# 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.

- 💬 News forum
- 📄 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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    - SOEN64312EE12

## Search forums

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Advanced search ❓

## Latest news

10 Oct, 20:59
PETER RIGBY

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

## 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

## 29 September - 5 October

OSS Business Models

Individual discussions of project data

📄 BusinessModels

## 6 October - 12 October

Patching, Branching, and Releasing

Please bring your laptops to every class more...

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

3 Oct, 20:44
PETER RIGBY
Please bring your laptops more...

2 Oct, 19:53
PETER RIGBY
Optional lecture tomorrow morning more...

29 Sep, 10:52
PETER RIGBY
Projects more...

Older topics ...

### Upcoming events

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

### Recent activity

Activity since Thursday, 10 October 2013, 9:18 AM
Full report of recent activity...

**Course updates:**

Added File:
Branching

Added File:
ResearchMethodology

**New forum posts:**

PETER RIGBY          10 Oct, 20:59
**"Please bring your laptops to every class"**

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)**

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**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)**

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**Bug Fix Project**

Please read MilestoneOverview carefully

> ProjectNameMilestone1
> MilestonesOverview
> ExperiencePractices

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**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)