

Lab 07

Think over the following questions:

- 1. How would you represent testing of the application with multiple browsers?**

The testing of the application will be shown by using fork nodes. Because the testing of applications in multiple browsers can be done concurrently.

- 2. Can generation of the patch file and update the Subversion repository be done concurrently?**

No, because according to the workflow given, only when all the browsers pass the test, a patch is generated from the local copy, and applied to the production code. Then the local copy is committed resulting in an update of the SVN repository. So a concurrent process is not possible.

- 3. Can patching the production code and updating the Subversion repository be done in parallel?**

Yes, because after generating the patch file the patch must reflect on the production code and subversion repository. These two things can be done in parallel as they are at separate memory locations and there won't be any inconsistencies by parallel execution.

Activity Diagram

