Subject: Using of GIT instead of SVN for Upp development
Posted by Novo on Fri, 13 Nov 2020 09:27:10 GMT
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AFAIK, the main reason why Upp is still using SVN is a problem with fine-grained write permissions for developers. Basically, majority of developers should have write access rights only to "bazaar". Majority of git-servers doesn't allow to do that.

Fortunately, there is one git-server, which allows that. It is called gitolite.

With gitolite you can set pretty much any permission, including unusual permissions like limiting number of changed files in one commit.

Installation is very simple. The only problem that I had when I was trying to install it on Alpine Linux was disabled user "git". I had to enable it.

Gitolite is identifying users by ssh keys. This is less convenient than regular user name and password, but is still quite usable.
Administrator just needs to store multiple ssh keys per user.
Keys can be stored in different folders, or in one folder using pattern "user_name@unique_str.pub

Another argument: Linux kernel developers are using gitolite.