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# gitlab部署及使用

linux gitlab

## gitlab安装

1. 首先，安装一下依赖

yum install curl policycoreutils openssh-server openssh-clients postfix

systemctl start postfix

1. 在[gitlab-ce](https://packages.gitlab.com/gitlab/gitlab-ce/)选择对应系统的gitlab-ce包，我这里是centos7所以就选择了gitlab-ce-8.9.2-ce.0.el7.x86\_64.rpm 这个包。然后根据里面的提示进行安装

curl -s https://packages.gitlab.com/install/repositories/gitlab/gitlab-ce/script.rpm.sh | bash

yum install gitlab-ce

如果下载gitlab-ce如果比较慢的话可以手动去[清华源](https://mirrors.tuna.tsinghua.edu.cn/gitlab-ce/)下载然后再安装

**rpm** **-ivh** **gitlab-ce-8**.9.2-ce.0.el7.x86\_64.rpm

1. 配置并启动gitlab-ce

gitlab-ctl reconfigure

查询状态及重启gitlab

gitlab-ctl **status**

gitlab-ctl **stop**

gitlab-ctl restart

然后便可以使用主机ip启动gitlab了。

[root@linux-node1 ~]# gitlab-ctl status

run: gitlab-workhorse: (pid 55672) 2408s; run: **log**: (pid 45393) 3072s

run: logrotate: (pid 55678) 2408s; run: **log**: (pid 45407) 3064s

run: nginx: (pid 59583) 2179s; run: **log**: (pid 45398) 3066s

run: postgresql: (pid 55719) 2407s; run: **log**: (pid 45239) 3112s

run: redis: (pid 55731) 2406s; run: **log**: (pid 45101) 3118s

run: sidekiq: (pid 55765) 2405s; run: **log**: (pid 45382) 3074s

run: unicorn: (pid 59390) 2190s; run: **log**: (pid 45350) 3076s

可以看到gitlab启用了redis,nginx,postgresql,unicorn,logrotate。 下面简单介绍一下。

nginx 其配置文件在/var/opt/gitlab/nginx/conf 下面，可以配置域名等。

## svn 迁移到git

公司之前使用的是SVN，但是最近心血来潮，想换成git，然后在服务器端使用gitlab于是乎，就开始干吧。

要想把svn迁移到git，首先第一步就是创建users.txt文件，

参考链接[How to migrate SVN repository with history to a new Git repository?](http://stackoverflow.com/questions/79165/how-to-migrate-svn-repository-with-history-to-a-new-git-repository)

一： 首先，创建users.txt

这个文件必须包含svn里的所有用户。而且需要与gitlab的用户一一对应，当然gitlab里的用户还是需要你自己一一创建的。 不管git还是svn每一个历史版本都会显示是那个用户修改。虽然以后也可以修改author，但是目前还是需要好好填写。

svn **log** --xml | grep author | sort -u | perl -pe 's/.\*>(.\*?)<.\*/$1 = /' | tee users.txt

这里的users.txt的格式是这样 注意 英文替换成别的名字，但是特殊符号一定要保留’= < >’ 而且需要的是svn里的所有用户，如果没有填全也没关系，以后会有提示缺少那个用户。

user1 = **First** **Last** Name <email@address.com>

二： 开始clone

把svn仓库里的代码clone到git,这里就是把svn的从第一个版本开始每一次提交转换成git版本历史。所以比较费时，有时候会花很长时间来clone

$ git svn **clone** --stdlayout --no-metadata --authors-file=users.txt svn://hostname/path dest\_dir-tmp

$ **cd** dest\_dir-tmp

$ git svn fetch

clone后就开始把svn版本一个个转成git版本，但是期间有可能因为出错而暂停，这时候就需要使用fetch来继续操作。这里需要多次fetch因为有时候回出错。直到同步到svn最新版本。

然后你发现这个目录里还是什么都没有，别慌，还需要把远程的拉到本地。

$ git branch -r #查看远程分支

$ git checkout -b local\_branch remote\_branch

三：分离仓库

现在基本已经完成，不过因为把svn仓库里的都转成了git版本，所以git这个仓库显得格外之大，下面就开始分离仓库.举例现在要把 dest\_dir-tmp/java 分离出来 参考文档

[拆分子项目](http://codego.net/21462/)

[Splitting a subfolder out into a new repository](https://help.github.com/articles/splitting-a-subfolder-out-into-a-new-repository/)

[Detach (move) subdirectory into separate Git repository](http://stackoverflow.com/questions/359424/detach-move-subdirectory-into-separate-git-repository)

$ git clone dest\_dir-tmp java

$ cd java

$ **for** i **in** $(git branch -r | sed "s/.\*origin\///"); **do** git branch -t $i origin/$i; done

git remote rm origin

$ git remote rm origin

$ git filter-branch --tag-name-filter cat --prune-empty --subdirectory-filter java -- --all

#或可选择地，只改写HEAD分支，而忽略标签和其他分支：

$ git filter-branch --tag-name-filter cat --prune-empty --subdirectory-filter ABC HEAD

#然后删除备份reflogs这样的空间才能真正的（虽然现在的操作是破坏性的）

$ git reset --hard

$ git **for**-each-**ref** --format="%(refname)" refs/original/ | xargs -n 1 git update-**ref** -d

$ git reflog expire --expire=now --all

$ git gc --aggressive --prune=now

这样就把java这个项目分享出来了。可以使用git branch -a来查看拥有的分支，如果没有branch那么就需要新建一个。

### 把本地的git仓库上传到 gitlab

现在剩下最后一项任务了，把现有的git上传到gitlab

$ cd java

$ git remote add origin git@http\_url/java.git

$ git pull origin master

$ git checkout -b develop

$ git push origin develop

### 修改git历史版本中的author

在svn迁移到git时因为在users.txt中有些用户写错了，与gitlab上的用户无法对应，虽然gitlab可以创建对应的用户，但是也不能给开发改名字，还必须使用原来的用户，所以现在的问题就是修改git历史版本中的author让他与gitlab的用户对应起来。

github给出了可靠的官方指南。[Changing-author-info](https://help.github.com/articles/changing-author-info/) 那么现在就按照这个方法来来吧。那么要不要翻译呢？ 我觉得不需要，原汁原味的多好 另外这里有翻译好的 [修改 Github commit 的作者信息](http://www.jianshu.com/p/b6add8187c06)

To change the name and/or email address recorded in existing commits, you must rewrite the entire history of your Git repository.

Warning: This action is destructive to your repository’s history. If you’re collaborating on a repository with others, it’s considered bad practice to rewrite published history. You should only do this in an emergency.

#### Changing the Git history of your repository using a script

We’ve created a script that will change any commits that previously had the old email address in its author or committer fields to use the correct name and email address.

Note: Running this script rewrites history for all repository collaborators. After completing these steps, any person with forks or clones must fetch the rewritten history and rebase any local changes into the rewritten history.

Before running this script, you’ll need:

The old email address that appears in the author/committer fields that you want to change

The correct name and email address that you would like such commits to be attributed to

一：Open Git Bash.

二：Create a fresh, bare clone of your repository:

git **clone** --bare https://github.com/user/repo.git

**cd** repo.git

三：Copy and paste the script, replacing the following variables based on the information you gathered:

**OLD\_EMAIL**

**CORRECT\_NAME**

**CORRECT\_EMAIL**

#!/bin/sh

git filter-branch --env-filter '

OLD\_EMAIL="your-old-email@example.com"

CORRECT\_NAME="Your Correct Name"

CORRECT\_EMAIL="your-correct-email@example.com"

if [ "$GIT\_COMMITTER\_EMAIL" = "$OLD\_EMAIL" ]

then

export GIT\_COMMITTER\_NAME="$CORRECT\_NAME"

export GIT\_COMMITTER\_EMAIL="$CORRECT\_EMAIL"

fi

if [ "$GIT\_AUTHOR\_EMAIL" = "$OLD\_EMAIL" ]

then

export GIT\_AUTHOR\_NAME="$CORRECT\_NAME"

export GIT\_AUTHOR\_EMAIL="$CORRECT\_EMAIL"

fi

' --tag-name-filter cat -- --branches --tags

view [rawgit-author-rewrite.sh](https://gist.github.com/octocat/0831f3fbd83ac4d46451#file-git-author-rewrite-sh) hosted with ❤ by GitHub

四：Press Enter to run the script.

五：Review the new Git history for errors.

六： Push the corrected history to GitHub:

git push --force --tags origin 'refs/heads/\*'

七：Clean up the temporary clone:

**cd** ..

rm -rf repo.git

%23%20gitlab%u90E8%u7F72%u53CA%u4F7F%u7528%0A@%28linux%29%5Bgitlab%5D%0A%0A%23%23%20gitlab%u5B89%u88C5%0A1.%20%u9996%u5148%uFF0C%u5B89%u88C5%u4E00%u4E0B%u4F9D%u8D56%0A%60%60%60bash%0A%20yum%20install%20curl%20policycoreutils%20openssh-server%20openssh-clients%20postfix%0A%20systemctl%20start%20postfix%0A%60%60%60%0A%0A2.%20%u5728%5Bgitlab-ce%5D%28https%3A//packages.gitlab.com/gitlab/gitlab-ce/%29%u9009%u62E9%u5BF9%u5E94%u7CFB%u7EDF%u7684gitlab-ce%u5305%uFF0C%u6211%u8FD9%u91CC%u662Fcentos7%u6240%u4EE5%u5C31%u9009%u62E9%u4E86gitlab-ce-8.9.2-ce.0.el7.x86\_64.rpm%20%u8FD9%u4E2A%u5305%u3002%u7136%u540E%u6839%u636E%u91CC%u9762%u7684%u63D0%u793A%u8FDB%u884C%u5B89%u88C5%0A%60%60%60bash%0Acurl%20-s%20https%3A//packages.gitlab.com/install/repositories/gitlab/gitlab-ce/script.rpm.sh%20%7C%20%20bash%0Ayum%20install%20gitlab-ce%0A%0A%60%60%60%0A%u5982%u679C%u4E0B%u8F7Dgitlab-ce%u5982%u679C%u6BD4%u8F83%u6162%u7684%u8BDD%u53EF%u4EE5%u624B%u52A8%u53BB%5B%u6E05%u534E%u6E90%5D%28https%3A//mirrors.tuna.tsinghua.edu.cn/gitlab-ce/%29%u4E0B%u8F7D%u7136%u540E%u518D%u5B89%u88C5%0A%60%60%60%0Arpm%20-ivh%20%20gitlab-ce-8.9.2-ce.0.el7.x86\_64.rpm%0A%60%60%60%0A%0A3.%20%u914D%u7F6E%u5E76%u542F%u52A8gitlab-ce%0A%60%60%60%0Agitlab-ctl%20reconfigure%0A%60%60%60%0A%u67E5%u8BE2%u72B6%u6001%u53CA%u91CD%u542Fgitlab%0A%60%60%60%0Agitlab-ctl%20status%0Agitlab-ctl%20stop%0Agitlab-ctl%20restart%0A%60%60%60%0A%0A%u7136%u540E%u4FBF%u53EF%u4EE5%u4F7F%u7528%u4E3B%u673Aip%u542F%u52A8gitlab%u4E86%u3002%0A%0A%60%60%60%0A%5Broot@linux-node1%20%7E%5D%23%20gitlab-ctl%20status%0Arun%3A%20gitlab-workhorse%3A%20%28pid%2055672%29%202408s%3B%20run%3A%20log%3A%20%28pid%2045393%29%203072s%0Arun%3A%20logrotate%3A%20%28pid%2055678%29%202408s%3B%20run%3A%20log%3A%20%28pid%2045407%29%203064s%0Arun%3A%20nginx%3A%20%28pid%2059583%29%202179s%3B%20run%3A%20log%3A%20%28pid%2045398%29%203066s%0Arun%3A%20postgresql%3A%20%28pid%2055719%29%202407s%3B%20run%3A%20log%3A%20%28pid%2045239%29%203112s%0Arun%3A%20redis%3A%20%28pid%2055731%29%202406s%3B%20run%3A%20log%3A%20%28pid%2045101%29%203118s%0Arun%3A%20sidekiq%3A%20%28pid%2055765%29%202405s%3B%20run%3A%20log%3A%20%28pid%2045382%29%203074s%0Arun%3A%20unicorn%3A%20%28pid%2059390%29%202190s%3B%20run%3A%20log%3A%20%28pid%2045350%29%203076s%0A%60%60%60%0A%u53EF%u4EE5%u770B%u5230gitlab%u542F%u7528%u4E86redis%2Cnginx%2Cpostgresql%2Cunicorn%2Clogrotate%u3002%20%u4E0B%u9762%u7B80%u5355%u4ECB%u7ECD%u4E00%u4E0B%u3002%0Anginx%20%u5176%u914D%u7F6E%u6587%u4EF6%u5728/var/opt/gitlab/nginx/conf%20%u4E0B%u9762%uFF0C%u53EF%u4EE5%u914D%u7F6E%u57DF%u540D%u7B49%u3002%0A%0A%0A%23%23%20svn%20%u8FC1%u79FB%u5230git%0A%u516C%u53F8%u4E4B%u524D%u4F7F%u7528%u7684%u662FSVN%uFF0C%u4F46%u662F%u6700%u8FD1%u5FC3%u8840%u6765%u6F6E%uFF0C%u60F3%u6362%u6210git%uFF0C%u7136%u540E%u5728%u670D%u52A1%u5668%u7AEF%u4F7F%u7528gitlab%u4E8E%u662F%u4E4E%uFF0C%u5C31%u5F00%u59CB%u5E72%u5427%u3002%0A%u8981%u60F3%u628Asvn%u8FC1%u79FB%u5230git%uFF0C%u9996%u5148%u7B2C%u4E00%u6B65%u5C31%u662F%u521B%u5EFAusers.txt%u6587%u4EF6%uFF0C%0A%u53C2%u8003%u94FE%u63A5%5BHow%20to%20migrate%20SVN%20repository%20with%20history%20to%20a%20new%20Git%20repository%3F%5D%5B4%5D%0A%0A%u4E00%uFF1A%20%u9996%u5148%uFF0C%u521B%u5EFAusers.txt%0A%u8FD9%u4E2A%u6587%u4EF6%u5FC5%u987B%u5305%u542Bsvn%u91CC%u7684%u6240%u6709%u7528%u6237%u3002%u800C%u4E14%u9700%u8981%u4E0Egitlab%u7684%u7528%u6237%u4E00%u4E00%u5BF9%u5E94%uFF0C%u5F53%u7136gitlab%u91CC%u7684%u7528%u6237%u8FD8%u662F%u9700%u8981%u4F60%u81EA%u5DF1%u4E00%u4E00%u521B%u5EFA%u7684%u3002%20%u4E0D%u7BA1git%u8FD8%u662Fsvn%u6BCF%u4E00%u4E2A%u5386%u53F2%u7248%u672C%u90FD%u4F1A%u663E%u793A%u662F%u90A3%u4E2A%u7528%u6237%u4FEE%u6539%u3002%u867D%u7136%u4EE5%u540E%u4E5F%u53EF%u4EE5%u4FEE%u6539author%uFF0C%u4F46%u662F%u76EE%u524D%u8FD8%u662F%u9700%u8981%u597D%u597D%u586B%u5199%u3002%0A%60%60%60bash%0Asvn%20log%20--xml%20%7C%20grep%20author%20%7C%20sort%20-u%20%7C%20perl%20-pe%20%27s/.\*%3E%28.\*%3F%29%3C.\*/%241%20%3D%20/%27%20%7C%20tee%20users.txt%0A%60%60%60%0A%u8FD9%u91CC%u7684users.txt%u7684%u683C%u5F0F%u662F%u8FD9%u6837%20%u6CE8%u610F%20%u82F1%u6587%u66FF%u6362%u6210%u522B%u7684%u540D%u5B57%uFF0C%u4F46%u662F%u7279%u6B8A%u7B26%u53F7%u4E00%u5B9A%u8981%u4FDD%u7559%27%3D%20%3C%20%3E%27%20%u800C%u4E14%u9700%u8981%u7684%u662Fsvn%u91CC%u7684%u6240%u6709%u7528%u6237%uFF0C%u5982%u679C%u6CA1%u6709%u586B%u5168%u4E5F%u6CA1%u5173%u7CFB%uFF0C%u4EE5%u540E%u4F1A%u6709%u63D0%u793A%u7F3A%u5C11%u90A3%u4E2A%u7528%u6237%u3002%0A%60%60%60%0Auser1%20%3D%20First%20Last%20Name%20%3Cemail@address.com%3E%0A%60%60%60%0A%u4E8C%uFF1A%20%u5F00%u59CBclone%0A%u628Asvn%u4ED3%u5E93%u91CC%u7684%u4EE3%u7801clone%u5230git%2C%u8FD9%u91CC%u5C31%u662F%u628Asvn%u7684%u4ECE%u7B2C%u4E00%u4E2A%u7248%u672C%u5F00%u59CB%u6BCF%u4E00%u6B21%u63D0%u4EA4%u8F6C%u6362%u6210git%u7248%u672C%u5386%u53F2%u3002%u6240%u4EE5%u6BD4%u8F83%u8D39%u65F6%uFF0C%u6709%u65F6%u5019%u4F1A%u82B1%u5F88%u957F%u65F6%u95F4%u6765clone%0A%60%60%60bash%0A%24%20git%20svn%20clone%20--stdlayout%20--no-metadata%20--authors-file%3Dusers.txt%20svn%3A//hostname/path%20dest\_dir-tmp%0A%24%20cd%20dest\_dir-tmp%0A%24%20git%20svn%20fetch%0A%60%60%60%0Aclone%u540E%u5C31%u5F00%u59CB%u628Asvn%u7248%u672C%u4E00%u4E2A%u4E2A%u8F6C%u6210git%u7248%u672C%uFF0C%u4F46%u662F%u671F%u95F4%u6709%u53EF%u80FD%u56E0%u4E3A%u51FA%u9519%u800C%u6682%u505C%uFF0C%u8FD9%u65F6%u5019%u5C31%u9700%u8981%u4F7F%u7528fetch%u6765%u7EE7%u7EED%u64CD%u4F5C%u3002%u8FD9%u91CC%u9700%u8981%u591A%u6B21fetch%u56E0%u4E3A%u6709%u65F6%u5019%u56DE%u51FA%u9519%u3002%u76F4%u5230%u540C%u6B65%u5230svn%u6700%u65B0%u7248%u672C%u3002%0A%u7136%u540E%u4F60%u53D1%u73B0%u8FD9%u4E2A%u76EE%u5F55%u91CC%u8FD8%u662F%u4EC0%u4E48%u90FD%u6CA1%u6709%uFF0C%u522B%u614C%uFF0C%u8FD8%u9700%u8981%u628A%u8FDC%u7A0B%u7684%u62C9%u5230%u672C%u5730%u3002%0A%60%60%60%0A%24%20git%20branch%20-r%20%20%23%u67E5%u770B%u8FDC%u7A0B%u5206%u652F%0A%24%20git%20checkout%20-b%20local\_branch%20remote\_branch%0A%60%60%60%0A%0A%u4E09%uFF1A%u5206%u79BB%u4ED3%u5E93%0A%0A%u73B0%u5728%u57FA%u672C%u5DF2%u7ECF%u5B8C%u6210%uFF0C%u4E0D%u8FC7%u56E0%u4E3A%u628Asvn%u4ED3%u5E93%u91CC%u7684%u90FD%u8F6C%u6210%u4E86git%u7248%u672C%uFF0C%u6240%u4EE5git%u8FD9%u4E2A%u4ED3%u5E93%u663E%u5F97%u683C%u5916%u4E4B%u5927%uFF0C%u4E0B%u9762%u5C31%u5F00%u59CB%u5206%u79BB%u4ED3%u5E93.%u4E3E%u4F8B%u73B0%u5728%u8981%u628A%20%20dest\_dir-tmp/java%20%u5206%u79BB%u51FA%u6765%20%u53C2%u8003%u6587%u6863%20%0A%0A%5B%u62C6%u5206%u5B50%u9879%u76EE%5D%28http%3A//codego.net/21462/%29%20%20%0A%5BSplitting%20a%20subfolder%20out%20into%20a%20new%20repository%5D%5B5%5D%0A%5BDetach%20%28move%29%20subdirectory%20into%20separate%20Git%20repository%5D%5B6%5D%0A%60%60%60%0A%24%20git%20clone%20dest\_dir-tmp%20java%0A%24%20cd%20%20java%0A%24%20for%20i%20in%20%24%28git%20branch%20-r%20%7C%20sed%20%22s/.\*origin%5C///%22%29%3B%20do%20git%20branch%20-t%20%24i%20origin/%24i%3B%20done%0Agit%20remote%20rm%20origin%0A%24%20git%20remote%20rm%20origin%0A%24%20git%20filter-branch%20--tag-name-filter%20cat%20--prune-empty%20--subdirectory-filter%20java%20--%20--all%0A%23%u6216%u53EF%u9009%u62E9%u5730%uFF0C%u53EA%u6539%u5199HEAD%u5206%u652F%uFF0C%u800C%u5FFD%u7565%u6807%u7B7E%u548C%u5176%u4ED6%u5206%u652F%uFF1A%0A%24%20git%20filter-branch%20--tag-name-filter%20cat%20--prune-empty%20--subdirectory-filter%20ABC%20HEAD%0A%23%u7136%u540E%u5220%u9664%u5907%u4EFDreflogs%u8FD9%u6837%u7684%u7A7A%u95F4%u624D%u80FD%u771F%u6B63%u7684%uFF08%u867D%u7136%u73B0%u5728%u7684%u64CD%u4F5C%u662F%u7834%u574F%u6027%u7684%uFF09%0A%24%20git%20reset%20--hard%0A%24%20git%20for-each-ref%20--format%3D%22%25%28refname%29%22%20refs/original/%20%7C%20xargs%20-n%201%20git%20update-ref%20-d%0A%24%20git%20reflog%20expire%20--expire%3Dnow%20--all%0A%24%20git%20gc%20--aggressive%20--prune%3Dnow%0A%60%60%60%0A%u8FD9%u6837%u5C31%u628Ajava%u8FD9%u4E2A%u9879%u76EE%u5206%u4EAB%u51FA%u6765%u4E86%u3002%u53EF%u4EE5%u4F7F%u7528%60git%20branch%20-a%20%60%u6765%u67E5%u770B%u62E5%u6709%u7684%u5206%u652F%uFF0C%u5982%u679C%u6CA1%u6709branch%u90A3%u4E48%u5C31%u9700%u8981%u65B0%u5EFA%u4E00%u4E2A%u3002%0A%0A%23%23%23%20%u628A%u672C%u5730%u7684git%u4ED3%u5E93%u4E0A%u4F20%u5230%20gitlab%0A%20%u73B0%u5728%u5269%u4E0B%u6700%u540E%u4E00%u9879%u4EFB%u52A1%u4E86%uFF0C%u628A%u73B0%u6709%u7684git%u4E0A%u4F20%u5230gitlab%0A%60%60%60%0A%24%20cd%20java%0A%24%20git%20remote%20add%20origin%20git@http\_url/java.git%0A%24%20git%20pull%20origin%20master%0A%24%20git%20checkout%20-b%20develop%0A%24%20git%20push%20origin%20develop%0A%0A%60%60%60%0A%0A%0A%0A%23%23%23%20%u4FEE%u6539git%u5386%u53F2%u7248%u672C%u4E2D%u7684author%0A%u5728svn%u8FC1%u79FB%u5230git%u65F6%u56E0%u4E3A%u5728users.txt%u4E2D%u6709%u4E9B%u7528%u6237%u5199%u9519%u4E86%uFF0C%u4E0Egitlab%u4E0A%u7684%u7528%u6237%u65E0%u6CD5%u5BF9%u5E94%uFF0C%u867D%u7136gitlab%u53EF%u4EE5%u521B%u5EFA%u5BF9%u5E94%u7684%u7528%u6237%uFF0C%u4F46%u662F%u4E5F%u4E0D%u80FD%u7ED9%u5F00%u53D1%u6539%u540D%u5B57%uFF0C%u8FD8%u5FC5%u987B%u4F7F%u7528%u539F%u6765%u7684%u7528%u6237%uFF0C%u6240%u4EE5%u73B0%u5728%u7684%u95EE%u9898%u5C31%u662F%u4FEE%u6539git%u5386%u53F2%u7248%u672C%u4E2D%u7684author%u8BA9%u4ED6%u4E0Egitlab%u7684%u7528%u6237%u5BF9%u5E94%u8D77%u6765%u3002%0A%0Agithub%u7ED9%u51FA%u4E86%u53EF%u9760%u7684%u5B98%u65B9%u6307%u5357%u3002%5BChanging-author-info%5D%5B1%5D%20%u90A3%u4E48%u73B0%u5728%u5C31%u6309%u7167%u8FD9%u4E2A%u65B9%u6CD5%u6765%u6765%u5427%u3002%u90A3%u4E48%u8981%u4E0D%u8981%u7FFB%u8BD1%u5462%uFF1F%20%u6211%u89C9%u5F97%u4E0D%u9700%u8981%uFF0C%u539F%u6C41%u539F%u5473%u7684%u591A%u597D%20%u53E6%u5916%u8FD9%u91CC%u6709%u7FFB%u8BD1%u597D%u7684%20%5B%u4FEE%u6539%20Github%20commit%20%u7684%u4F5C%u8005%u4FE1%u606F%5D%5B3%5D%0A%0ATo%20change%20the%20name%20and/or%20email%20address%20recorded%20in%20existing%20commits%2C%20you%20must%20rewrite%20the%20entire%20history%20of%20your%20Git%20repository.%0A%0A%3E%20Warning%3A%20This%20action%20is%20destructive%20to%20your%20repository%27s%20history.%20If%20you%27re%20collaborating%20on%20a%20repository%20with%20others%2C%20it%27s%20considered%20bad%20practice%20to%20rewrite%20published%20history.%20You%20should%20only%20do%20this%20in%20an%20emergency.%0A%0A%23%23%23%23%20Changing%20the%20Git%20history%20of%20your%20repository%20using%20a%20script%0A%0AWe%27ve%20created%20a%20script%20that%20will%20change%20any%20commits%20that%20previously%20had%20the%20old%20email%20address%20in%20its%20author%20or%20committer%20fields%20to%20use%20the%20correct%20name%20and%20email%20address.%0A%0A%3E%20Note%3A%20Running%20this%20script%20rewrites%20history%20for%20all%20repository%20collaborators.%20After%20completing%20these%20steps%2C%20any%20person%20with%20forks%20or%20clones%20must%20fetch%20the%20rewritten%20history%20and%20rebase%20any%20local%20changes%20into%20the%20rewritten%20history.%0A%0ABefore%20running%20this%20script%2C%20you%27ll%20need%3A%0A%0AThe%20old%20email%20address%20that%20appears%20in%20the%20author/committer%20fields%20that%20you%20want%20to%20change%0AThe%20correct%20name%20and%20email%20address%20that%20you%20would%20like%20such%20commits%20to%20be%20attributed%20to%0A%0A%u4E00%uFF1AOpen%20Git%20Bash.%0A%0A%u4E8C%uFF1ACreate%20a%20fresh%2C%20bare%20clone%20of%20your%20repository%3A%0A%20%0A%60%60%60bash%0Agit%20clone%20--bare%20https%3A//github.com/user/repo.git%0Acd%20repo.git%0A%60%60%60%0A%0A%u4E09%uFF1ACopy%20and%20paste%20the%20script%2C%20replacing%20the%20following%20variables%20based%20on%20the%20information%20you%20gathered%3A%0A%0A\*\*OLD\_EMAIL\*\*%0A\*\*CORRECT\_NAME\*\*%0A\*\*CORRECT\_EMAIL\*\*%0A%0A%60%60%60bash%0A%23%21/bin/sh%0A%0Agit%20filter-branch%20--env-filter%20%27%0AOLD\_EMAIL%3D%22your-old-email@example.com%22%0ACORRECT\_NAME%3D%22Your%20Correct%20Name%22%0ACORRECT\_EMAIL%3D%22your-correct-email@example.com%22%0Aif%20%5B%20%22%24GIT\_COMMITTER\_EMAIL%22%20%3D%20%22%24OLD\_EMAIL%22%20%5D%0Athen%0A%20%20%20%20export%20GIT\_COMMITTER\_NAME%3D%22%24CORRECT\_NAME%22%0A%20%20%20%20export%20GIT\_COMMITTER\_EMAIL%3D%22%24CORRECT\_EMAIL%22%0Afi%0Aif%20%5B%20%22%24GIT\_AUTHOR\_EMAIL%22%20%3D%20%22%24OLD\_EMAIL%22%20%5D%0Athen%0A%20%20%20%20export%20GIT\_AUTHOR\_NAME%3D%22%24CORRECT\_NAME%22%0A%20%20%20%20export%20GIT\_AUTHOR\_EMAIL%3D%22%24CORRECT\_EMAIL%22%0Afi%0A%27%20--tag-name-filter%20cat%20--%20--branches%20--tags%0A%60%60%60%0Aview%20%5Brawgit-author-rewrite.sh%5D%5B2%5D%20hosted%20with%20%u2764%20by%20GitHub%0A%0A%u56DB%uFF1APress%20Enter%20to%20run%20the%20script.%0A%u4E94%uFF1AReview%20the%20new%20Git%20history%20for%20errors.%0A%u516D%uFF1A%20Push%20the%20corrected%20history%20to%20GitHub%3A%0A%60%60%60bash%0Agit%20push%20--force%20--tags%20origin%20%27refs/heads/\*%27%0A%60%60%60%0A%u4E03%uFF1AClean%20up%20the%20temporary%20clone%3A%0A%60%60%60bash%0Acd%20..%0Arm%20-rf%20repo.git%0A%60%60%60%0A%0A%0A%0A%0A%5B1%5D%3A%20https%3A//help.github.com/articles/changing-author-info/%0A%5B2%5D%3A%20https%3A//gist.github.com/octocat/0831f3fbd83ac4d46451%23file-git-author-rewrite-sh%0A%5B3%5D%3A%20http%3A//www.jianshu.com/p/b6add8187c06%0A%5B4%5D%3A%20http%3A//stackoverflow.com/questions/79165/how-to-migrate-svn-repository-with-history-to-a-new-git-repository%0A%5B5%5D%3A%20https%3A//help.github.com/articles/splitting-a-subfolder-out-into-a-new-repository/%0A%5B6%5D%3A%20http%3A//stackoverflow.com/questions/359424/detach-move-subdirectory-into-separate-git-repository