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Subject: Re: GIT essentials

Posted by [andrei\\_natanael](#) on Mon, 11 Jan 2010 15:07:11 GMT

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I would like too that U++ use git

When I've made a full checkout last time I've measured checkout time for subversion and clone time for git. I've used my U++ git clone repo from gitorious (it's not updated since 6 December, 2009) and the result's are quite impressive.

```
svn
real 37m23.956s
user 0m49.850s
sys 0m29.460s
```

```
git
real 1m27.702s
user 0m10.170s
sys 0m2.400s
```

The clone of U++ repository take only 1 minute and half compared to more than half hour for svn.

It's simply when you work on something to create a new branch, work on that and if you have right results merge it to master else drop it. Branching is more easier than with svn. I didn't done a svn branch merging but I've heard that's pure pain.

Here comes another advantage. If we use git as scm it's simple to use the same nest(let's say uppsrc) and test other changes because git branches use the same location but modify content of files related to current branch.

IMO git is just great (I'm mainly on Linux, but on Windows should not be that much trouble using it) and switching to git will be a step forward for U++.

Andrei

P.S.: If you want to test git, you may use my mirror from gitorious.org, even if it's not updated i think it will help you take a decision to use git or not.

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