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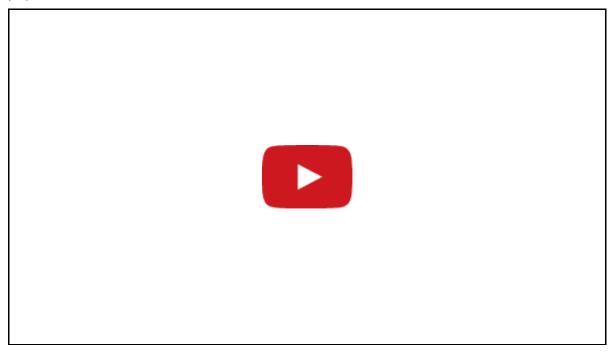- **[Web Design »](#)**

Git Video Tutorial 2

Posted by [Derek Banas](#) on Apr 18, 2014 in [Git Video Tutorial](#) | [4 comments](#)

In this part of my Git video tutorial I'll cover using GitHub and remote repositories in general. We'll push and pull data from GitHub and to GitHub. We'll also take a look at remote, fetch, tagging, aliases, clone and much more.

If you missed part 1 of my [Git video tutorial](#) you need to watch that first because I covered a lot there. I also have a transcript of the video below.

If you like videos like this it helps to tell Google Plus with a click here ⟨8+1⟩ ⟨46⟩

Other Git Video Tutorial Videos

Init, Add, Commit, Status, Diff, Rm, Log and Installation : http://goo.gl/L3bR9f

GitHub, Remote Repositories, Push, Pull, Remote, Fetch, Tagging, Aliases and Clone : http://goo.gl/ctIF44

Branching, HEAD, Checkout, Rebasing, Reverting, Reset, Clean, Solving Merge Conflicts and Mergetool : http://goo.gl/zWDj7T

Generating SSH keys, how to set up multiple GitHub accounts on one computer and the Fork & Pull workflow : http://goo.gl/jQo7rv

```
01  --------------- GIT PART 2 ---------------
02
03  1. GitHub allows you to host your code repositories online.
    I'll set up everything for it in this video. I'll also cover
    remote depositories in general.
04
05  2. Remote repositories are normally read only, or read write
    only to those who are authorized
06
07  3. You either push or pull updates from these remote
    repositories.
08
09  4. To push your directory to GitHub ---------------
10
11  a. git init
12
13  b. git add . # Stages all new and modified files and
    directories
```

14
15   c. git commit -m 'Initial Project Version'
16
17   d. git remote add origin
     https://github.com/derekbanas/SimpleFragment.git
18
19   e. git push origin master
20
21   5. git remote -v # Lists all remotes and their URLs
22
23   6. git fetch origin # Gets data from the remote, but it doesn't
     merge changes with your work
24
25   7. git pull https://github.com/derekbanas/SimpleFragment.git
26
27   a. Pulls all changes and saves them to your directory
28
29   8. How to push changes to GitHub ----------------
30
31   a. I add .gitignore for Android on my local machine
32
33   b. In the terminal type
34
35   I. git add .gitignore # Stage .gitignore
36
37   II. git commit -m 'Added .gitignore for Android' # Commit
38
39   III. git push # Push the changes to GitHub
40
41   9. git remote rename origin sf # Renames remote to sf
42
43   10. Tagging ----------------
44
45   a. Tags are used to tag files at important points in history
46
47   b. git tag -a v0.1 -m 'version 0.1' # Creates an annotated tag
48
49   c. git tag # Shows all the tags
50
51   d. git show v0.1 # Shows details about the commit that was
     tagged
52
53   e. git tag v0.4-lw
54
55   I. Creates a lightweight tag on a commit that stores the hash
     for the commit
56
57   f. git tag -a v0.01 c930a8
58
59   I. You can tag commits after the event also. When you enter
     this command an editor opens for you to leave a comment. The
     final part is the hash for the commit you want to tag.
60

```
61  g. git push sf v0.1 # You can also push tags
62
63  I. The tag shows up under releases on GitHub
64
65  II. git push sf --tags # You can also push all tags at once
66
67  h. You can set aliases to save time
68
69  I. git config --global alias.co commit
70
71  II. Now you can type git co to commit
72
73  i. Clone a GitHub Repository
74
75  I. Go to the directory you want to use
76
77  II. git clone https://github.com/derekbanas/google-api-nodejs-
    client.git
```

4 Responses to "Git Video Tutorial 2"

1. *Laurence Quinn* says:
    [April 19, 2014 at 6:21 am](#)

    Hey Derek,
    I really like the Git videos. Thanks.
    Random question but what font do you use in Eclipse? I really like it and would like to use it on my Eclipse.
    I sent this here because I guess you're most likely to see it here!

    Thanks a lot!

    [Reply](#)

    o   [*Derek Banas*](#) says:
        [April 19, 2014 at 5:33 pm](#)

        Thank you 😊 I'll do my best to cover most of the things you'll need for get. The font I use is called Monaco.

        [Reply](#)

2. *George Torres* says:
    [April 20, 2014 at 12:55 pm](#)

    Sr. Derek, seu trabalho é grandioso. I'll share here in Brazil.

Reply

- *Derek Banas* says:
  April 20, 2014 at 5:00 pm

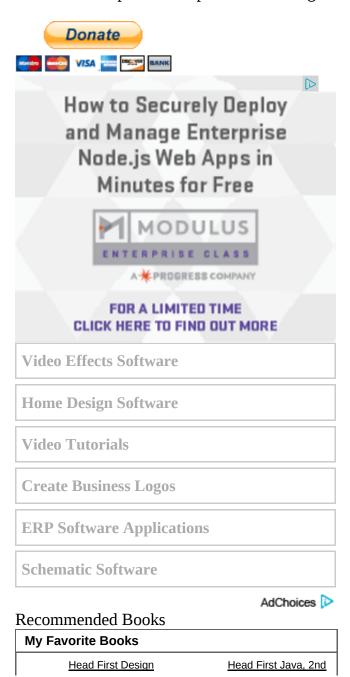 Obrigado. Estou muito feliz que você ache útil 😃

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