Fachbereich Elektrotechnik & Informatik
Kommunikationssysteme & Verteilte Systeme

FACH
HOCHSCHULE
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University of Applied Sciences

Thesis

Subversion, Files, Reports
& Some important Rules

Overview

- Thesis Overview
- Subversion
- Thesis planning
- Reports and Weekly Meetings
- Rules Summary

This information is available at
https://svn.fh-luebeck.de/svn/repos/thesis/general/

Access should work without authentication!!

If not use your standard svn account

Or
 Username: "thesis"; Password: "thesis"

Thesis

- In a thesis you demonstrate that
  - (you can familiarize yourself in a new field)
  - apply the knowledge from the courses
  - to create something new, that means
    - solve a (new) problem in a scientific way
  - write your work down in a scientific document.

  "Achieve results independently with supervision & guidance."

- Do not expect us to tell you each day what to do.
- Understanding the work of others is only a minor part of the thesis (not more than 25% of the total time)

Interaction

- We are very much interested in your results of the diploma thesis, so we encourage you to contact us whenever there are new "results". Results are some questions how to proceed or discuss next steps.

- New ideas are very welcome, we want you to see your progress.

- What we do NOT like to hear:
  - "Please tell me what to do next"
  - You have a task description that includes the major tasks including results, if not ask and discuss that with your supervisor so that it is clear to you what to provide in the next days, weeks.

- Instead we want to hear sentences like
  - "I plan to do … in the next … days to achieve … . What do you think?"
  - "I have achieved the task … and want to show you the result and my interpretation of these results. When do you have time to have a look at and discuss the next steps with me?"
  - "I have finished part … in the thesis. Can I have a feedback, please."
  - "Can you recommend a good book on …"

Interaction II

- Demonstrate your efforts by contacting us regularly during the day with the progress you made and asking for advice if you are not sure how to proceed.

- That's what we expect you to do and why you are working in the lab and not from home.

- If you do not convince us that you are working hard and want to achieve a good result in the diploma thesis, we will also limit our efforts for your supervision.

- In this context: Asking for leave without providing some good results to demonstrate the progress is not the right way to convince us that you really want to achieve an excellent result in your diploma thesis.

Subversion

First Steps

1. Download the software tortoise svn
2. Install the software (see Tutorial).
3. Get an Account (and a URL for the repository) from the supervisor
   your account name: <yourname>, your password: <yourpassword>
   repository location:
   https://svn.fh-luebeck.de/svn/repos/thesis/<yourname>
4. Checking out a local working copy
   Create a local directory like "c:\thesis" and do a right click on the
   directory name. Choose "SVN Checkout…" and enter the
   information in the step above (see Tutorial).
   Ignore the certificate error and accept the certificate permanently
5. Installation and Configuration finished!

Have a look at the svn tutorial.
You need account info from your supervisor.
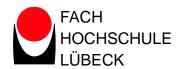
Subversion II

Working with subversion

1. Exchange files and documents with the supervisor
    1. There is NO need to write e-mails with large attachments. Write a short e-mail with a "link" to documents in the svn.
    2. Structure of the repository (see readme.txt)
        1. "doc" for thesis document e.g. Thesis.doc
        2. "material" for references pdfs (data sheets articles etc. downloaded from the Internet)
        3. "reports" for the weekly reports e.g. report.txt (see planning)
        4. "src" for the programming sources of your thesis.
2. Is your backup.
    1. Place ALL your important files in this svn directory.
    2. Do this daily before you leave! Loss of data is not an excuse for late submission of the thesis!!
    3. You can create subdirectories etc. if you like to (extend "./readme.txt" if necessary).

Assume Start at April 1st

Step Description (Duration)			latest Deadline!
1.	(Introduction)	(0 – 80 hours)	
2.	Analysis	(80 – 160 hours)	May 1st
3.	Design	(80 hours)	
4.	Implementation	(160 hours)	June 1st
5.	Evaluation	(80 – 160 hours)	June 15th
6.	Thesis document (start asap > 50 pages)		
	1. Complete Draft to Supervisor		June 15th
	2. Final Version to Dean's Office		June 30th
7.	Final Version of Code, Material & Thesis to the Supervisor		June 30th
8.	Oral Examination	approx. July 15th	

Plan 100 - 150hours for writing the thesis which means approx. half a page per hour (do not forget pictures for illustration)

Status Report

- You need to plan (see page before)!
- Your thesis is a FULL time Job.

- You have to write a short report each week and commit to the repository
  - Name:
  - Thesis Title:
  - Date of the Report:
  - Period of the Report:
  - Implementation (Status):
  - Implementation Results (Status):
  - Documentation (Status):
  - Plan:
- You can find an example in the folder "reports". Please put your own report there weekly & commit all the necessary files.

Weekly Meeting

- **Everyone presents report (Status & Plan) to the supervisor and classmates each week (5 Minutes)! Focus on changes since lasts week report**
  - Progress = Changes only.
  - Important Finished Steps and Results = Files
  - Documentation = Thesis Document

- **One of you presents a topic of interest to the others will be fixed one week ahead. (15 Minutes!)**

Important Rules

1. Working on a thesis is a full time Job 40h/week. (You risk to fail if you start at 10:00 and leave at 14:00 regularly!)
2. You work (!) in the office/lab (see more details about work)!
3. You are responsible for the success of your thesis.
4. Sitting in the office/lab with private tasks like chatting etc. does not count towards the full time.
5. Inform your supervisor about any problems or times of absence beforehand.
6. Weekly reports and meetings are mandatory.
7. Stay in contact with your supervisor (see more details later).

If you do not follow these rules:
1. We will NOT run after you!
2. We cannot supervise you anymore!
3. We must inform the administration of the programme!

Some notions about "Work"

- All "Work" will produce visible results either source code or text in the thesis.

- If you are "working hard" we expect to see many results.

- According to this definition pure reading is not considered as "Work".

- "Work" does not include

  - lunch break

  - chatting in the Internet

  - anything else not related to your thesis like applying for a masters course etc.

Working Times

- Work in the lab each day
  - Minimum 09:00h to 17:00h (including Friday!)
  - Typically 08:00h to 18:00h (there is always staff available)
  - Maximum 07:00h - 19:00h. (should be possible)
- Additionally work from home if needed.
- Average work for your thesis 40hs/week
- You are asked to talk to your supervisor before you leave.
- If we will leave before you, we will try to meet you in the lab.
- If you intend to leave before 17:00h so that we might miss you contact your supervisor in advance.