GitHub上传大文件\_Github管理大文件lfs

[GitHub](https://so.csdn.net/so/search?q=GitHub&spm=1001.2101.3001.7020)不允许直接上传大文件（超过100M）的文件到远程仓库，若要想继续提交可以尝试使用大文件支持库：使用的简单步骤：

## 安装[git](https://so.csdn.net/so/search?q=git&spm=1001.2101.3001.7020)-lfs

去GitHub上找到自己需要的[版本](https://github.com/git-lfs/git-lfs/releases)

我用的是[ubuntu](https://so.csdn.net/so/search?q=ubuntu&spm=1001.2101.3001.7020)的

sudo apt-get install git-lfs

## 开启lfs功能

git lfs install

## 添加大文件

使用 git lfs track 命令进行大文件追踪 例如git lfs track “\*.png” 追踪所有后缀为png的文件

git lfs track Nessus8.14破解版/Nessus-8.14.0-es7.x86\_64.rpm

查看GIT LFS管理的文件

git lfs track

或者 显示当前跟踪的文件列表

git lfs ls-files

## 自动生成.gitattributes

上面 执行 git lfs track ...后会自动生成 .gitattributes

如果没有生成，我们可以自己创建 .gitattributes 文件  
文件内容为：

cat .gitattributes

Nessus8.14破解版/Nessus-8.14.0-es7.x86\_64.rpm filter=lfs diff=lfs merge=lfs -text

Nessus8.14破解版/all-2.0.tar.gz filter=lfs diff=lfs merge=lfs -text

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## 提交 .gitattributess配置文件

注意：要先提交配置文件，再提交大文件

git add .gitattributes

git commit -m "添加大文件支持"

git push

## 提交 大文件

git add Nessus8.14破解版/\*

git commit -m "添加软件件Nessus"

git push

## 1、提交时可能遇到问题

remote: error: GH001: Large files detected. You may want to try Git Large File Storage - https://git-lfs.github.com.

leenhem@DESKTOP-0ACGT17:/mnt/c/workspace/code/software$ git push

Username for 'https://github.com': leenhem

Password for 'https://leenhem@github.com':

Enumerating objects: 11, done.

Counting objects: 100% (11/11), done.

Delta compression using up to 4 threads

Compressing objects: 100% (10/10), done.

Writing objects: 100% (10/10), 342.56 MiB | 25.16 MiB/s, done.

Total 10 (delta 1), reused 0 (delta 0)

remote: Resolving deltas: 100% (1/1), done.

remote: error: GH001: Large files detected. You may want to try Git Large File Storage - https://git-lfs.github.com.

remote: error: Trace: 0e943ab99b89439cfe86e15a06ca164ac242bda2fbe0c3e4fc156f3b8fcc24a9

remote: error: See http://git.io/iEPt8g for more information.

remote: error: File Nessus8.14破解版/all-2.0.tar.gz is 301.99 MB; this exceeds GitHub's file size limit of 100.00 MB

To https://github.com/leenhem/software.git

! [remote rejected] master -> master (pre-receive hook declined)

error: failed to push some refs to 'https://github.com/leenhem/software.git'

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### 解决方法

先把这个.gitattributes跟踪文件提交上传到远程，再把大文件提交并上传到远程的，这个要注意顺序。

## 2、提交时可能遇到问题

Remote “origin” does not support the LFS locking API. Consider disabling it with:  
$ git config lfs.https://github.com/leenhem/software.git/info/lfs.locksverify false  
Post https://github.com/leenhem/software.git/info/lfs/locks/verify: unexpected EOF  
error: failed to push some refs to ‘https://github.com/leenhem/software.git’

leenhem@DESKTOP-0ACGT17:/mnt/c/workspace/code/software1/software$ git push

Username for 'https://github.com': leenhem

Password for 'https://leenhem@github.com':

Remote "origin" does not support the LFS locking API. Consider disabling it with:

$ git config lfs.https://github.com/leenhem/software.git/info/lfs.locksverify false

Post https://github.com/leenhem/software.git/info/lfs/locks/verify: unexpected EOF

error: failed to push some refs to 'https://github.com/leenhem/software.git'

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### 解决方法

按照提示执行命令

git config lfs.https://github.com/leenhem/software.git/info/lfs.locksverify false