

Methods to Improve Quality

Assessment planning

Pieter van den Hombergh,
Ferd van Odenhoven

28 maart 2007

- 1 Timeplan
- 2 Considered material
- 3 Equipment and proceeding
- 4 Assessment subjects

Planning

- It will held during week 22 and 23 2007.
- The assessment will take 20 minutes per student in an half-hourl schedule.
- You will be invited to your assessment.

Assessment considerations

The following things will be taken into consideration:

- 1 Handed in material for MeTiQ via peerweb website.
 - Only material handed in **prior to or latest at the due date** are considered.
- 2 Personal test plan and execution. Quantity, quality and originality.
- 3 The review report **you** made on a test-suite/plan of other student. Note that you must have that reviewed testsuite running. Otherwise your review is not accepted.
- 4 Ability to execute your own and the reviewed tests during the assessment session.
- 5 Discussion of the test activities related to the SoFa or otherwise.

Proceeding during assessment, 1

During the assessment the following equipment equipment will be available:

- 1 A standard FTHV PC running Linux SuSE10 with java ≥ 5.0 , Junit and the cobertura, hansel en emma coverage testing frameworks. Editors, including Eclipse and netbeans will also be up and running. I will be responsible for the setup of this machine.
- 2 As an alternative a standard FTHV PC running windows (standard unmodified FTHV installation) is available. No additional installs will have been made. You will be responsible for all the library files you need.
- 3 You may bring your own laptop, but you must then show that your tests are runnable if one performs the setup and deploy manual you provide.

Proceeding during assessment, 2

Using non standard PC's.

- 4 For the .NET teams: If they want to use a .NET environment, the dotnet team should setup a PC with all the tools needed. Possibly taken from FTHV PC used in your sofa. This can be combined with the standard windows PC from the previous slide.
- 5 The students personal laptop. This laptop must be up and running when entering the assessment room. It is the students responsibility that everything he/she needs is available on the laptop. Do not depend on working network connections etc. However, the laptop can (and will) be connected to the Linux PC via a switch. A ip number will be supplied per dhcp.
- 6 Fallback will be the Linux machine (item 1).

Assessment subjects for MeTiq, I

- You will be questioned on the considerations and design of your own modules and their tests. A good preparation is to review the relevant chapters in Vigenschow on Object oriented testing. Be able to explain your strategy on defect finding.
- The same applies to your critique on the tests you reviewed. Have all the rules being applied here.

Assessment subjects for MeTiq, II

- To be able to improve between now (March 28, 2007) and the assessment, you are allowed to hand in one more version of your testplan, testreport and source code of your own testproject and one more version of the review project. Due date is 2007-05-12.
- As deliverable we only accept .zip (**.rar is explicitly forbidden**) of implementation (units under test), the test classes, the test report (excel sheet filled in). The tests must be executable by unpacking this zip file. Do not send complete workspaces filled with auxiliary lib files, but exactly that what you wrote yourselves. I tend to have a standard place to put my jar files in a standard place on my machines (/usr/share/java/...)

folderlayout

