**Creating and using GitHub repo**

- Create a free account on github

- Click on “ Create a new repository” For example I created repo with name “N9QTweak”

- Now on your PC create a folder, for example: **/home/your\_user\_name/GitHub**

- in terminal type:

|  |
| --- |
| [**schturman@Hostel3**](mailto:schturman@Hostel3)**: cd /home/schturman/GitHub**  [**schturman@Hostel3**](mailto:schturman@Hostel3)**:~/GitHub$ git init** |

This will create a local git repo on your PC, so now we clone your git repo from github so you type:

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| --- |
| [**schturman@Hostel3**](mailto:schturman@Hostel3)**:~/GitHub$ git clone https://github.com/Schturman/N9QTweak.git** |

This will create folder **N9QTweak: /home/schturman/GitHub/N9QTweak**

- For the first time you need to run this command:

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| --- |
| [**schturman@Hostel3**](mailto:schturman@Hostel3)**:~/GitHub$ git remote add origin https://github.com/Schturman/N9QTweak.git** |

- Now you can try to push to GitHub. It will ask for your username and pass:

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| --- |
| **schturman@Hostel3:~/GitHub$** **cd /home/schturman/GitHub/N9QTweak**  **schturman@Hostel3:~/GitHub/N9QTweak$** **git push origin master**  **Username for 'https://github.com':** **schturman**  **Password for 'https://schturman@github.com':**  **Everything up-to-date** |

- Now you can add new files to your local repo and push them to GitHub:

1. put your files to: **/home/schturman/GitHub/N9QTweak** (you can add or replace files)

2. this will add new files to local repo:

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| --- |
| **schturman@Hostel3:~/GitHub/N9QTweak$** **git add \*** |

3. now you need commit them:

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| **schturman@Hostel3:~/GitHub/N9QTweak$** **git commit -a** |

It will open a text editor prompt asking you to describe, write something... maybe update to v10.X then save by pressing **Ctrl+X → y → enter.** You will get something like this:

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| --- |
| [master 02185f3] **version 9.5.9** ← this is my description that I wrote in editor  Committer: Schturman <schturman@Hostel3.(none)>  Your name and email address were configured automatically based  on your username and hostname. Please check that they are accurate.  You can suppress this message by setting them explicitly:  git config --global user.name "Your Name"  git config --global user.email you@example.com  After doing this, you may fix the identity used for this commit with:  git commit --amend --reset-author  1 file changed, 0 insertions(+), 0 deletions(-)  create mode 100644 n9-qtweakmy\_9.5.9\_armel.deb  **schturman@Hostel3:~/GitHub/N9QTweak$** |

- Now you are ready do “git push” again to push the files:

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| --- |
| **schturman@Hostel3:~/GitHub/N9QTweak$** **git push origin master** |

It will again ask you for username and pass.

And when it upload your files, you will see something like this:

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| --- |
| **schturman@Hostel3:~/GitHub/N9QTweak$** **git push origin master**  Username for 'https://github.com': schturman  Password for 'https://schturman@github.com':  Counting objects: 4, done.  Delta compression using up to 4 threads.  Compressing objects: 100% (3/3), done.  Writing objects: 100% (3/3), 16.86 MiB | 127 KiB/s, done.  Total 3 (delta 0), reused 0 (delta 0)  To https://github.com/Schturman/N9QTweak.git  914613d..02185f3 master -> master  **schturman@Hostel3:~/GitHub/N9QTweak$** |

- Go to your online repo (<https://github.com/Schturman/N9QTweak>) and you will see here your new files :)

- If for example previously you had in github v9.9 and now you push v10.0 but want to delete v9.9, delete v9.9 from your local repo then when doing “git push” you do:

|  |
| --- |
| **schturman@Hostel3:~/GitHub/N9QTweak$** **git push origin master --force** |

This would mean your github's contents will be removed and only whatever is on your local repo will be pushed up and be hosted on github.

**Thanks for help to Thedead1440 from TMO.**

Schturman

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