

Publishing Your TEI as a Static Site

Using Github and GitHub Desktop, you can publish your TEI as a static site online. Follow the steps below.

Getting Started

1. Navigate to <https://github.com> and create an account. Follow the prompts to create a **free GitHub account**. Be sure to make the email address associated with your account public, so that you'll later be able to publish a static site.
2. Navigate to <https://desktop.github.com> to download **GitHub Desktop**. Then, open the application and sign in.
3. Open Atom. Click on "Atom" → "Preferences..." → "Install." Search for the "**atom-html-preview**" plug-in and install it. This will later allow you to preview an HTML transformation of your TEI file within the Atom program.

Working with the Repository

4. Back in your internet browser, find AADHum's DBK repository by navigating to <https://github.com/aadhum/DBK1967>.
5. To add the repository in its current form to *your own* GitHub account, click "**Fork**" in the upper right-hand corner.
6. Now, return to your GitHub Desktop program. Click on "File" → "**Clone Repository...**"
7. Select DBK1967 and **clone** the repository to your own computer.

8. Locate the DBK1967 repository on your computer (it will likely be saved in a GitHub folder in a default location, e.g. “My Documents”).

Customizing For Your Project

9. Within the DBK1967 repository, locate the “Data” folder. There will be a TEI file in it named “01 05 1967.xml.” **If you have a TEI file of your own, remove “01 05 1967.xml” and replace it with your own.**
10. If you replaced the original TEI file with one of your own: open the “index.html” file from the DBK1967 repository in Atom. **Replace the “01 05 1967.xml” reference** with the title of *your TEI file that you just placed in the Data folder*.
11. Switch back to your GitHub Desktop application. The files will have updated to reflect the changes you made in Atom. First, commit the changes by writing a brief summary (just a few words) to describe the changes you’ve made to the project. Then, push the changes back to the GitHub server.

Publish Your Page

12. In your GitHub account (in your internet browser), navigate back to the DBK1967 repository. Click on the “Settings” tab. Scroll down to “GitHub Pages” and pop-out “none” to select “Master branch.” **Click Save.** The page may refresh before offering you a link to your page. Click it to view your TEI as a static site!

Styling Your Page

13. You can begin to manipulate the way your page looks by adding CSS (Cascading Style Sheets) script. In Atom, **open the “style.css” file from**

the DBK1967/css folder. It should be blank, because you haven't yet added any additional styling to the page.

14. Let's try adding a basic border around your TEI header content with the following script:

```
tei-teiHeader {  
  border: 2px solid black;  
}
```

15. To preview the changes, hold down the **Shift key + Ctrl + H**. A window should appear in the right-hand side of the Atom program. It will show you what the HTML transformation of your page would look like.
16. As you continue to manipulate the styling of your page, be sure to return to the GitHub Desktop application **to commit and push your new changes** to your GitHub repository online.
17. For more practice with CSS, you can visit code-generators at <http://enjoycss.com> or <https://webcode.tools>. You can also view introductory tutorials for CSS at https://developer.mozilla.org/en-US/docs/Learn/CSS/Introduction_to_CSS.