

Feature: A new whiteboard feature

The Saros whiteboard allows Saros users to make sketches together as they collaborate. At the moment, the whiteboard is functional but still quasi-experimental. You can do things like draw freehand, squares, or zoom in/out and so on, but a few useful features are missing. Your task would be to add one of them.

Some things to note:

- It is recommended that your team works on a straight-line drawing feature. With this feature, a user can drag out a straight line on the canvas just like other simple drawing programs like Microsoft Paint. This would be a very useful feature, but also simple enough to implement in the two weeks that you have.
- Of course, you are free to add more features if you have the time and the ambition.
- **Important:** The whiteboard uses some of its own architecture and is implemented in a separate project (see `/trunk/dpp/de.fu_berlin.inf.dpp.whiteboard/` in the SVN repository). It is a relatively small project, but you are advised to look carefully at the code in week 36 before you decide on this feature. A good learning resource is the thesis of Michael Jurke.

If you decide on this feature, ask me to make your team a new SVN branch!