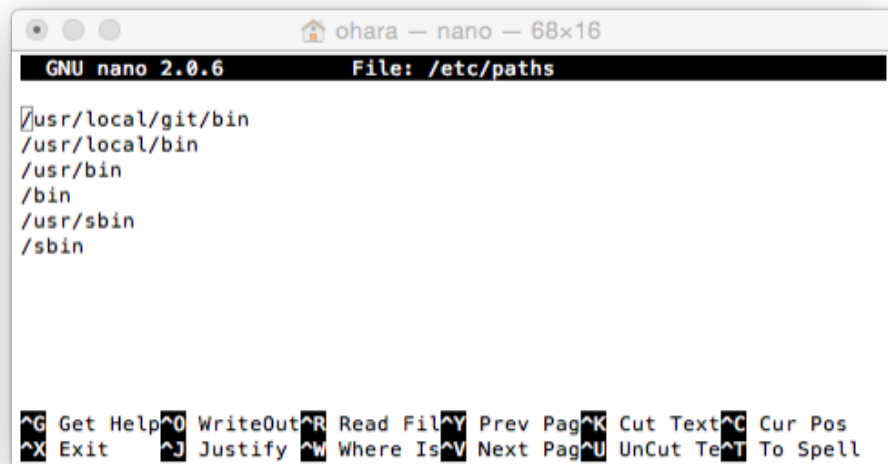


1. Check your current version of **git.exe**. Type this at the terminal command line:
 - o `$ git --version`
 - o This should return the version: `git version 2.10.0`
2. If you do not see that version go to <http://git-scm.com/download/mac>, download the latest *git* for OS X, install it.
3. In terminal, type `git --version` and verify that it reports the new version. If it shows the new version, great! Skip to Step 5.
 - o Don't be sad if it doesn't! If you still see the old version, the installer put the new version into a different directory, which has a lower priority in the search path, so now to update the search path. The default Apple *git* seems to install the **git.exe** into `/usr/bin/` directory, this particular updater seems to install into `/usr/local/git/bin/` directory. The search path needs to be updated to look for **git.exe** in the new directory first.
4. To change the search path, open up the paths file in **nano** editor using **sudo**:
 - o `$ sudo nano /etc/paths`
 - o At the top line of the paths file, add the directory for the updated *git*:
'`/usr/local/git/bin`' (without the quotes) so it looks like the top line here:



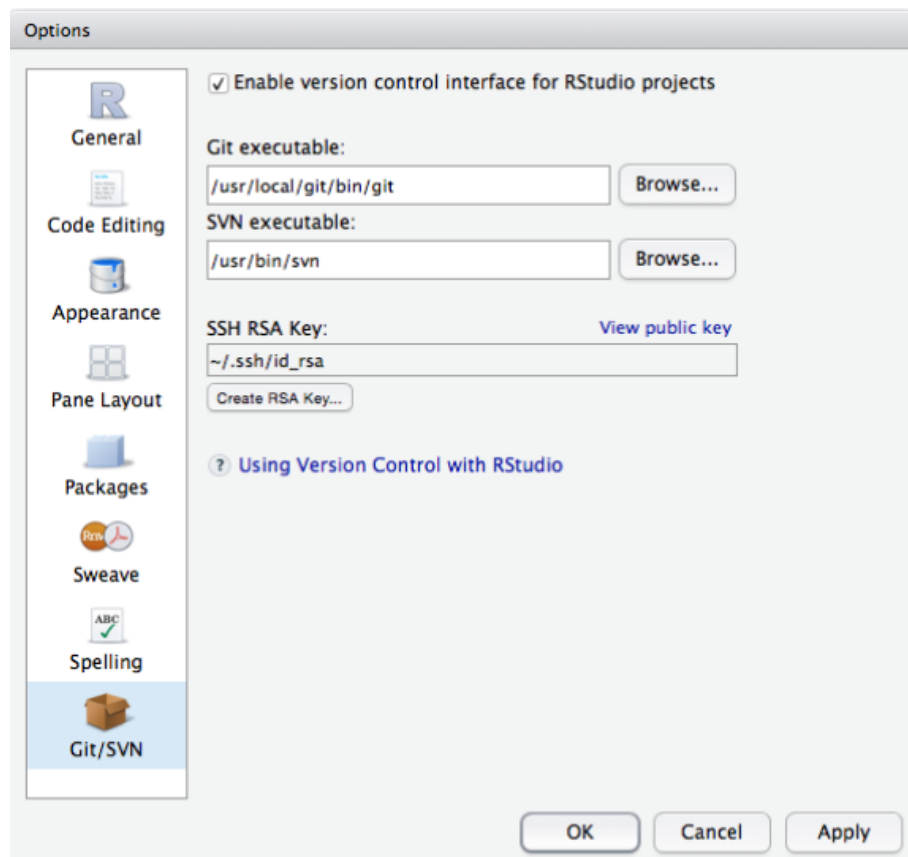
```
ohara — nano — 68x16
GNU nano 2.0.6 File: /etc/paths

/usr/local/git/bin
/usr/local/bin
/usr/bin
/bin
/usr/sbin
/sbin

^G Get Help ^O WriteOut ^R Read File ^Y Prev Page ^K Cut Text ^C Cur Pos
^X Exit ^J Justify ^W Where Is ^V Next Page ^U UnCut Text ^T To Spell
```

- o Then hit **control-x** to exit, then Y in response to the save prompt.
5. Make sure your **git config** is up to date, including **credential.helper**:
 - o `$ git config --global -l` should return something like:
 - o `user.name="Casey O'Hara"`
 - o `user.email=ohara@nceas.ucsb.edu`
 - see https://github.com/OHI-Science/ohiprep/wiki/Setup#git_identity for help on updating user.name and user.email
 - o `credential.helper=osxkeychain`
 - (if you need to configure the credential helper:
<https://help.github.com/articles/caching-your-github-password-in-git/>)
 6. Now while you are in Terminal, it is important to sync with a repository to establish your security credentials. You must clone a repository and push a 'test' commit, and then once you are prompted for your username and password your information will get stored in the keychain. Here are the steps:
 - o Change your working directory to your local github directory: `$ cd github`

- (Tip: you can check if you're in the right folder by entering `pwd`, short for "print working directory"; or you could look at the line of code preceding the "\$".)
 - Go to the following URL: <https://github.com/core-methods-in-edm/test>
 - Fork this repository to your own Github account
 - Copy the URL from *your forked version*
 - Now you can clone into a repository using the terminal:
 - `$ git clone <the URL for your forked version>`
 - Change your working directory to the folder you just created: `$ cd test`
 - Push a test commit to repository 'test':
 - `$ touch test.md`
 - `$ git add test.md`
 - `$ git commit -m "testing"`
 - `$ git status`
 - `$ git push`
 - Check your status again: `$ git status`
7. Now that *git* is updated and your username and password are set, make sure RStudio knows the location of the new *git.exe*. In RStudio, select **Tools > Global Options...**, select the **Git/SVN**, and browse to the new **Git executable** (it should appear as `/usr/local/git/bin/git` if you updated your *git* version as above).



Next time you push a commit from RStudio, it should remember the username and password from your test commit in Step 6, and you should be good to go.