

R-Ladies Philly 2021 Datahon

Git Guidelines

Link to the 2021 Datathon GitHub repo:

https://github.com/rladiesPHL/2021_datathon

For those that are new to Git and GitHub, we recommend this resource:

<https://happygitwithr.com>

Here is the general approach:

- For any contributions, please only work/modify within the Analyses/ directory specific to the group you are contributing to.
- In other words, don't add files to places other than Analyses, unless you ask first. This is meant to help avoid unnecessary conflicts.

rladiesPHL / 2021_datathon

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main 2021_datathon / analyses / Go to file Add file ...

..

team1	added answers to FAQ in readme and reorganized analyses folder	yesterday
team2	added answers to FAQ in readme and reorganized analyses folder	yesterday
team3	added answers to FAQ in readme and reorganized analyses folder	yesterday

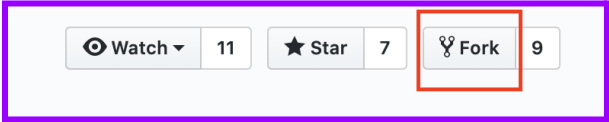
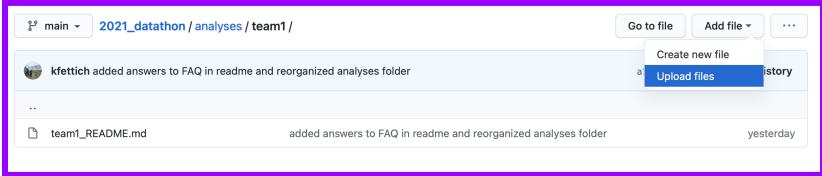
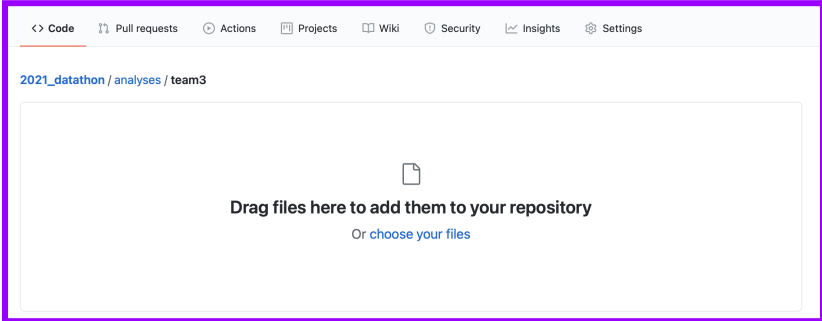
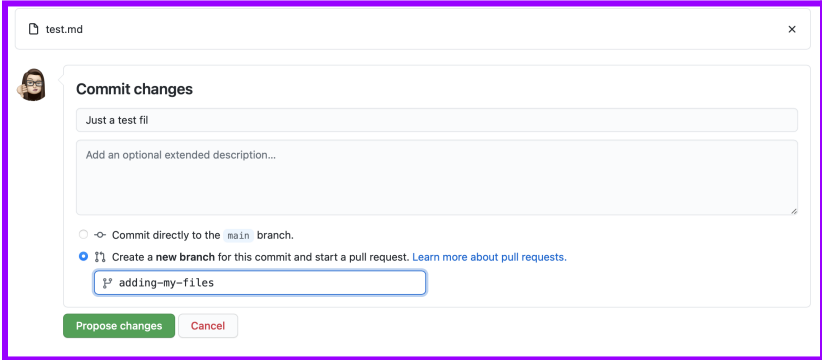
To contribute, you will need to:

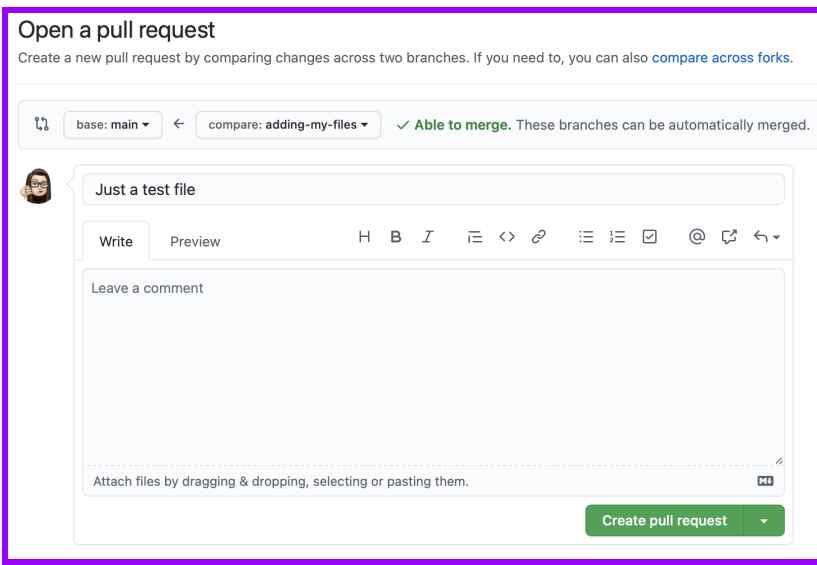
1. Fork the repo
2. Create a new branch
3. Commit and push all your changes
4. Make a pull request to the upstream repo

Step-by-step the easy way

Here is a step-by-step guide to this all through the GitHub website without needing command-line knowledge of Git:

In this example, I will add a file to the analyses/team1 folder

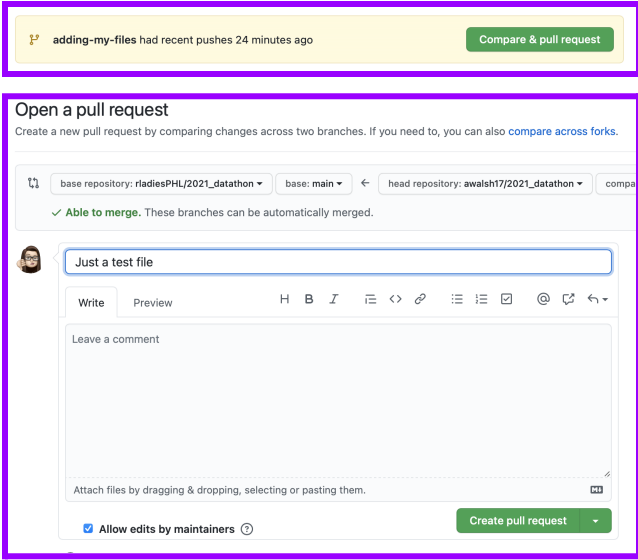
1. Create a Fork (top right of repo page)	
2. Navigate to the appropriate location (analyses/team1)	
Click the “Upload files” button under “Add file”	
You will get this screen; drag and drop to add your file: <i>This will only work if you have “push” permission. Therefore, you can do this in your fork.</i>	
You want to add a descriptive description and then select “Create a new branch...” It will look like this:	

Click “Propose changes”. Github will check whether there are any “conflicts” or if you can merge. This is what it will look like:	
Click: “Create pull request”!	
One of the organizers will approve your pull request!	You will receive an email notification
<i>If you have any problems, ask about it in the #r-help channel on the Slack workspace!</i>	

Step-by-step the command line way

1	Create a fork as above and clone that to your local machine (or wherever you are working) (see this guide)	<code>\$ git clone (paste repo URL)</code>
2	Make your changes	

3	In the directory containing the git repo, check out a new branch (in this example, the new branch will be called “adding-new-files”	<pre>\$ git checkout -b adding-new-files Switched to a new branch 'adding-new-files'</pre>
4	Stage, commit your changes	<pre>\$ git add analyses/team3/test.md \$ git commit -m "just a test" [adding-new-files 879d314] just a test 1 file changed, 1 insertion(+) create mode 100644 analyses/team3/test.md</pre>
5	Push to upstream (see this example)	<pre>\$ git push --set-upstream origin adding-new-files Enumerating objects: 8, done. Counting objects: 100% (8/8), done. Delta compression using up to 4 threads Compressing objects: 100% (4/4), done. Writing objects: 100% (5/5), 420 bytes 420.00 KiB/s, done. Total 5 (delta 2), reused 0 (delta 0) remote: Resolving deltas: 100% (2/2), completed with 2 local objects. remote: remote: Create a pull request for 'adding-new-files' on GitHub by visiting: remote: https://github.com/awalsh17/2021_datathon/pull/ new/adding-new-file remote: To https://github.com/awalsh17/2021_datathon.git * [new branch] adding-new-files -> adding-new-files Branch 'adding-new-files' set up to track remote branch 'adding-new-files' from 'origin'.</pre>

6	Submit a pull request (PR) on GitHub.com (when you go to your forked repo, it will suggest this to you)	
7	Document and click “Create pull request”	
8	Same as above, wait for it to be approved	
9	To sync up the “main” branch with the main repo - follow these instructions	https://docs.github.com/en/github/collaborating-with-issues-and-pull-requests/syncing-a-fork