

Planning and Managing Software Projects 2011-12

Laboratory

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Scope of the laboratory

- Tools and frameworks to help the software development
- How can we improve the development of a software?
 - Inside the code: design patterns, tests (regression, integration), comments, ...
 - Outside the code: backups, code sharing among the team components, lifecycle automation, ...

What we will see

- First lesson (today): improve the code
 - Logging
 - Testing
- Second lesson (next Monday): improve the management of the code
 - Version Control Systems
 - Build automation tool

Homework 3

- The exercise will be assigned at the end of the next lesson
- It will be ask to apply the things we will see in the two lessons
- A piece of code will be provided to each team with a set of tasks:
 - Create a script to automate the build of the code
 - Apply a logging framework
 - Verify a test and fix it
 - Store the code into a VCS
- Detailed instruction will be supplied the next Monday