

AMOS Projekt 5: Graphalyzer Pro

Developers Guideline

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Tools for development
Branching Concept
Continuous Integration

1. Tools for development

- Git
- Visual Studio 2012
- MSBuild

2. Branching Concept

The master branch on GitHub has to be buildable (MSBuild) and runnable always. All features are implemented in a separated branch. This branch should be named well, so that it is easy to identify his purpose. After finishing this feature, a pull request for this branch is opened and reviewed by another developer. Comments to the implementations should be made within GitHub. If the feature passes the review the new feature is merged into the master.

This procedure is similar to the GitHub Flow explained here: <http://scottchacon.com/2011/08/31/github-flow.html>

3. Continuous Integration

The continuous integration server can be found at: <http://teamcity.codebetter.com/>

After creating a pull request (see 2. Branching Concept) the branch will be built automatically and the result is shown at GitHub.

Each developer should check the result of his build in detail and should correct possible code inspections or duplicate findings also the reviewer should check the build result and whether the developer fixed the issues or not.