



RStudio: Pushing to Github with ssh-authentication

Posted on May 12, 2014 by Petr Simecek in R bloggers | 0 Comments

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If [RStudio](#) prompts you for a username and password every time you try to push your project to [Github](#), open the shell (Git menu: More/Shell...) and do the following:

1) Set username and email (if you did not do that before)

```
git config --global user.name "your_username"
git config --global user.email "your_email@example.com"
```

2) Create SSH key

```
ssh-keygen -t rsa -C "your_email@example.com"
```

In RStudio, go to menu Tools / Global options / Git SVN / View public key and copy the key to your Github account setting (Edit profile / SSH keys / Add SSH key).

To check that ssh-authentication works, try to run

```
ssh -T git@github.com
```

and you should get something like

Hi your_username! You've successfully authenticated, but GitHub does not provide shell access.

3) Change remote.origin.url from HTTPS to HTTP

It might be Windows specific, but after 1)+2) RStudio still asks me for user name and password. After a long Google search, I have found a solution [here](#) and that is

```
git config remote.origin.url git@github.com:your_username/your_project.git
```

Hip, Hip, Hurrah!



If it was trivial for you, I do apologize. I am still very bad in guessing what could be [useful for somebody](#) and what not so much. That is why I have this blog and Github account in the first place.

One example, last year I published [a paper](#) in JSPI journal that improves a test for interaction in some very specific 2-way ANOVA situation (just one observation per group). The paper submission was an odyssey, mostly because of me. In one moment I doubted whether to retract the paper or not and I even did not upload the package to CRAN at first, just put it on Github.

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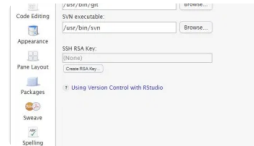
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Then I discovered that some guys found it and had built their package using it. They presented the results at [UseR! 2013 conference](#). I might have met one of [those biologists](#) but I am sure I never mentioned my package to them. Finally, – and this is a bit embarrassing – I received an email from Fernando Tusell that I misspelled his name in one of my functions.

In summary, even if you see your work as non-essential from your perspective, the others may have different view. Just do your best and share your results. Github is a perfect place for this.

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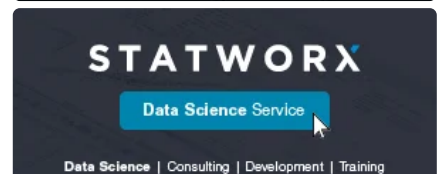
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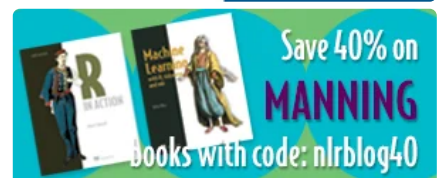
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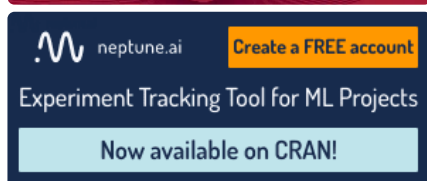
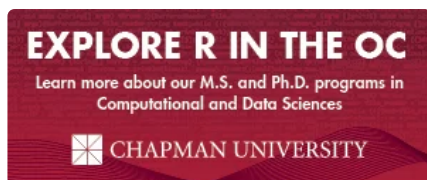
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