一 安装/配置 Apache2

sudo apt-get install apache2

修改配置文件

sudo vim /etc/apache2/apache2.conf

添加的内容：

ServerName localhost

DirectoryIndex index.html index.htm index.php

<Directory /var/www>

Options Indexes FollowSymLinks

AllowOverride None

Require all granted

</Deritory>

AddDefaultCharset GB2312 (可选)

二 安装/配置 Gitweb

sudo apt-get install gitweb

默认没有 css 加载，把 gitweb 要用的静态文件连接到DocumentRoot下：

cd /var/www

sudo ln -s /usr/share/gitweb/\*

修改配置gitweb.conf 配置文件：

**sudo vim /etc/gitweb.conf**

# path to git projects (<project>.git)

$projectroot = "/home/git/repositories";

# directory to use for temp files

$git\_temp = "/tmp";

# target of the home link on top of all pages

$home\_link = $my\_uri || "/";

# html text to include at home page

$home\_text = "indextext.html";

# file with project list; by default, simply scan the projectroot dir.

$projects\_list = $projectroot;

# stylesheet to use

@stylesheets = ("gitweb/static/gitweb.css");

# javascript code for gitweb

$javascript = "gitweb/static/gitweb.js";

# logo to use

$logo = "gitweb/static/git-logo.png";

# the 'favicon'

$favicon = "gitweb/static/git-favicon.png";

# git-diff-tree(1) options to use for generated patches

@diff\_opts = ();

将 $projectroot 改为git仓库存储目录(例如：/home/git/abc.git，abc.git为git初始化的仓库)，保存退出。

如果没有找到项目，需要将$projectRoot/\*.git属性改为755(sudo chmod 755 xxx.git)

修改配置apache2.conf

ServerName localhost

DirectoryIndex index.html index.htm index.php

<Directory /var/www>

Options Indexes FollowSymLinks

AllowOverride None

Require all granted

</Directory>

ScriptAlias /cgi-bin/ /usr/lib/cgi-bin/

<Directory /var/www/cgi-bin/>

Options Indexes FollowSymLinks

AllowOverride None

</Directory>

修改配置/etc/apache2/sites-available/000-000-default.conf

<VirtualHost \*:80>

ServerName gitserver

DocumentRoot /var/www/

<Directory /var/www/>

Options +ExecCGI

Options +FollowSymLinks

Options +SymLinksIfOwnerMatch

AllowOverride All

order allow,deny

Allow from all

AddHandler cgi-script .cgi .pl

DirectoryIndex gitweb.cgi

</Directory>

</VirtualHost>

sudo a2enmod cgi --> sudo /etc/init.d/apache2 restart

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

**附加**

*编写hello.cgi程序*

*cd /var/www/cgi-bin*

*sudo vi hello.c*

*#include<stdio.h>*

*intmain()*

*{*

*printf("Hello,world\n");*

*return0;*

*}*

*保存退出。*

*编译： #sudo gcc hello.c -o hello.cgi*

*这里可以先运行一下看看 hello.cgi是否有错误*

*#sudo ./hello.cgi 若输出helloworld,则正确 然后可以在浏览器中键入*[*http://*](http:///)*你的apache服务器ip地址/cgi-bin/hello.cgi 若浏览器显示helloworld，则cgi配置正确。*

**补充**

sudo apt-get install highlight

exec highlight --force --inline-css -f -I -O xhtml -S "$EXTENSION" 2>/dev/null

复制代码

sudo gpasswd -a www-data git

find /home/git/repositories -type f | xargs chmod g+r

chmod g+r /home/git/{projects.list,.gitolite.rc}

chmod g+rx /home/git/{repositories/,.gitolite/}

chmod g+r /home/git/

**安装gitolite**

git+gitolite

复制代码

sudo apt-get install git openssh-server

sudo adduser git

su - git

git clone git://github.com/sitaramc/gitolite

mkdir -p $HOME/bin

gitolite/install -to $HOME/bin

gitolite setup -pk YourName.pub

git clone git@host:gitolite-admin

修改

~/.gitolite.rc

$UMASK=0027

GIT\_CONFIG\_KEYS => '.\*',

连接：

<http://www.cnblogs.com/eshizhan/p/3383876.html>

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**安装 Gitolite**

sudo apt-get install git openssh-server

sudo adduser git

su - git

git clone git://github.com/sitaramc/gitolite

mkdir -p $HOME/bin

gitolite/install -to $HOME/bin

$HOME/bin/gitolite setup -pk YourName.pub

git clone git@host:gitolite-admin

**安装 nginx**

下载编译 pcre

curl -LOJ "<https://sourceforge.net/projects/pcre/files/latest/download?source=files>"

tar xf pcre-8.38.tar.bz2

cd pcre-8.38

执行./configure

make & make install

下载编译openssl

curl -LOJ "<https://www.openssl.org/source/openssl-1.0.1t.tar.gz>"

tar xvzf openssl-1.0.1t.tar.gz

cd opnssl-1.0

./config

make & make install

下载编译zlib

curl -LOJ "<http://zlib.net/zlib-1.2.8.tar.gz>"

tar xvzf zlib-1.2.8.tar.gz

cd zlib-1.2.8

./configure

make & make install

下载编译nginx

curl -LOJ "<http://nginx.org/download/nginx-1.10.0.tar.gz>"

tar nginx-1.10.0.tar.gz

cd nginx-1.1.0

./configure

make & make install

附加(替换nginx的下载编译，能否？--可以)

sudo -s

nginx=stable # use nginx=development for latest development version

echo "deb <http://ppa.launchpad.net/nginx/$nginx/ubuntu> lucid main" > /etc/apt/sources.list.d/nginx-$nginx-lucid.list

apt-get update

apt-get install nginx

nginx + cgit

<https://gist.github.com/stran12/1394757>

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

**配置nginx**

**安装 cgit**

sudo apt-get install libssl-dev

curl -LOJ "<http://git.zx2c4.com/cgit/snapshot/cgit-0.9.2.tar.xz>"

tar xf cgit-0.9.2.tar.xz

cd cgit-0.9.2/

make get-git

make

sudo make install