Git Tutorial



Git vs SVN commands

Comparison table of Git-Subversion commands

| Command | Operation | Subversion |
|--------------|--------------------------------|-------------------------|
| git clone | Copy a repository | svn checkout |
| git commit | Record changes to file history | svn commit |
| git show | View commit details | svn cat |
| git status | Confirm status | svn status |
| git diff | Check differences | svn diff |
| git log | Check log | svn log |
| git add | Addition | svn add |
| git mv | Move | svn mv |
| git rm | Delete | svn rm |
| git checkout | Cancel change | svn revert ¹ |
| git reset | Cancel change | svn revert ¹ |
| git branch | Make a branch | svn copy ² |
| git checkout | Switch branch | svn switch |
| git merge | Merge | svn merge |

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| git fetch | Update | svn update |
|-----------|-------------------------------|-------------------------|
| git push | It is reflected on the remote | svn commit ³ |
| gitignore | Ignore file list | .svnignore |

- 1. Revert in SVN is the cancel of change, but Revert in Git is the commit for negation. The meanings of Revert are different.
- 2. Branch and tag are the same in the structure in SVN, but they are clearly different in Git
- 3. SVN does not have the concept of local repository/remote repository, accordingly commit is directly reflected in the remote. However, Git has different reflecting methods for reflecting to the local repository and for reflecting to the remote repository.

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