Java and C# in depth

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Guidelines for the Project

The project

Develop a single-file Virtual File System (**VFS**)

There are 3 main functionalities, each with its own deadline:

- VFS core   7 April
- VFS browser   29 April
- VFS synchronization server   19 May

At each deadline you should provide a written report (we will provide a template) with the design and implementation decisions.

Project Restrictions

The proposed project structure allows incremental development.

But you are free to develop in your style, as long as you comply to deadlines.

Programming language: Java or C#

Use SVN repository at https://code.vis.ethz.ch/

Teams

Use SVN repository at https://code.vis.ethz.ch/

Teams are of 3 people (strict!). Register here before 11 March

If you don't provide a valid team name, we'll chose a name for you

Need a teammate? Write to durica.nikolic@inf.ethz.ch

Project grading

Requirements coverage: 40%

Code quality: 20%

Unit tests: 15%

Final report : 15%

The remaining 10% can be gained by choosing among optional features

Reminder: project grade is itself 50% of the final grade

Code quality

We are using automatic static analysis tools for enforcing code quality.

You can learn about them [here](#) or in project description.

Please note that tools are available only for VisualStudio 2010/2012 and Eclipse.

Remarks on plagiarism

We consider it plagiarism if "The author submits the work of another author in his/her own name" *not iff – see next slide

- Applies to documents
- Applies to code

In case we detect plagiarism, we fail all the teams involved

Link to ETH plagiarism guidelines:

http://www.ethz.ch/faculty/exams/plagiarism/index_EN

Note to repeating students

If you submit project from last year – we'll consider it as an act of plagiarism for the whole team.

You have to do the project in different language.