

Publishing *Markdown*

A short tutorial for Class 3EE

2020-06-23

Congratulations for completing the first part of this tutorial called "Learning Markdown"!

You are now a member of Class 3EE's Online News Team!

Recap

By now, you would have:

- Learned what Markdown is and what it's used for;
- Learned how to write Markdown, the front matter and the syntax;
- Written your own Markdown document using text from your newspaper articles; and,
- Saved your Markdown document waiting for publication online.

**Now you are ready to publish your
Markdown document online.**

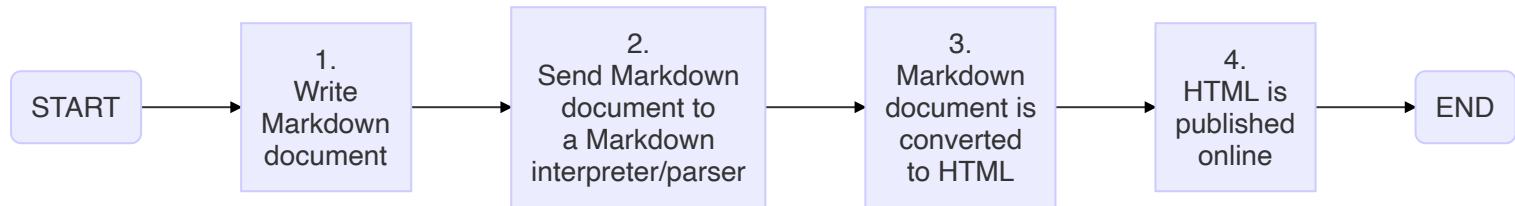
Things you need:

- A computer that can get on the internet;
- The Markdown document/s that you have already converted into Markdown;
- Permission from your parents and a little bit of help in doing all the online stuff;

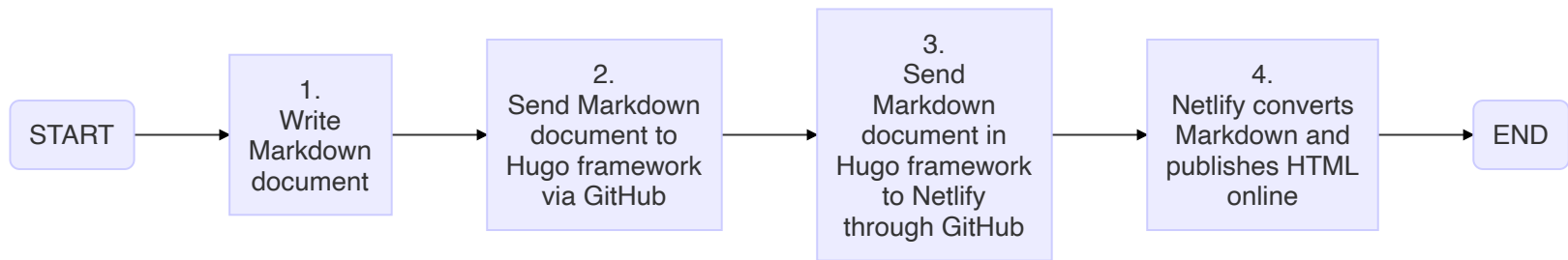
Overview of publishing a Markdown document online

- Markdown documents on their own are just lines of text and code that include information on what the document would and should look like when published
- The code and syntax that you have placed in your Markdown document needs to be read and interpreted by a computer who understands Markdown language. This is called `parsing` of the Markdown document and the computer that knows how to read and interpret Markdown is called a `parser`
- After `parsing`, the computer will then convert your Markdown document into another format that is ready for online publication. This format is called `HTML` format
- Once converted, your document is then published online ready to be viewed by yourself and others on the internet

Typical workflow of publishing a Markdown document online



Our workflow for publishing Markdown to online newspaper



Our workflow for publishing Markdown to online newspaper

- You will notice that in our workflow, all we have to do are **Step 1** and **Step 2**.
- **Step 3** and **Step 4** are all done automatically for us.
- The online tools that help us with **Step 3** and **Step 4** are **GitHub**, **Hugo**, and **Netlify**



Our workflow for publishing Markdown to online newspaper

- By now, you would have completed **Step 1** already after our first tutorial.
- We will now focus on completing **Step 2**.
- For this step, you will need:
 - A computer that can get on the internet;
 - The Markdown document/s that you have already converted into Markdown;
 - Permission from your parents and a little bit of help in doing all the online stuff;

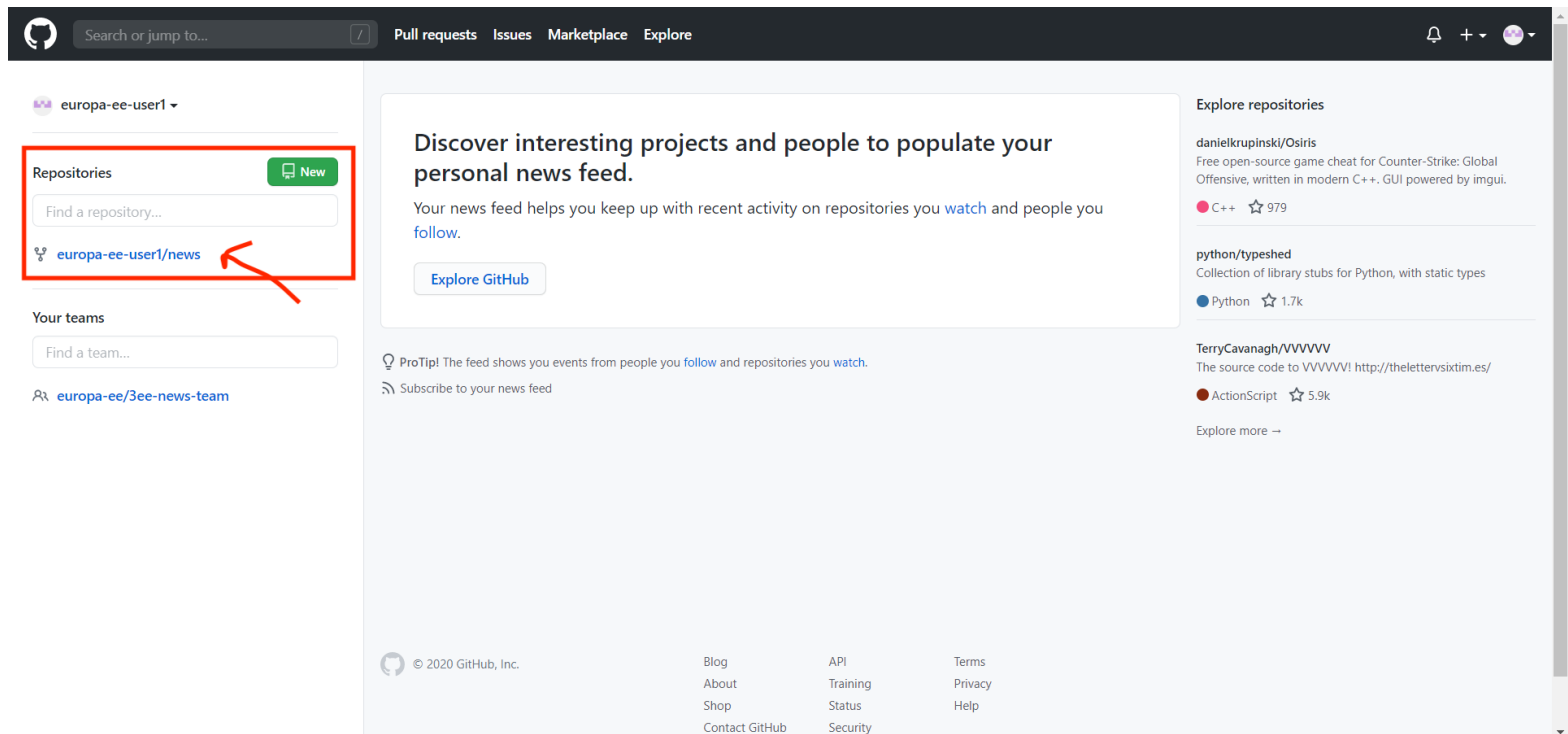
Ready to start?

Sign-in to GitHub

- Our most important tool for **Step 2** is **GitHub**
- **GitHub** is an online tool used mostly by people who write code for developing various kinds of software or for creating various online materials such as websites. **GitHub** allows its users to keep or save their code into repositories and **GitHub** provides tools for sending different kinds of code to its specific interpreter or parser to produce output.
- We have created generic **GitHub** accounts for each member of the Class 3EE News Team. Details of your account have been provided to your parents. Please ask them for this and ask them to help you log-in.
- Sign in to **GitHub** at <https://github.com/login> using the login details provided
- If you are creating and using your own **GitHub** account, you will have to first *fork* the [europa-ee/news](#) repository before proceeding to the next steps.

Open the europa-ee/news repository

- Once you have signed in, you will see the following on your screen:



- On the left-hand side of the screen you will see under **Repositories** the **europa-ee/news** repository. Click this link.

Open the content directory in the europa-ee/news repository

The screenshot shows the GitHub interface for the repository `europa-ee-user1 / news`, which is forked from `europa-ee/news`. The repository is currently on the `master` branch. The file list shows the following structure:

File/Directory	Description	Commit Date
<code>.github</code>	initial commit	18 days ago
<code>content</code>	update banan bread recipe	11 days ago
<code>data</code>	clear authors.yaml	14 days ago
<code>renv</code>	initial commit	18 days ago
<code>static/figures</code>	update news site	15 days ago
<code>themes/hugo-xmag</code>	initial commit	18 days ago
<code>.Rbuildignore</code>	initial commit	18 days ago

The `content` directory is highlighted with a red box, and a red arrow points to it. The repository statistics show 36 commits, 2 branches, 0 packages, 0 releases, and 1 contributor.


<https://github.com/europa-ee-user1/news/projects>

Open the post directory in the content directory in the europa-ee/news repository

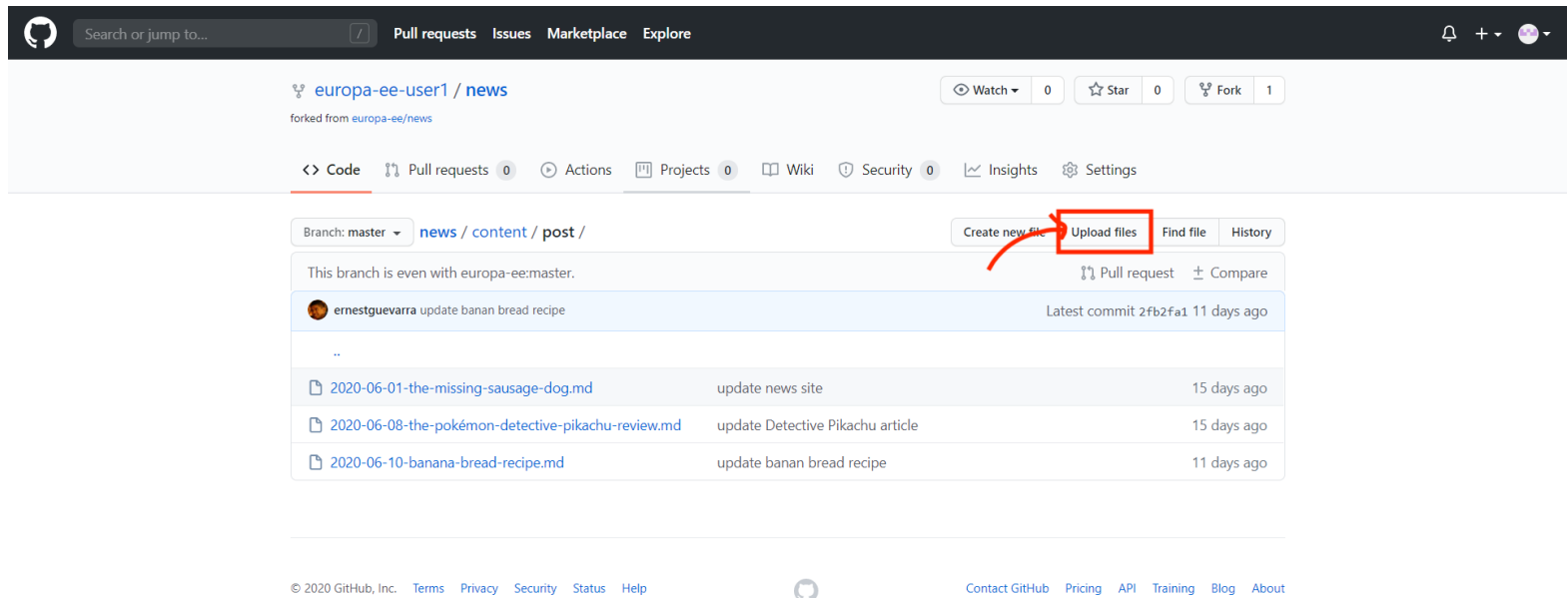
The screenshot shows the GitHub interface for a repository named 'europa-ee-user1 / news', which is a fork of 'europa-ee/news'. The page displays the file tree for the 'news / content /' directory. The 'post' directory is highlighted with a red box and a red arrow. The file tree includes:

- post (directory, updated 11 days ago)
- _index.md (file, updated 18 days ago)
- about.md (file, updated 14 days ago)

The commit history shows a commit by ernestguevarra titled 'update banan bread recipe' with the latest commit hash 2fb2fa1, made 11 days ago.

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Click on upload files to upload your Markdown document

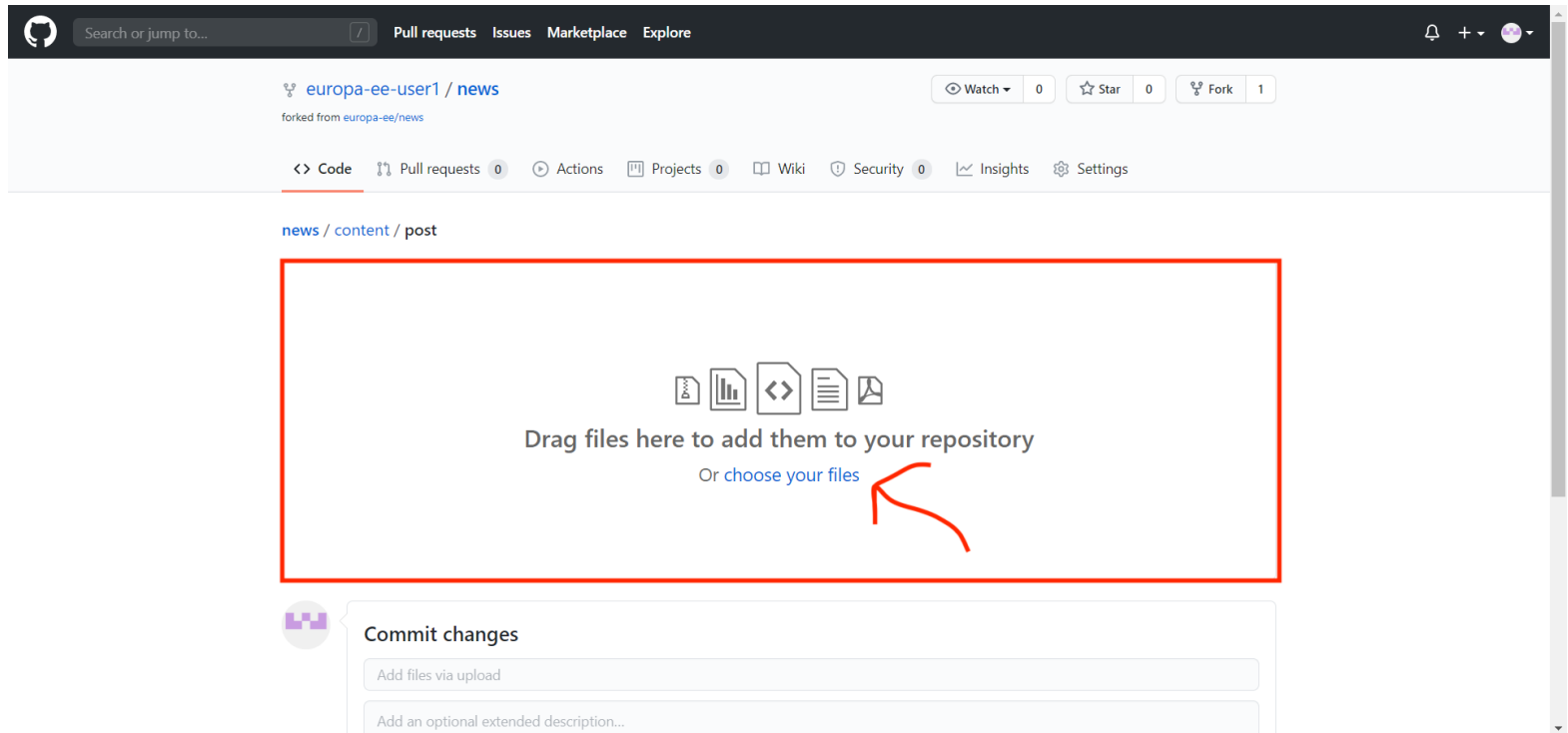


The screenshot shows a GitHub repository page for 'europa-ee-user1 / news'. The page is for a forked repository from 'europa-ee/news'. The main navigation bar includes 'Code', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The current branch is 'master', and the file path is 'news / content / post /'. A red box highlights the 'Upload files' button, with a red arrow pointing to it. Below the navigation bar, there is a table of files in the repository:

File Name	Description	Time
2020-06-01-the-missing-sausage-dog.md	update news site	15 days ago
2020-06-08-the-pokémon-detective-pikachu-review.md	update Detective Pikachu article	15 days ago
2020-06-10-banana-bread-recipe.md	update banan bread recipe	11 days ago

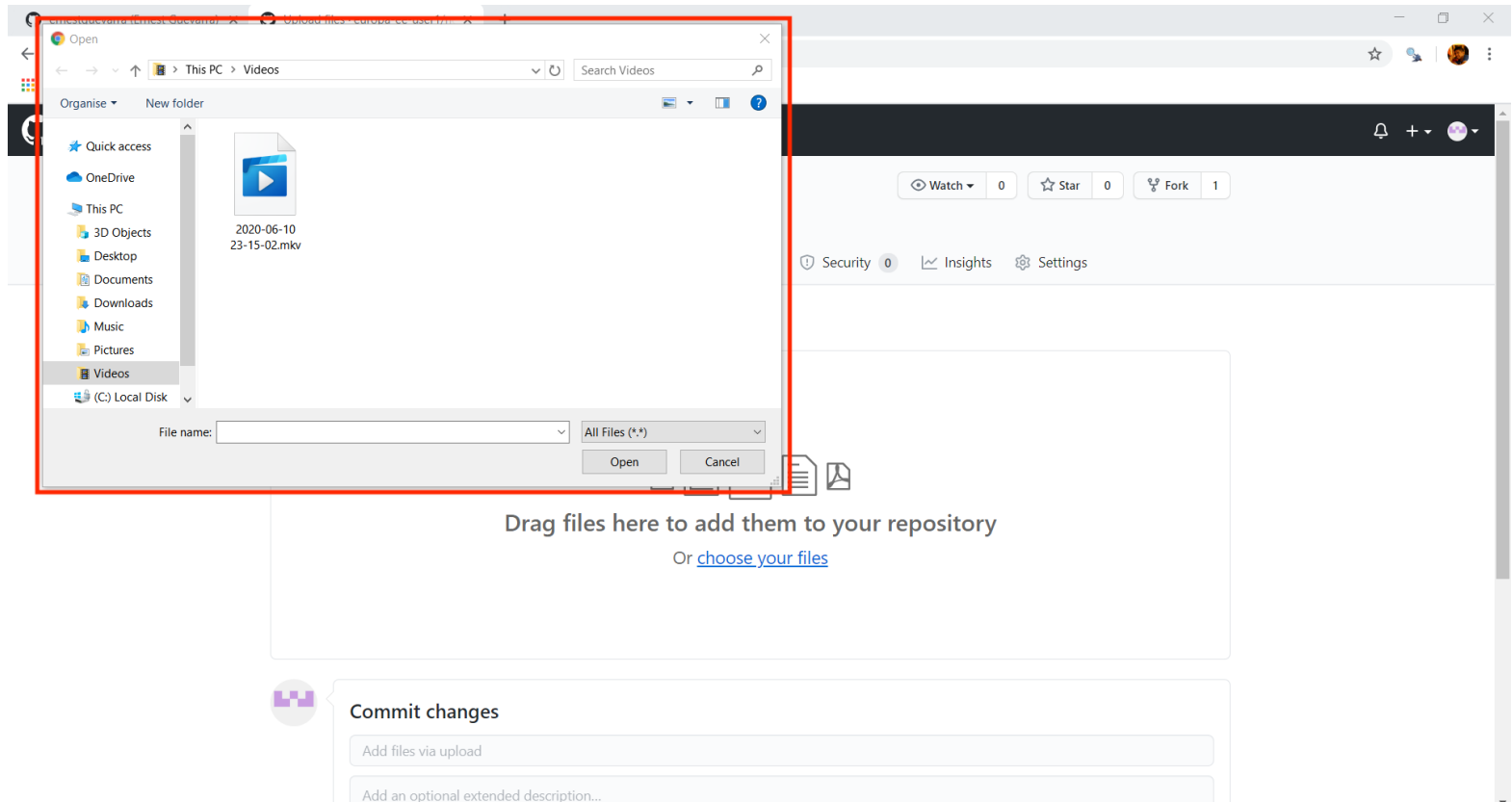
<https://github.com/europa-ee-user1/news/projects>

Drag and drop your Markdown document or click on choose your files



The screenshot shows a GitHub repository page for 'europa-ee-user1 / news'. The page is for a file named 'news / content / post'. A red rectangular box highlights the central area where files can be uploaded. Inside this box, there are five icons representing different file types: a document with a checkmark, a bar chart, a code editor, a document with lines, and a document with a magnifying glass. Below these icons, the text reads 'Drag files here to add them to your repository' and 'Or choose your files'. A red arrow points to the 'Or choose your files' link. Below the red box, there is a 'Commit changes' section with two input fields: 'Add files via upload' and 'Add an optional extended description...'. The top navigation bar includes 'Pull requests', 'Issues', 'Marketplace', and 'Explore'.

Choose your Markdown document file to upload



The image shows a web browser window displaying a file upload interface. A Windows File Explorer window is overlaid on top, showing the 'Videos' folder. The file explorer displays a video file named '2020-06-10 23-15-02.mkv'. The file explorer's address bar shows 'This PC > Videos'. The file explorer's file name field is empty, and the file type is set to 'All Files (*.*)'. The 'Open' and 'Cancel' buttons are visible at the bottom of the file explorer.

Drag files here to add them to your repository
Or [choose your files](#)

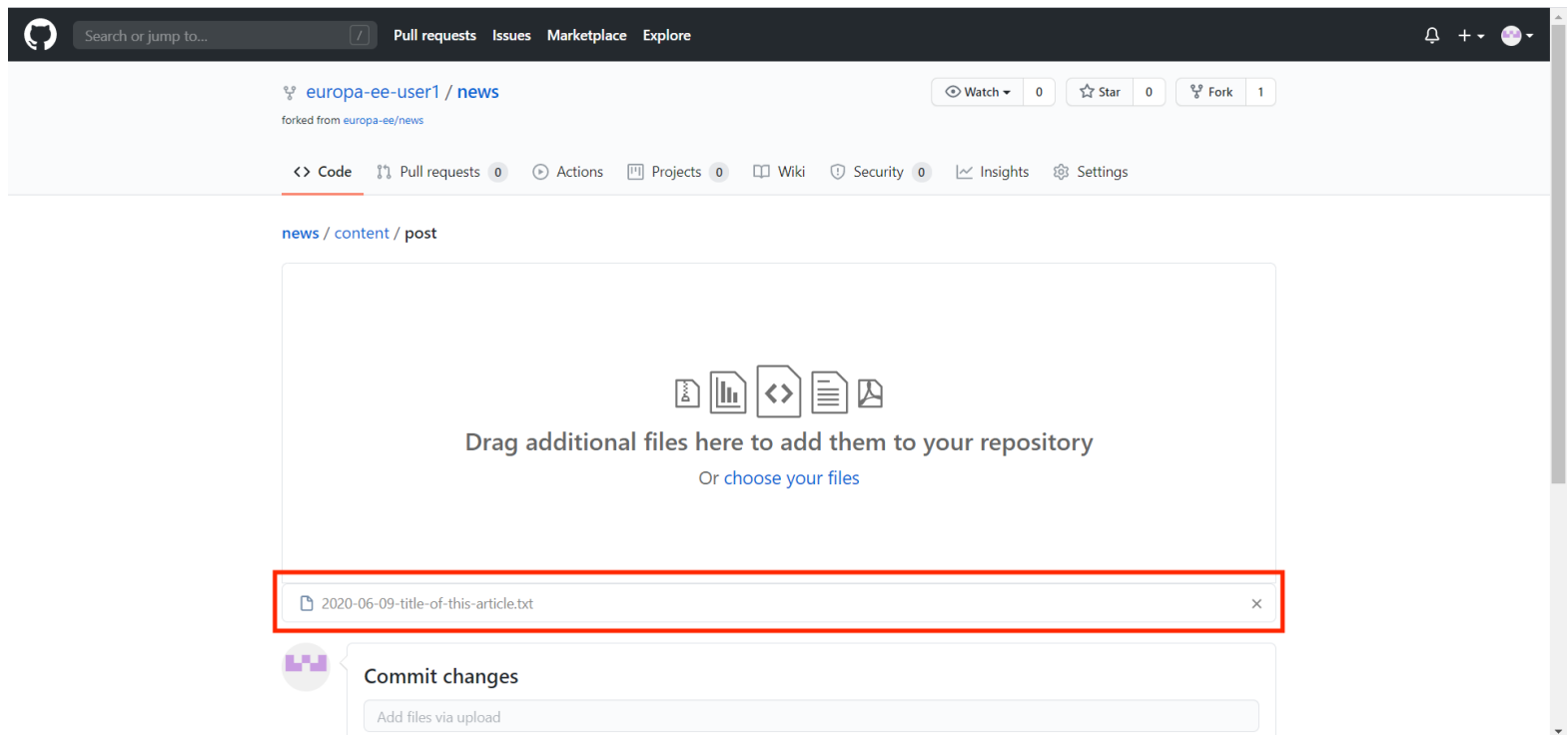
Commit changes

Add files via upload

Add an optional extended description...

Check that your file has been uploaded

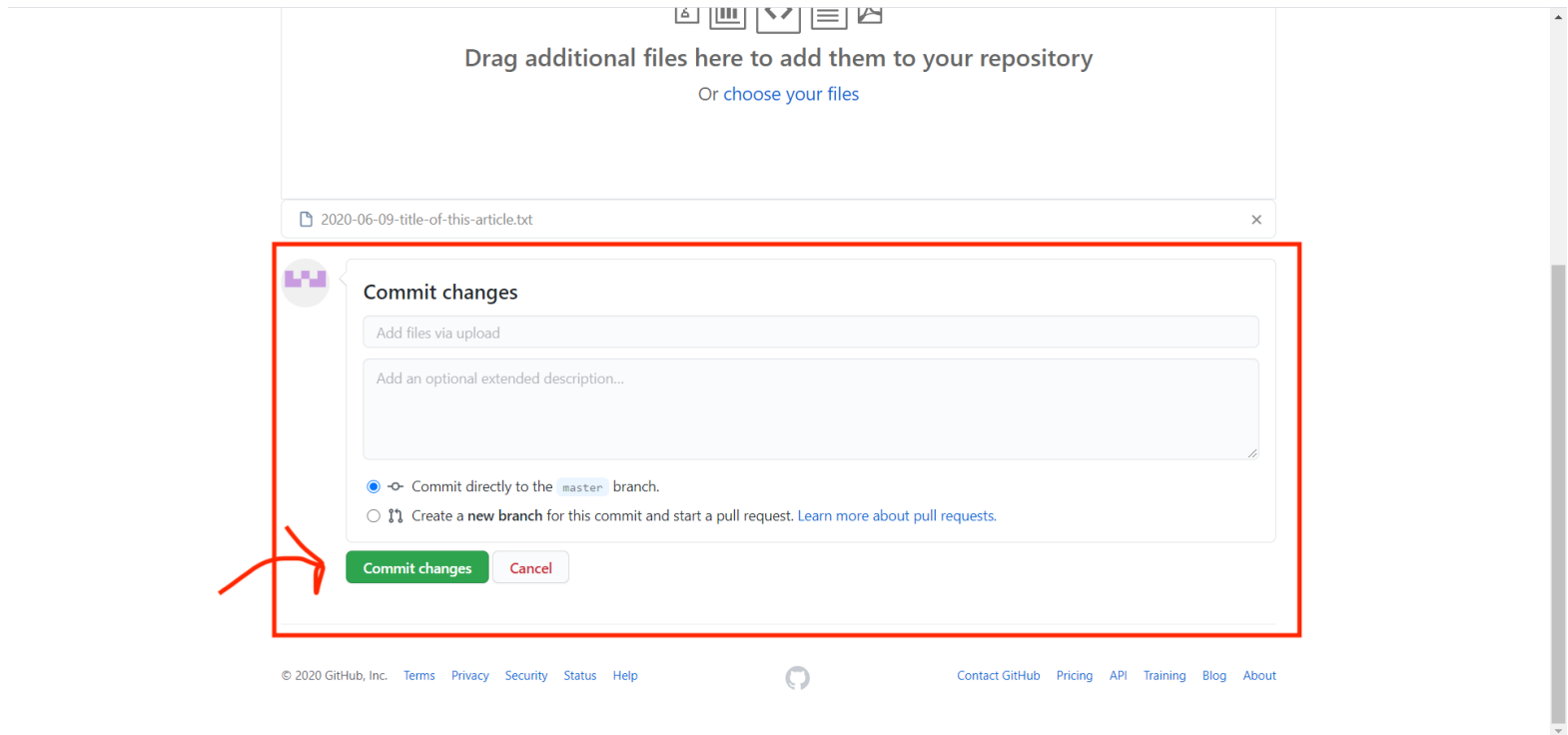
- If you see your Markdown document file as below, then you know that you have successfully uploaded your document



The screenshot shows a GitHub repository page for 'europa-ee-user1 / news'. The repository is forked from 'europa-ee/news'. The page displays a file upload interface with a central area containing icons for file operations and the text 'Drag additional files here to add them to your repository' and 'Or choose your files'. A red box highlights a file named '2020-06-09-title-of-this-article.txt' that has been successfully uploaded. Below the upload area, there is a 'Commit changes' section with a 'Add files via upload' button.

Commit your changes

- Once you have uploaded your Markdown document, you will need to commit the changes you have made to the [europa-ee/news](#) repository
- Click on commit changes



Create a pull request

- So that your changes can be considered for publication online, you need to make a pull request.
- A pull request is the way for you to tell the **editor** of the online publication that you have uploaded your document.

europa-ee-user1 / news
forked from europa-ee/news

Watch 0 Star 0 Fork 1

Code Pull requests 0 Actions Projects 0 Wiki Security 0 Insights Settings

The Europa Times <https://news.europa-ee.org.uk> Edit

Manage topics

37 commits 2 branches 0 packages 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

This branch is 1 commit ahead of europa-ee:master. Pull request Compare

europa-ee-user1 Add files via upload	Latest commit 8139437 1 minute ago
.github	initial commit 18 days ago
content	Add files via upload 1 minute ago
data	clear authors.yaml 14 days ago
renv	initial commit 18 days ago
static/figures	update news site 15 days ago
themes/hugo-xmag	initial commit 18 days ago
.Rbuildignore	initial commit 18 days ago

Create a pull request

- Confirm the pull request

europa-ee / news

Watch 1 Star 1 Fork 1

Code Issues 0 Pull requests 0 Actions Projects 0 Wiki Security 0 Insights

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: europa-ee/news base: master ← head repository: europa-ee-user1/news 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 1 contributor

Commits on Jun 23, 2020

europa-ee-user1 Add files via upload Verified 8139437

Showing 1 changed file with 4 additions and 0 deletions. Unified Split

4 content/post/2020-06-09-title-of-this-article.txt

<https://github.com/europa-ee/news/actions>

Create a pull request

<> Code 0 Issues 0 Pull requests 0 Actions Projects 0 Wiki Security 0 Insights

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

base repository: europa-ee/news base: master ← head repository: europa-ee-user1/news compare: master

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

Add files via upload

Write Preview H B I

Leave a comment

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

Allow edits by maintainers

Create pull request ▾

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Reviewers
No reviews

Assignees
No one—assign yourself

Labels
None yet

Projects
None yet

Milestone
No milestone

Linked issues
Use [Closing keywords](#) in the description to automatically close issues

You have now successfully submitted your article for publication.

The editor will review your submission, make edits to your text and Markdown syntax as needed and within at most an hour from submission, your article will be available online.

You will be notified once the article is online

If you have more than one article that you would like to publish online, just repeat the process above for each article.