(Due: Oct 25, basic scripts)

27 October - 2 November

An introduction to and comparison of software tools used in OSS development

Interpretation of results: validation and triangulation

(Due: Nov 1, Preliminary results for **RQ 1)**

3 November - 9 November

In class exam on Friday, Oct 8th

10 November - 16 November

Guest lecture TBD

(Due: Nov 9, Results for RQ 2)

17 November - 23 November

Software Maintenance and Evolution

(Due: Nov 22, Results for RQ 3)

24 November - 30 November

Research project and Bug fix presentations

Your bug fix project and research papers are due on Nov 25th, however, I am giving you an extension until December 10 at 11:59pm.

(Due: Nov 29, Summarize your research and findings as a presentation)

Bug Fix Project

Please read MilestoneOverview carefully



Research projects

Code ownership and quality (Bird2011FSE)

Review ownership and quality (Rigby2013FSE)

System vs Change Complexity (Herraiz2011QC2)

Bikeshed (Rigby2011ICSE)

StackOverflow Studies (Parnin2011TechReport, Treude2011NEIR)

General properties of OSS (Mockus2000ICSE)

OSS Goverance (Rigby2013RelEng)

Licensing & Business (TBD)

Developer Motivation (Lakani2005MIT)

Disruptions on Software Project (TBD)

To find other topics use scholar.google.ca and search for the keyword of interest. You'll need to use VPN or be on campus to get papers

Course: SOEN 691D 2013/2 DD

from IEEE and ACM.

Sorry for the ordering, Moodle is not particularly user friendly!

ResearchProjectHeadings
PotentialResearchProjects
Bird2011FSE
Rigby2013FSE
Herraiz2011QC2
Treude2011NEIR
Rigby2011ICSE
Parnin2011TechReport
Mockus2000ICSE
Rigby2013RELENG
Lakani2005MIT

moodle

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