





Frameworks

Plesk Segmentation fault

Creating a new Git repository on a local file system

by ADMIN on 8 MAART 2011

Hello

This is a post about how you can put your code in a version system on a local folder of your file system.

There are a bunch of versioning systems out there like Git, CVS and Subversion. I will discuss how to put your code in a Git repository.

Before we can start, we need a new project. This is the reason why we want to do something with a versioning system in the first place, right...? So lets create a new website that we will put on a domain, let's say treeleaf.be. This URL will be used as the *production* website. I will use another URL, treeleafmedia.net, to test the *development* version. Off course we could also use a sub-domain, like devel.treeleaf.be if you have only one domain...

First start with creating a new directory on the file system. This directory will be used as our *working directory*.

- \$ cd /www
- \$ mkdir www.treeleafmedia.net
- \$ cd www.treeleafmedia.net

Now we have created our directory where we can start coding. Let's prepare our workdir and turn it into, what is called, the local repository.

\$ git init

Initialized empty Git repository in /www/treeleafmedia.net/.git/

We are ready to setup the *remote repository*. In this post, the remote repository is another directory on the file system. This might as well be a remote location that is mounted on the local file system. We will use the directory /usr/local/remoteGit as remote repository.

- \$ cd /usr/local/remoteGit
- \$ git init --bare

Initialized empty Git repository in /usr/local/remoteGit

Note that we used the option –bare this time. The difference between a *bare* and *non-bare* directory is that in a "bare" directory no working copies are saved. Non-bare directory is your working directory (local repository) from where you will push your code into a bare repository (remote repository).

We go back into the working dir and start editing code.

- \$ cd /www/www.treeleafmedia.net
- \$ echo "hello" > hello.txt
- \$ git add hello.txt
- $\$ git commit -m "Initial import" $\$ commit to the local repository

PAGINA'S

About

BLOGROLL

Enterprise VPS Hosting

MY LINKS

Follow me on Twitter

Treeleaf Media on Facebook

Treeleaf Media website

RECENT POSTS

Plesk Segmentation fault

Creating a new Git repository on a local file system

Frameworks

OLDER ARTICLES

juli 2012

maart 2011

TAGS

linux plesk system admin



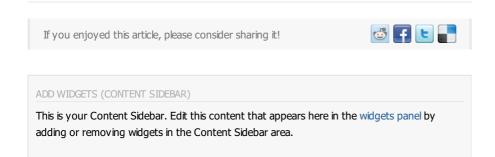
N TWITTER RSS FEED ►

- $\$ git remote add origin /usr/local/remote Git $\$ configure the path to the remote repository
- \$ git push # push the code to the remote repository

You can setup more copies of the git repository with git-clone. This will pull the code out of the remote repository into another directory.

\$ git clone /usr/local/remoteGit

We are ready now to start editing some code \bigcirc In a next post I will use the repositories that I have created now to build the site of treeleaf.be.



Geef een reactie

Je moet inloggen om een reactie te kunnen plaatsen.

