



Fork and Pull

Objective for Exercise

- To fork a repository in GitHub
- To make changes to the forked repository and commit the changes
- To create pull requests

Note: These instructions works on BASH terminal on Windows & Mac terminals.

How to fork a repository and commit the fork repository and create a pull request.

Open the link: <https://github.com/romeokienzler/TensorFlow/>

Click 'Fork' and copy the repository in your account.

Copy the SSH Repository Link and clone it locally using:

```
git clone yoursshrepolink
```

```
Skill07@DESKTOP-FR7C17B MINGW64 ~/Downloads/demo_test1 (master)
$ git clone git@github.com:mskill/TensorFlow.git
Cloning into 'TensorFlow'...
remote: Enumerating objects: 125, done.
remote: Total 125 (delta 0), reused 0 (delta 0), pack-reused 125
Receiving objects: 100% (125/125), 205.00 KiB | 290.00 KiB/s, done.
Resolving deltas: 100% (52/52), done.

Skill07@DESKTOP-FR7C17B MINGW64 ~/Downloads/demo_test1 (master)
$ cd TensorFlow
```

Open and edit any file in the editor.

After saving the file,

```
git add .
```

And commit the changes with the message:

```
git commit -m "message"
```

```
Skill07@DESKTOP-FR7C17B MINGW64 ~/Downloads/demo_test1/TensorFlow (master)
$ git add .

Skill07@DESKTOP-FR7C17B MINGW64 ~/Downloads/demo_test1/TensorFlow (master)
$ git commit -m "Made changes in README.md file"
[master 42248f6] Made changes in README.md file
1 file changed, 2 insertions(+)
```

`git push` to make the changes in remote repository

```
skill07@DESKTOP-FR7C17B MINGW64 ~/Downloads/demo_test1/TensorFlow (master)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 332 bytes | 332.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To github.com:mskill1/TensorFlow.git
f8b444a..42248f6 master -> master
```

Check the repository, it is added

Branch: master

Go to file

Add file

Code

This branch is 1 commit ahead of romeokienzler:master.

Pull request

Compare

mskill committed 42248f6 4 minutes ago

37 commits

1 branch

0 tags

images	Add files via upload	14 months ago
notebooks	Add files via upload	4 months ago
scripts	Create multi_worker_with_keras_runner.py	5 months ago
LICENSE	Update LICENSE	14 months ago
README.md	Made changes in README.md file	4 minutes ago

README.md

Making changes in readme.md file

What's new in TensorFlow 2.0

Click 'Compare' to compare the changes.

Go to file

Add file

Code

Pull request

Compare

NOTE: This request will go to AUTHOR of the repository and if the changes looks good, only then the original repository can get the changes.

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).

base repository: romeokienzler/TensorFlow ▼

base: master ▼

←

head repository: mskill/TensorFlow ▼

compare: master ▼

✓

Able to merge.

These branches can be automatically merged.

Create pull request

Discuss and review the changes in this comparison with others.

1 commit

1 file changed

0 commit comments

Commits on Jul 08, 2020

mskill

Made changes in README.md file

±

Showing 1 changed file with 2 additions and 0 deletions.

▼ 2

README.md

...

...

@@ -1,3 +1,5 @@

1

2

+

Making changes in readme.md file

1

2

3

+

What's new in TensorFlow 2.0

2

3

4

5

The following are all the changes coming in TensorFlow 2.0. Let's have a closer look at them:

↓

Create a Pull request to make the changes in the original file.

Note: The pull request will now send to the author of the repository and if accepted the changes will be made to the original repository.

Author(s)

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Other Contributor(s)

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Changelog

Date	Version	Changed by	Change Description
2020-08-25	2.0	Lavanya	Migrated Lab to Markdown and added to course repo in GitLab

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