GitHub Markdown Tutorial

Contents

Time required: 30 minutes

GitHub as a Resume

A GitHub repository serves as a resume for Software Engineers, Developers, Computer Science, etc.

1. It serves as a tangible and easily accessible portfolio of their coding projects, allowing potential employers to assess their skills and expertise firsthand.

2. It demonstrates their commitment to open-source collaboration and showcases their ability to work on real-world coding challenges.

3. It provides a track record of their coding progression over time, illustrating how they adapt to new technologies and improve their coding practices.

4. It fosters a sense of transparency and credibility, as it allows others to review and validate their work, ultimately enhancing their professional reputation in the competitive field of software engineering.

Look at some example GitHub repositories.

- www.github.com/itinstructor (Me)

- github.com/WilliamForbesJr (WNCC Alumni)

- github.com/jvkamp (WNCC Alumni)

What is Markdown?

Markdown is a markup language like HTML (Hypertext Markup Language). We use it to parse text and convert it into a specific format. You can also think of it as a text to HTML converter tool.
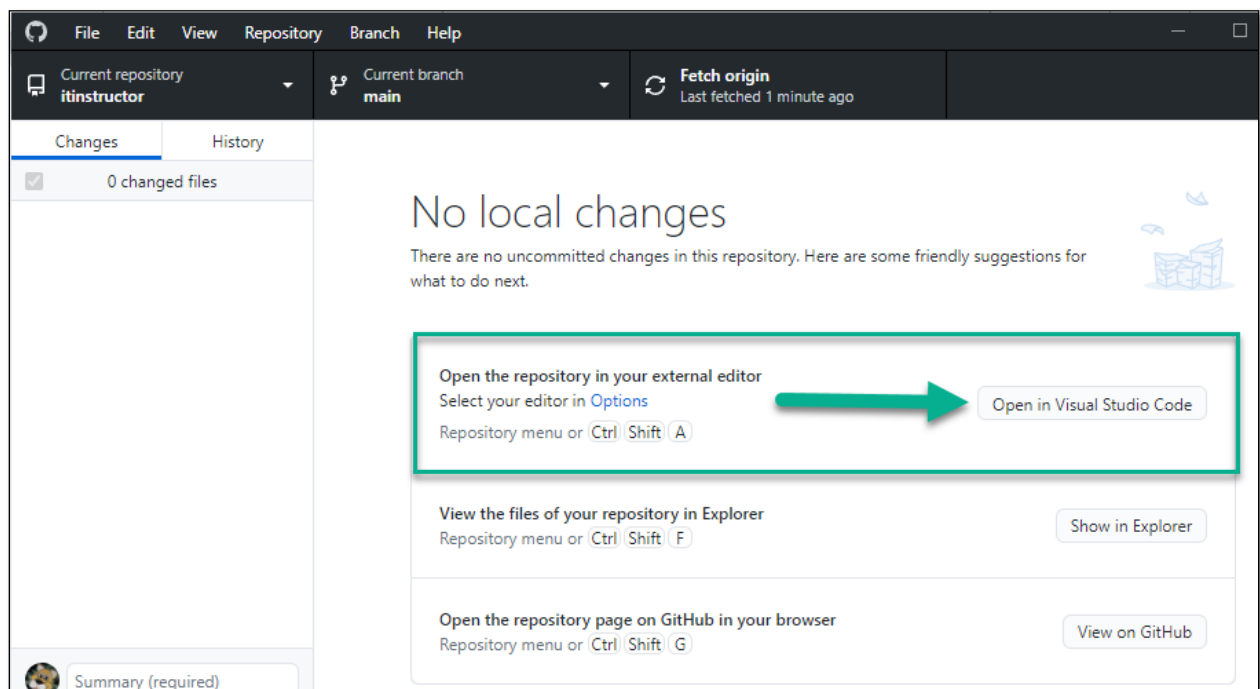
We will work on markdown for a GitHub readme.md file.
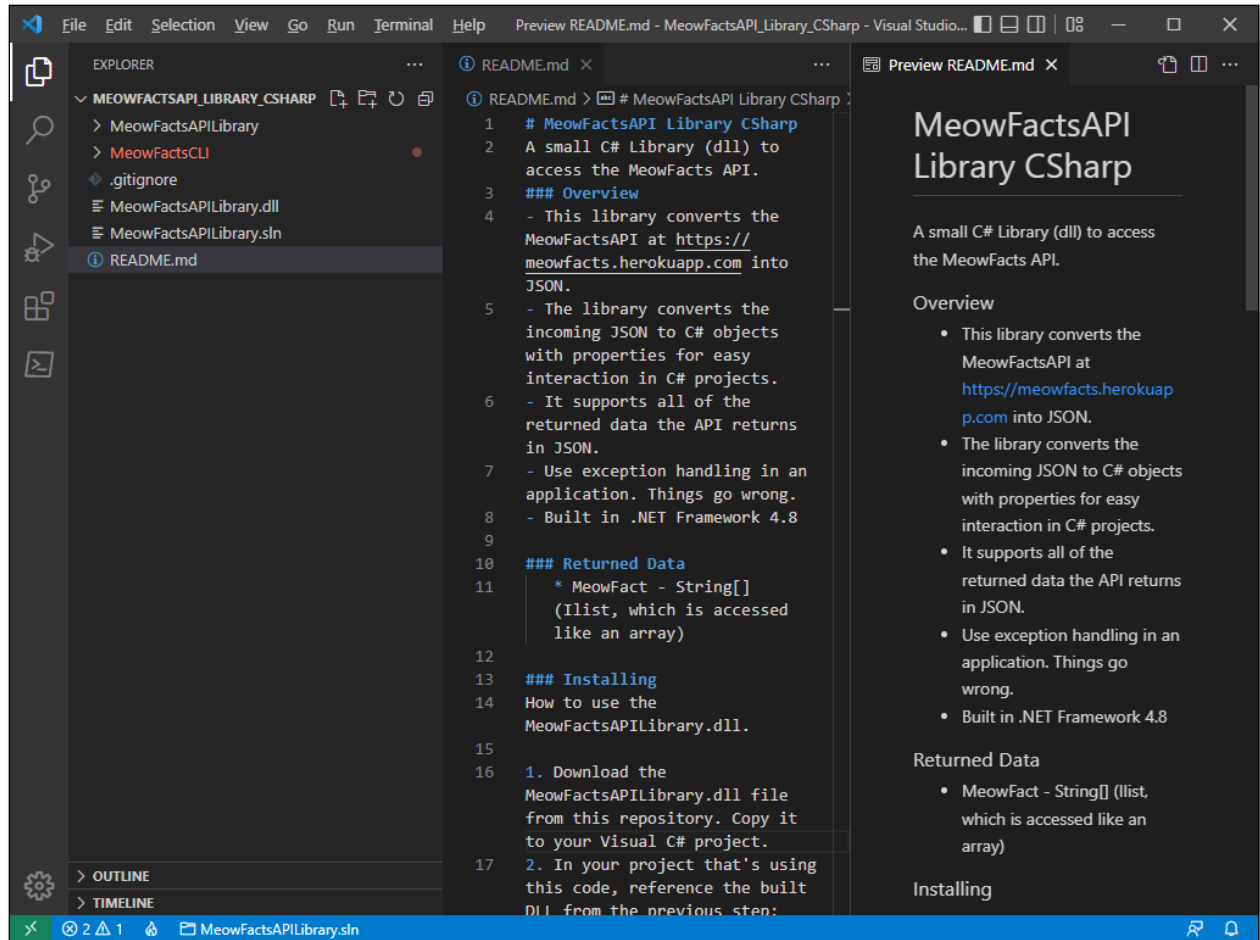
Online Tutorial

- [Basis writing and formatting syntax](#)

- [The Ultimate Guide to Markdown](#)

- [List of Markdown Emojis](#)

- [Emoji Cheat Sheet](#)

Work with Markdown in Visual Studio Code

Visual Studio Code integrates with GitHub desktop.

1. Open a Github Repository with GitHub Desktop in Visual Studio Code.

2. Open the README.md file as shown above.

3. Create some headings in your README.md file.

You can refer to the table below for an overview of some basic markdown syntax:

Task	Markdown syntax
Heading 1	#
Heading 2	##
Heading 3	###
Italics	*italics*
Bold	**Bold**
Strike	~~insert text~~
Block quote	>
Links	[link name](link.com)

Ordered list	1. List item 2. List item
Unordered list	* List item * List item
Code Block	`insert code here`

4. Start writing in your `.md` file and see the results side by side.

5. You might add a table.

```
## Tables
<!-- tables -->
<!-- Note that :---: means center aligned -->
<!-- Note that ---: means right aligned -->
<!-- Note that :--- means left aligned -->

| Column 1 | Column 2 | Column 3 |
| :---: | :--- | ---: |
| Row 1, Column 1 | Row 1, Column 2 | Row 1, Column 3 |
| Row 2, Column 1 | Row 2, Column 2 | Row 2, Column 3 |
| Row 3, Column 1 | Row 3, Column 2 | Row 3, Column 3 |
```

Assignment Submission

- Provide a link to your repository in the Blackboard assignment.