

Maintenance Task: Serious Bug-fixing

You should already have fixed one or two small bugs in Saros. Now, you must attempt to fix a small number of more serious defects in the code.

Your group must choose a series of bugs and implement fixes for them. Our bug tracker (http://sourceforge.net/tracker/?group_id=167540&atid=843359) has all known bugs with priorities attached to them. Generally, bugs with higher priorities are more difficult to fix, so entries with a priority of 6 or greater are a good place to start looking.

You are free to choose any bug you like, but they must be bugs that pose a serious threat to the usability of Saros.

- Find bugs (either existing ones in the bug tracker or new ones you have discovered) in the Saros code. For each bug, make clear:
 - The steps to reproduce
 - The expected behavior
 - The actual behavior.
 - Any other important information that affects the bug (e.g. specific operating systems, JRE version etc.)
- For each bug, justify your choice. Why have you concentrated on this defect? (e.g. a bug that only affects new users and thus might scare them away)
- How will you guard against the bug reappearing (regression)? This may involve writing an automated test (or specifying a test case if it is a difficult one to code).
- Often when we fix a bug, we introduce a new one. You must put some effort into making certain you have introduced no new bugs.