SOEN 691D 2013/2 DD

English (en)

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I have office hours on Wed 5:30-6pm and Thurs 4:30-5pm in EV 3.118.

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📕 OpenMiningOutline
📘 ResearchProjectHeadings
📕 BugFixMilestones

1 September - 7 September

📕 02 overview
📕 01 introduction

8 September - 14 September

In class we will go over a number of possible research projects, discussing potential methodology, data mining, etc. I will show you how to choose an OSS project and bug to fix.

I will also post a list of some OSS project that you might want to fix bugs on.

Please read the following two papers for Friday.

The Rigby paper demostrates a qualitative research methodology. Next class, I will talk about how you can do qualitative research instead of using quantitive or modeling studies.

📕 PotentialResearchProjects
📕 Rigby2011ICSE
📕 rigby icse 2011 presentation
📕 Cataldo2006CSCW
📙 DonadelliCataldo2006CSCW
📕 Churn, change size, and complexity

15 September - 21 September

This week, in class we'll work on selecting a bug fix and/or research project. Please look at the bottom of this

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Latest news

26 Oct, 05:21
PETER RIGBY

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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"

📄 Mockus2000ICSE

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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.

📄 PaperOutline
📄 IntellectualProperty
📄 OSSLicensing

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29 September - 5 October

OSS Business Models

Individual discussions of project data

📄 BusinessModels

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6 October - 12 October

Patching, Branching, and Releasing

Scripts and Bugs more...

19 Oct, 08:38
PETER RIGBY
Scripts and No class next week
more...

14 Oct, 23:55
PETER RIGBY
Feedback more...

10 Oct, 20:59
PETER RIGBY
Please bring your laptops to every class more...

6 Oct, 16:44
PETER RIGBY
Soft due dates for project more...

Older topics ...

Upcoming events

There are no upcoming events
Go to calendar...
New event...

Recent activity

Activity since Saturday, 26 October 2013, 9:11 AM
Full report of recent activity...
Nothing new since your last login

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)

      📄 ownership
      📄 basic oss
      📄 r import model
      📕 DevelopmentProcesses

20 October - 26 October

Peter away in Japan on a conference (Class is cancelled, we will have a makeup lecture TBD).

(Due: Oct 25, basic scripts)

27 October - 2 November

Tavish will present memshrink.

Murtuza will present Gousios2014ICSE-sub on GitHub

Admin for presentation of papers and schedule

Exam review

Interpretation of results: validation and triangulation

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

      📕 Gousios2014ICSE-sub

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

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

(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

W ProjectNameMilestone1
A MilestonesOverview
W ExperiencePractices

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 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

You are logged in as Samuel Mugnaini Donadelli (Logout)