

Git and GitHub


```
gchen6@LAMU02Y415TJ65J:/Users/gchen6/gitHub/_myApps $ git clone https://github.com/johngchen/ai-racing-league.git
Cloning into 'ai-racing-league'...
remote: Enumerating objects: 80, done.
remote: Counting objects: 100% (80/80), done.
remote: Compressing objects: 100% (79/79), done.
remote: Total 320 (delta 33), reused 11 (delta 1), pack-reused 240
Receiving objects: 100% (320/320), 690.24 KiB | 1.93 MiB/s, done.
Resolving deltas: 100% (129/129), done.
gchen6@LAMU02Y415TJ65J:/Users/gchen6/gitHub/_myApps $ cd ai-racing-league/
gchen6@LAMU02Y415TJ65J:/Users/gchen6/gitHub/_myApps/ai-racing-league (master) $ git status
```

Activity:

Join GitHub.com; Fork the original project; Clone it to your own PC; Hack the code and have fun

Questions:

1. How to join GitHub.com
2. How to fork a repository
3. How to raise a new issue
4. How to make some quick and dirty changes on GitHub
5. How to contribute back to the project
6. How to install git on your PC
7. How to make code changes on your PC

1. <https://github.com/join>
2. Go to <https://github.com/CoderDojoTC/ai-racing-league>, click on “fork”
3. Go to <https://github.com/CoderDojoTC/ai-racing-league>, click on “issues”, then “New issue”
4. Go to your forked project, e.g. <https://github.com/johngchen/ai-racing-league>, click the file you want to edit, click the pen icon , make changes, then “Commit changes”
5. Go to your forked project, click on “New pull request”
6. Mac: already installed, type `git --version` to verify; Windows: <https://git-scm.com/download/win>
7.

```
$ git clone https://github.com/johngchen/ai-racing-league.git
$ cd ai-racing-league/
$ touch myDemo.txt
$ git status
$ git add .
$ git commit -m "just a demo"
$ git push
```

Useful info:

- <https://gist.github.com/arttuladhar/5887559>
- <https://gist.github.com/jedmao/5053440>
- <https://git-scm.com/docs>
- <https://www.atlassian.com/git/tutorials>

GitHub – A Tool For Source Control

git	The command line interface
gitHub	The central repository hosted on internet

- Install git to use locally, or interact with GitHub

Mac already installed, type `git --version` to verify

Windows <https://git-scm.com/download/win>, or use `git bash`

Setting your Git username/email for every repository on your computer

```
myUserName@myComputer: $ git config --global user.name Mona Lisa
myUserName@myComputer: $ git config --global user.email Mona.Lisa@optum.com
myUserName@myComputer: $ git config --global -l
    user.name=Mona Lisa
    user.email=Mona.Lisa@optum.com
```

- Create a GitHub Account to have access to the GitHub repository
 - <https://github.com/join>
- Help <https://help.github.com/en>
 - Set up Git
 - Create a repo
 - Fork a repo

GitHub – Fork a Repository

Use “**Fork**” to make your own copy (your own repository) of an existing repository

- To play with/hack the code
- To contribute back, submit a pull request to the original owner
- Your repository is also in the GitHub repository on internet


Use “**New pull request**” to send your changes to dmccreary (original owner) for his approval to accept (or not).

Use “**Clone or download**” to find the URL of a repository

 **CoderDojoTC / ai-racing-league**

 Watch ▾ 6

 Star 5

 Fork 2

 Code

 Issues 10

 Pull requests 0

 Projects 1

 Wiki

 Security

 Insights

 **johngchen / ai-racing-league**

forked from CoderDojoTC/ai-racing-league

 Watch ▾ 0

 Star 0

 Fork 3

 Code

 Pull requests 0

 Projects 0

 Wiki

 Security

 Insights

 Settings

Shared code for the AI Racing League

Edit

[Manage topics](#)

 75 commits

 2 branches

 0 releases

 3 contributors

Branch: master ▾

New pull request

Create new file

Upload files

Find File

Clone or download ▾

GitHub – Raise a new issue


Report an issue or a bug

- Describe the issue
- Specify the version/branch where the issue is found
- Describe how to reproduce
- Describe the expected behavior
- Attach relevant logs
- Maybe suggest how to fix (or fix it yourself)

Create Concept Cards for GitHub #15

New issue

Open dmccreary opened this issue 16 days ago · 1 comment



The AI-racing framework has a bug

Related Issues Beta [Try it.](#)

WritePreview

AA B i “ <> ↻ ☰ ☷ ✎ @ 📌 ↶

Description:


Version:


How to reproduce:

Expected behavior:

Logs:

Suggestion for fix:

Attach files by dragging & dropping, selecting or pasting them. 

 Styling with Markdown is supported

Submit new issue

GitHub – Quick and Dirty Changes

- The best way is to clone the code and work on your own computer
- But for quick and dirty changes, you can change it on GitHub directly

johngchen / ai-racing-league

forked from [CoderDojoTC/ai-racing-league](#)

Watch

0

Star

0

Fork

3

<> Code

Pull requests 0

Projects 0

Wiki

Security

Insights

Settings

Branch: master

ai-racing-league / myDemo.txt

Find file

Copy path

John just a demo

9e93cbf 15 hours ago

0 contributors

0 lines (0 sloc) 0 Bytes

Raw

Blame

History

johngchen / ai-racing-league

forked from [CoderDojoTC/ai-racing-league](#)

Watch

0

Star

0

Fork

3

<> Code

Pull requests 0

Projects 0

Wiki

Security

Insights

Settings

ai-racing-league / myDemo.txt

Cancel

Edit file

Preview changes

Spaces 2 No wrap

1 My quick and dirty change

Commit changes

Update myDemo.txt

I have a quick and dirty change and I just want to make it work in the next 30 seconds.

Commit directly to the master branch.

Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

Commit changes

Cancel

Git – work on your own computer

- **git clone**: make a copy of the source code to your computer
 - If you are new to gitHub, just work on the master branch, otherwise
 - **git branch**: make yet another copy of the source code on your computer
 - **git checkout**: switch to the branch to work on it
- edit your code using vi or your favorite IDE
- **git add**: add the changes you make to git to be tracked
- **git commit**: commit changes to your local repository
- **git push**: push your changes to your github fork

- myUserName@myComputer:/gitHub/_myApps \$ **git clone** https://github.com/johngchen/ai-racing-league.git
- myUserName@myComputer:/gitHub/_myApps \$ **cd ai-racing-league/**
- myUserName@myComputer:/gitHub/_myApps/ai-racing-league \$ **touch myDemo.txt**
- myUserName@myComputer:/gitHub/_myApps/ai-racing-league \$ **git status**
- myUserName@myComputer:/gitHub/_myApps/ai-racing-league \$ **git add .**
- myUserName@myComputer:/gitHub/_myApps/ai-racing-league \$ **git commit -m "just a demo"**
- myUserName@myComputer:/gitHub/_myApps/ai-racing-league \$ **git push**

Git – Some Useful Info

- <https://gist.github.com/arttuladhar/5887559>
- <https://gist.github.com/jedmao/5053440>
- <https://git-scm.com/docs>
- <https://www.atlassian.com/git/tutorials>
- www.google.com