Lab Course – Contributing to an Open-Source Project

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https://www21.in.tum.de/teaching/osp/WS20/

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APACHE ANT

MySQL

odoo

The Apache Software Foundation

hadoop

MediaWiki

Apache OpenOffice

CouchDB

Joomla!
...because open source matters

mojoPortal

WordPress

Apache Solr

doctrine

DOTNETNUKE

Magento
Open Source eCommerce

Java

ubuntu

ANDROID

LibreOffice

PrestaShop

eclipse

INKSCAPE

Scribus
Open Source Desktop Publishing

SUSE

spring source

symfony

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- Theoretical Part
    - Fundamental concepts of open-source projects
    - Talks by invited speakers

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  - Plan and execute your contribution
  - 1-to-1 supervision, restricted scope

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Grading
- Completion of learning material & active participation in discussions
- Preliminary report
- Implementation project & final report

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Fundamental Concepts of Open-Source Projects

- Version control
- Community management
- Software licenses
- Work with existing code base
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Talks by Guest Speakers (virtual)

- Maintainer of open-source projects
- Open-source "advocates"

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Practical Part

- Familiarize yourself with an open-source Project
- Short report and discussion
- Plan your contribution
- Implementation
- Final report

Prerequisites

- General programming skills
- Motivation letter (200-250 words, by July 21 to haslbema@in.tum.de)
  - Why are you interested in open-source?
  - Do you have experience with programming projects and open-source projects?
  - What project would you pick and why?
  - (What kind of material would you like to learn about? Which guest speaker would you like to invite and why?)

Questions?