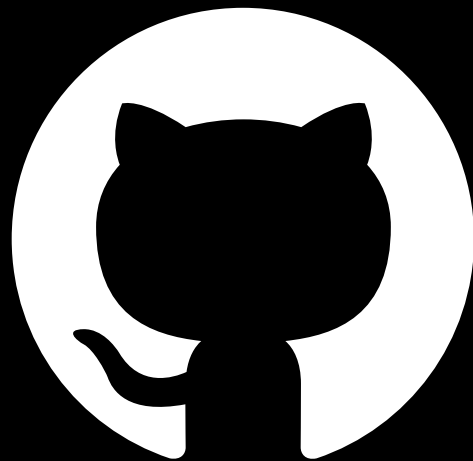# Git
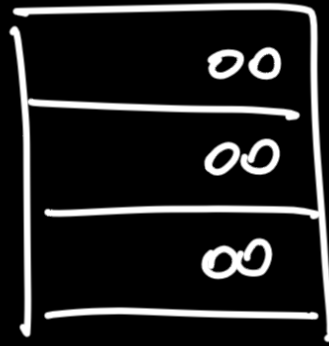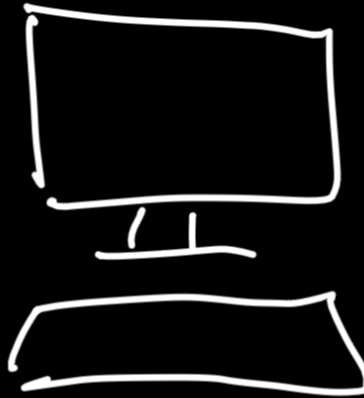
A brief introduction to version control
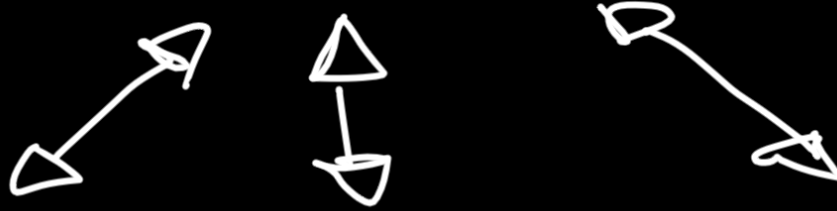
GitHub

A code sharing platform based on git

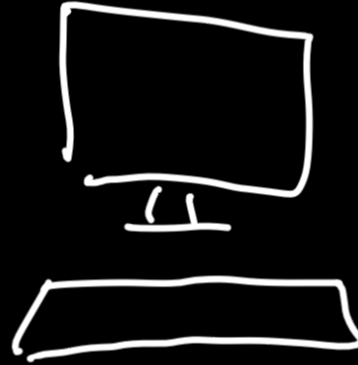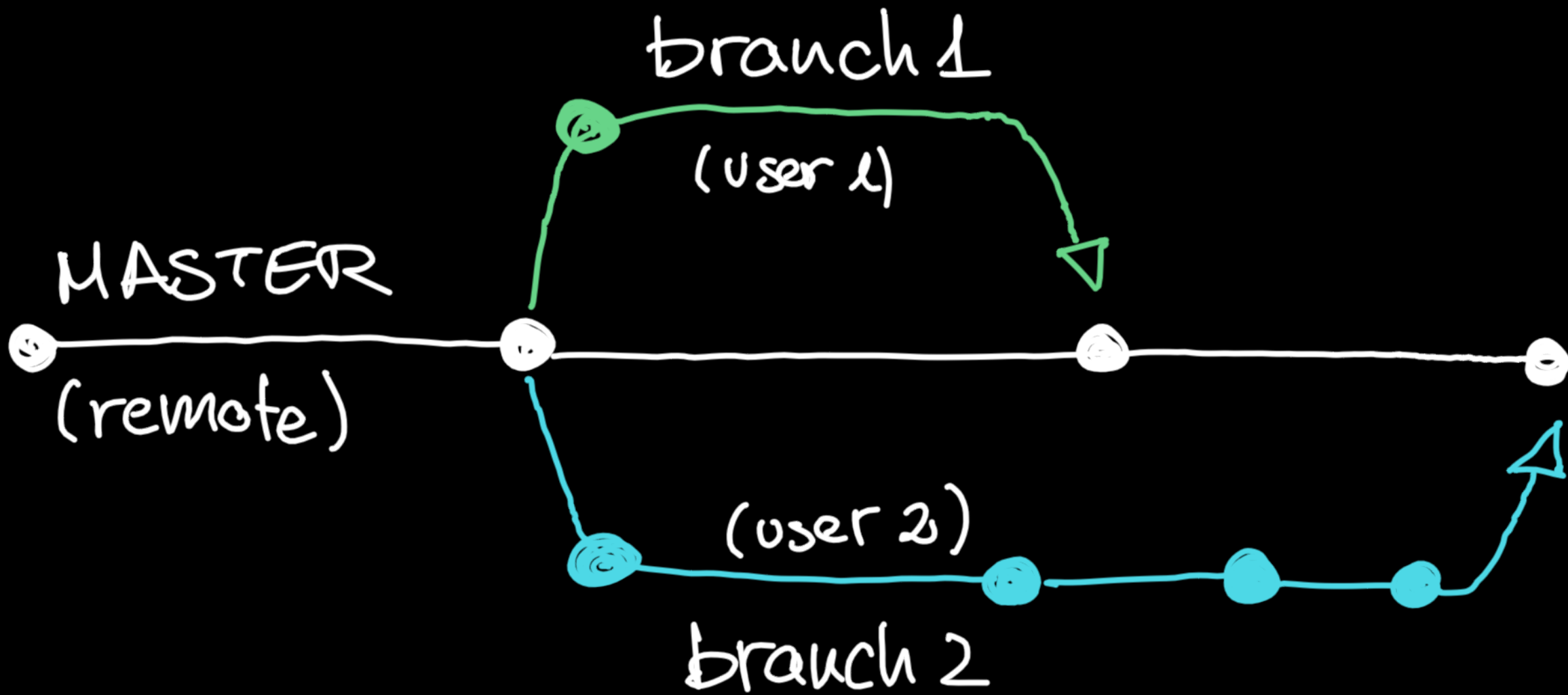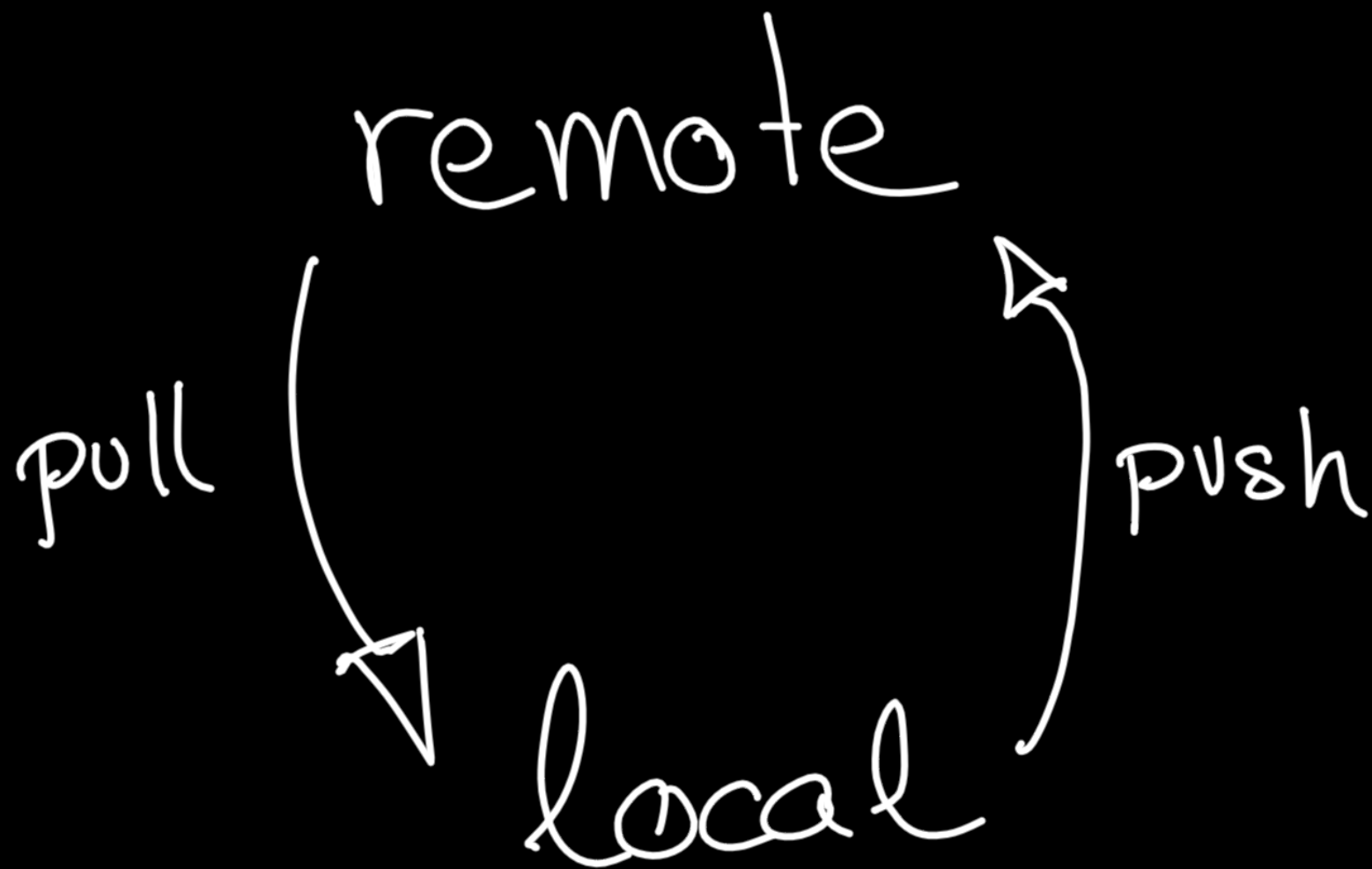remote

pull ⟍ ⟋ push

local
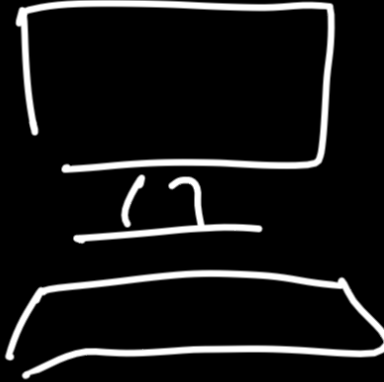
commit

Using GitHub

1. Create account
2. Get access to repository
3. Clone repo on your machine
4. Create your branch

Development Outline

1. Pull Master
2. Make changes
3. Commit changes
4. Request merging to master

Create your free account

Explore GitHub's core features for individuals and organizations.

See what's included ⌄

Sign up to GitHub

Email*

Password*

Password should be at least 15 characters OR at least 8 characters including a number and a lowercase letter.

Username*

Username may only contain alphanumeric characters or single hyphens, and cannot begin or end with a hyphen.

Continue >

By creating an account, you agree to the Terms of Service. For more information about GitHub's privacy practices, see the GitHub Privacy Statement. We'll occasionally send you account-related emails.

<> Code Issues Pull requests Actions Projects Security Insights Settings

MEME Private

Unwatch 1 Fork 0 Star 0

master 2 Branches 0 Tags

Go to file t Add file <> Code

Perseus333 Merge branch 'master' of https://github.com/Perseus333/MEME 8aa72f5 · 54 minutes ago 4 Commits

README.md impr: updated readme 1 hour ago

README

M.E.M.E.

(Mechanized Experimental Mars Explorer)

Obstacle avoidance software for an arduino powered rover.

About

Obstacle avoidance software for an arduino powered rover

Readme

Activity

0 stars

1 watching

0 forks

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

GitHub Desktop

Experience Git without the struggle

Whether you're new to Git or a seasoned user, GitHub Desktop simplifies your development workflow.

Download now >

File   Edit   View   Repository   Branch   Help

Current repository
desktop

Current branch
file-status-too...   #17192 ✓

⬇ **Pull origin**
Last fetched 8 minutes ago   3 ⬇

Changes 3 | History   app\src\ui\lib\list\section-list.tsx

☑   3 changed files

☑ app\src\ui\lib\list**section-list.tsx**   ▣

☑ app\src\ui\lib**tooltip.tsx**   ▣

☑ app\src\ui...**tooltipped-content.tsx**   ▣

```
                        @@ -137,10 +137,19 @@ interface ISectionListProps {
137     137                 source: IMouseClickSource
138     138             ) => void
139     139
        140     +     /** This function will be called when a row obtains focus, no matter how */
140     141             readonly onRowFocus?: (
141     142                 indexPath: RowIndexPath,
142     143                 source: React.FocusEvent<HTMLDivElement>
143     144             ) => void
        145     +
        146     +     /** This function will be called only when a row obtains focus via keyboard */
```

Current repository
MEME

Current branch
docs

Fetch origin
Last fetched 1 minute ago

Changes **1**   History

Select branch to compare...

impr: updated readme
Perseus333 • 1 hour ago

feat: initialized quartz
Perseus333 • 1 hour ago

feat: initialized quartz
Perseus333   8c30e28   +27686 -0

263 changed files

README.md

quartz\.gitattributes

quartz\.github\FUNDING.yml

quartz\.github\ISSUE_...\bug_r

quartz\.github\IS...\feature_rec

quartz\.github\dependabot.yn

quartz\.github\workflows\ci.ya

quartz\.githu...\docker-build-p

quartz\.node-version

quartz\.npmrc

quartz\.prettierignore

quartz\.prettierrc

quartz\CODE_OF_CONDUCT.m

quartz\Dockerfile

quartz\LICENSE.txt

quartz\README.md

quartz\content\index.md

quartz\docs\advanced\archite

quartz\doc...\creating compon

quartz\docs\advanced\index.n

quartz\docs\adva...\making plugins.md

quartz\docs\advanced\paths.md

quartz\docs\authoring content.md

quartz\docs\build.md

quartz\docs\configuration.md

quartz\docs\feat...\Docker Support.md

quartz\docs\features\Latex.md

README.md

@@ -0,0 +1,2 @@

1   + # M.E.M.E.

Options   ✕

🏠 **Accounts**

👤 Integrations

⑆ Git

🖌 Appearance

🔔 Notifications

❓ Prompts

⚙ Advanced

♿ Accessibility

GitHub.com

Perseus-Lynx
@Perseus333   Sign out of GitHub.com

GitHub Enterprise

If you are using GitHub Enterprise at work, sign in to it to get
access to your repositories.

Sign into GitHub Enterprise

Save   Cancel

Current repository
MEME

Current branch
docs

Fetch origin
Last fetched 3 minutes ago

Changes 1   History

Select branch to compare...

impr: updated readme
Perseus333 • 1 hour ago

feat: initialized quartz
Perseus333 • 1 hour ago

feat: initialized quartz
Perseus333   8c30e28   +27686 -0

263 changed files

README.md

quartz\.gitattributes

quartz\.github\FUNDING.yml

quartz\.github\ISSUE_...\bug_report.md

quartz\.github\IS...\feature_request.md

quartz\.github\dependabot.yml

quartz\.github\workflows\ci.yaml

quartz\.githu...\docker-build-push.yaml

quartz\.node-version

quartz\.npmrc

quartz\.prettierignore

quartz\.prettierrc

quartz\CODE_OF_CONDUCT.md

quartz\Dockerfile

quartz\LICENSE.txt

quartz\README.md

quartz\content\index.md

quartz\docs\advanced\architecture.md

quartz\doc...\creating components.md

quartz\docs\advanced\index.md

quartz\docs\adva...\making plugins.md

quartz\docs\advanced\paths.md

quartz\docs\authoring content.md

quartz\docs\build.md

quartz\docs\configuration.md

quartz\docs\feat...\Docker Support.md

quartz\docs\features\Latex.md

README.md

```
@@ -0,0 +1,2 @@
1  + # M.E.M.E.
2  + An arduino powered rover
```

Clone a repository

GitHub.com   GitHub Enterprise   URL

Filter your repositories

🔒 Perseus333/MEME

🖥 Perseus333/Maze-Generator-CPP

🔒 Perseus333/Multiplication-approximator

🖥 Perseus333/One-Fox

🖥 Perseus333/Orbit-Simulator

🔒 Perseus333/PDF-Browser-Scrapper

Local path

C:\Users\elmin\OneDrive\Escritorio\Perseus\HK\Github\jekyll_katex_t   Choose...

Clone   Cancel

File   Edit   View   Repository   Branch   Help

Current repository
MEME

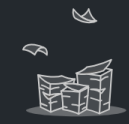Current branch
docs

Changes   History

☑   0 changed files

No local changes

There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.

Preview the Pull Request from your current branch
The current branch (docs) is already published to GitHub. Preview the changes this pull request will have before proposing your changes.
Branch menu or Ctrl + Alt + P

Preview Pull Request ▾

Open the repository in your external editor
Select your editor in Options
Repository menu or Ctrl + Shift + A

Open in Visual Studio Code

View the files of your repository in Explorer
Repository menu or Ctrl + Shift + F

Show in Explorer

Open the repository page on GitHub in your browser
Repository menu or Ctrl + Shift + G

View on GitHub

Summary (required)

Description

Commit to docs

Current repository
MEME

Current branch
docs

Fetch origin
Last fetched 6 minutes ago

Changes 1

History

Select branch to compare...

impr: updated readme
Perseus333 • 1 hour ago

feat: initialized quartz
Perseus333 • 1 hour ago

feat: initialized quartz
Perseus333   —○— 8c30e28   +27686 -0

263 changed files

README.md

quartz\.gitattributes

quartz\.github\FUNDING.yml

quartz\.github\ISSUE_...\bug_report.md

quartz\.github\IS...\feature_request.md

quartz\.github\dependabot.yml

quartz\.github\workflows\ci.yaml

quartz\.githu...\docker-build-push.yaml

quartz\.node-version

quartz\.npmrc

quartz\.prettierignore

quartz\.prettierrc

quartz\CODE_OF_CONDUCT.md

quartz\Dockerfile

quartz\LICENSE.txt

quartz\README.md

quartz\content\index.md

quartz\docs\advanced\architecture.md

quartz\doc...\creating components.md

quartz\docs\advanced\index.md

quartz\docs\adva...\making plugins.md

quartz\docs\advanced\paths.md

quartz\docs\authoring content.md

quartz\docs\build.md

quartz\docs\configuration.md

quartz\docs\feat...\Docker Support.md

quartz\docs\features\Latex.md

README.md

```
@@ -0,0 +1,2 @@
1 + # M.E.M.E.
2 + An arduino powered rover
```

Create a branch
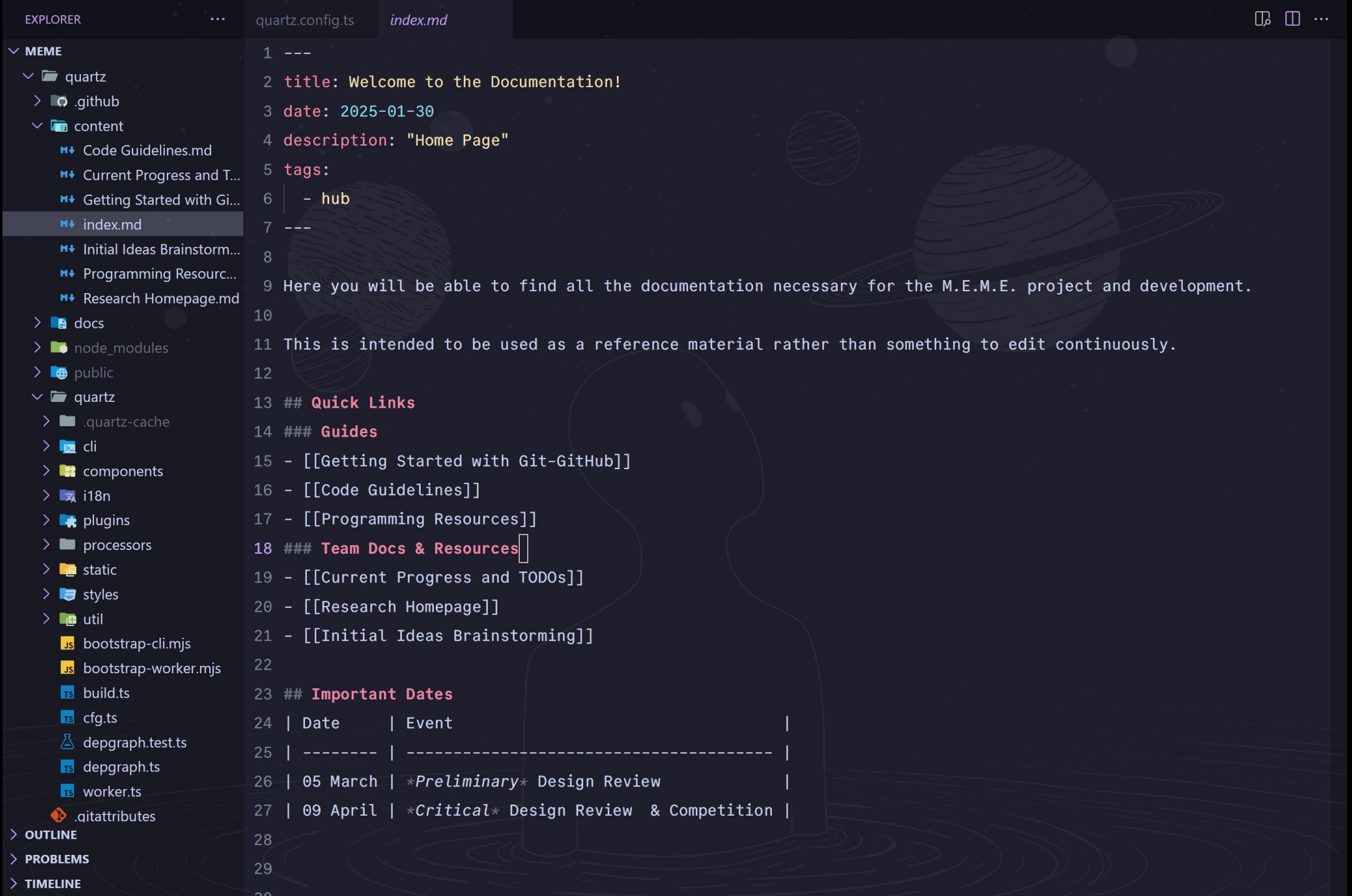
Name

Create branch based on...

master
The default branch in your repository. Pick this to start on something new that's not dependent on your current branch.

docs
The currently checked out branch. Pick this if you need to build on work done on this branch.

Create branch   Cancel

```
1   ---
2   title: Welcome to the Documentation!
3   date: 2025-01-30
4   description: "Home Page"
5   tags:
6     - hub
7   ---
8
9   Here you will be able to find all the documentation necessary for the M.E.M.E. project and development.
10
11  This is intended to be used as a reference material rather than something to edit continuously.
12
13  ## Quick Links
14  ### Guides
15  - [[Getting Started with Git-GitHub]]
16  - [[Code Guidelines]]
17  - [[Programming Resources]]
18  ### Team Docs & Resources
19  - [[Current Progress and TODOs]]
20  - [[Research Homepage]]
21  - [[Initial Ideas Brainstorming]]
22
23  ## Important Dates
24  | Date     | Event                                  |
25  | -------- | -------------------------------------- |
26  | 05 March | *Preliminary* Design Review            |
27  | 09 April | *Critical* Design Review  & Competition |
28
29
```

File Edit View Repository Branch Help

Current repository
MEME

Current branch
docs

Fetch origin
Last fetched 4 minutes ago

Changes 1 | History

quartz\content\index.md

1 changed file

quartz\content\index.md

@@ -27,3 +27,5 @@ This is intended to be used as a reference material rather than something to edi

27   27
28   28
29   29
30 +
31 +

| 09 April | *Critical* Design Review & Competition |

feat(docs): added 2 new lines

This is optional

Commit to docs

feat(docs): added 2 new lines

This is optional

Commit to **docs**

feat(docs): added 2 new lines

This is optional
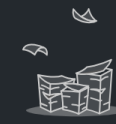
Commit to **docs**

feat(docs): added 2 new lines

This is optional

Commit to **docs**

feat(docs): added 2 new lines

This is optional

Commit to **docs**

Current repository
MEME

Current branch
test

Publish branch
Publish this branch to Git...

Changes   History

☑   0 changed files

No local changes

There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.

Publish your branch
The current branch (test) hasn't been published to the remote yet. By publishing it to GitHub you can share it, open a pull request, and collaborate with others.

Always available in the toolbar or Ctrl + P

Publish branch

Open the repository in your external editor
Select your editor in Options
Repository menu or Ctrl + Shift + A

Open in Visual Studio Code

View the files of your repository in Explorer
Repository menu or Ctrl + Shift + F

Show in Explorer

Open the repository page on GitHub in your browser
Repository menu or Ctrl + Shift + G

View on GitHub

Summary (required)

Description

Commit to **test**

Committed just now
feat: new file

Undo

Current repository
MEME

Current branch
test
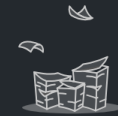
Fetch origin
Last fetched just now

Changes   History

☑   0 changed files

No local changes

There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.

Preview the Pull Request from your current branch
The current branch (test) is already published to GitHub. Preview the changes this pull request will have before proposing your changes.

Branch menu or Ctrl + Alt + P

Preview Pull Request ▾

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Select your editor in Options
Repository menu or Ctrl + Shift + A

Open in Visual Studio Code

View the files of your repository in Explorer
Repository menu or Ctrl + Shift + F

Show in Explorer

Open the repository page on GitHub in your browser
Repository menu or Ctrl + Shift + G

View on GitHub

Summary (required)

Description

Commit to **test**

Open a pull request

Merge 1 commit into   base: master ▾   from   test .

Showing changes from all commits   ⚙ ▾

| test.c | ⊞ |

```
@@ -0,0 +1,5 @@
1  +  #include <stdio.h>
2  +
3  +  int main() {
4  +      printf("Test");
5  +  }⊘↵
```

Desc

✓ **Able to merge.** These branches can be automatically merged.

Create pull request   Cancel

Commit to **test**

Open a pull request

Merge 1 commit into base: master ▾ from test .

Showing changes from all commits   ⚙ ▾

| test.c | ⊞ |

```
        @@ -0,0 +1,5 @@
    1  +  #include <stdio.h>
    2  +
    3  +  int main() {
    4  +      printf("Test");
    5  +  }⊘↵
```

✓ Able to merge. These branches can be automatically merged.

Create pull request   Cancel

Commit to test