Setting up Authoring and Publishing Environment for your Project

Contents

Introduction

Use this document to install the required software on your computer to develop, review, and publish your very first technical documentation project.

Environment set up

To document and publish your first technical documentation project, you will need the following:

- Oxygen XML authoring tool.
- A public GitHub repository.

Setting up the XML Authoring Environment

Installing the Oxygen XML Authoring Tool

Use this procedure to install the Oxygen XML authoring tool (version 25.0 or later).

You can also watch the following video for more information on the installation.

https://www.youtube.com/embed/2MaVau2oaLs

1. On a browser instance, type www.oxygenxml.com.
2. Click **Products** > **Oxygen XML Author**.

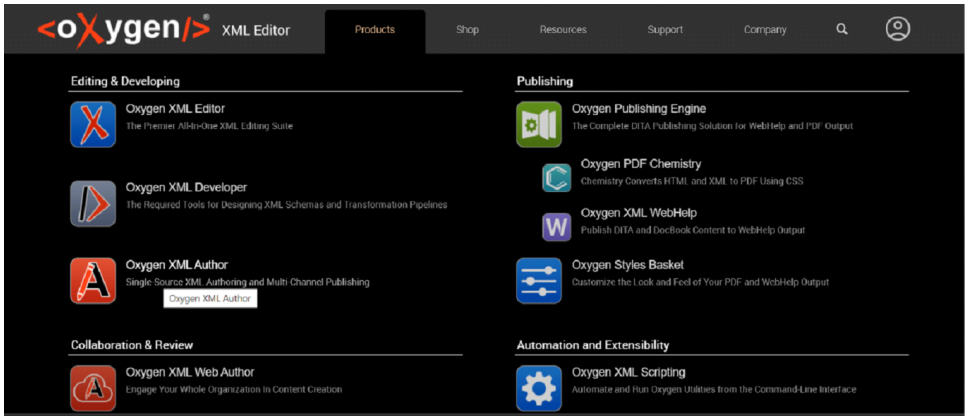


Figure 1: Oxygen XML Author Installation

The following web page displays:

3. Click **Downloads** > **Download**.
   The following page displays:

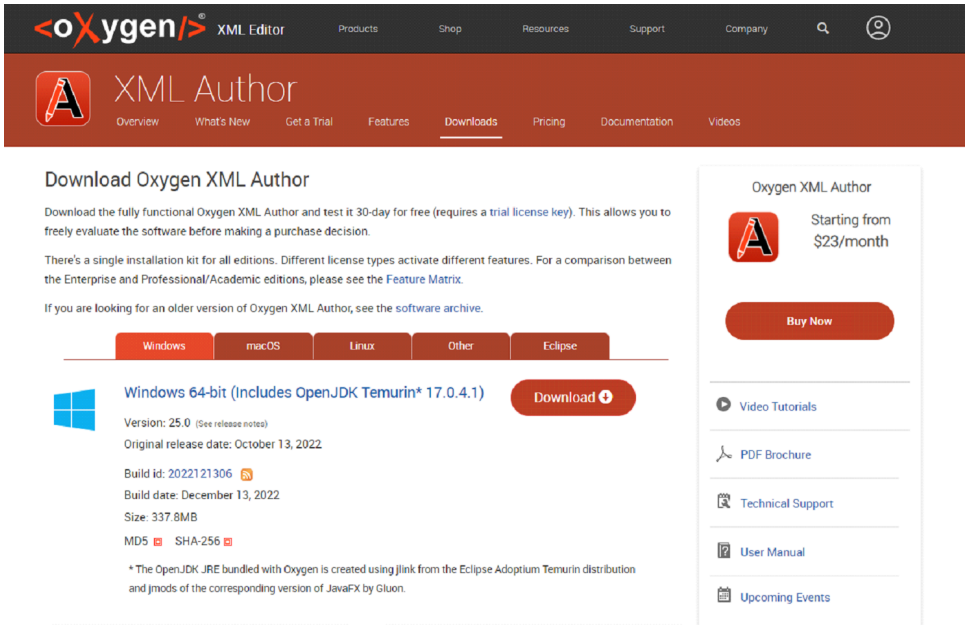


Figure 2: Installation -- Download Oxygen XML Author for 64-bit Windows

4. Select the tab that corresponds to your operating system (here, **Windows**), and click **Download**.
   The executable (.exe) file downloads to your system.
5. In the page that displays, enter the required details, to obtain your 30-day trial license.

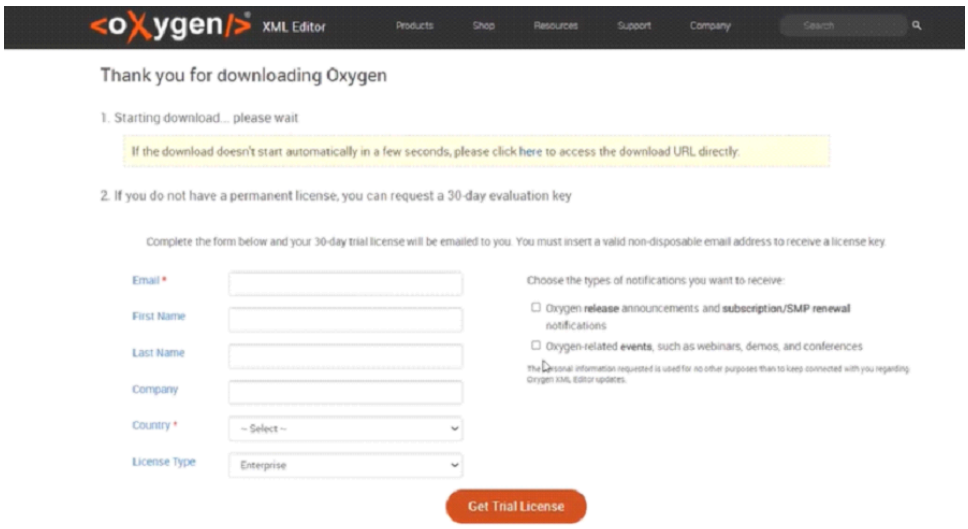


Figure 3: Oxygen Installation -- Getting the trial license

6. Start the installation wizard to install the Oxygen XML author.
7. Double-click the Oxygen XML Author shortcut on your desktop to invoke an instance of the software.
8. When prompted, enter the 9-line license text in the space provided.
   To learn more about the Oxygen XML Author, visit: https://www.oxygenxml.com/doc/versions/25.0/ug-author.

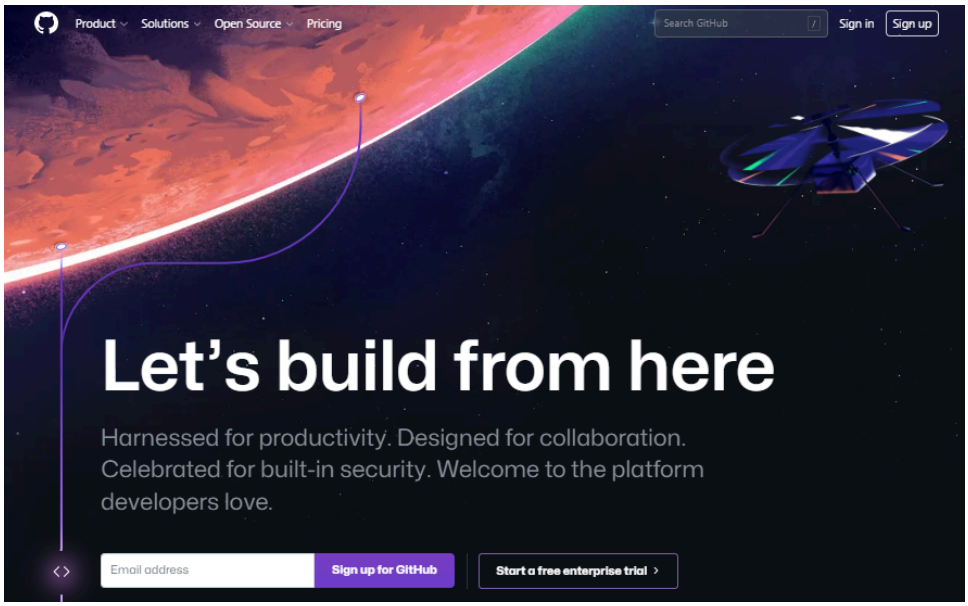
Setting up the GitHub Environment

Creating a GitHub Account

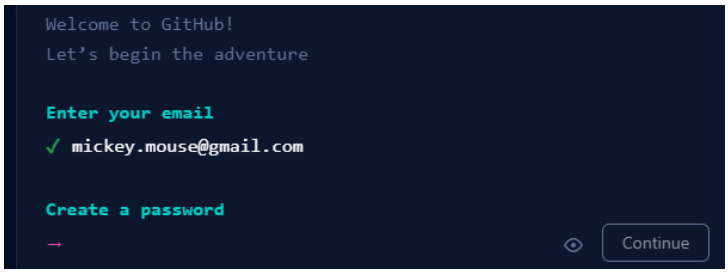
Before you start work on GitHub, you must first create your personal account.

Use this procedure to create your own personal and free account to serve as your identity on GitHub.

1. On a browser instance, navigate to: www.github.com.
2. On the top right hand corner, click **Sign up**.



3. In the popup dialog that displays, enter your email ID and a strong password.



4. Click **Continue** to create a free personal account to sign in to GitHub.

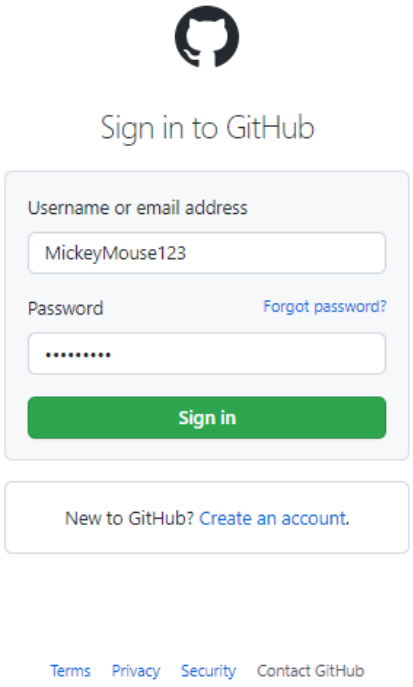
Signing in to GitHub

Sign in to GitHub to access projects and repositories.

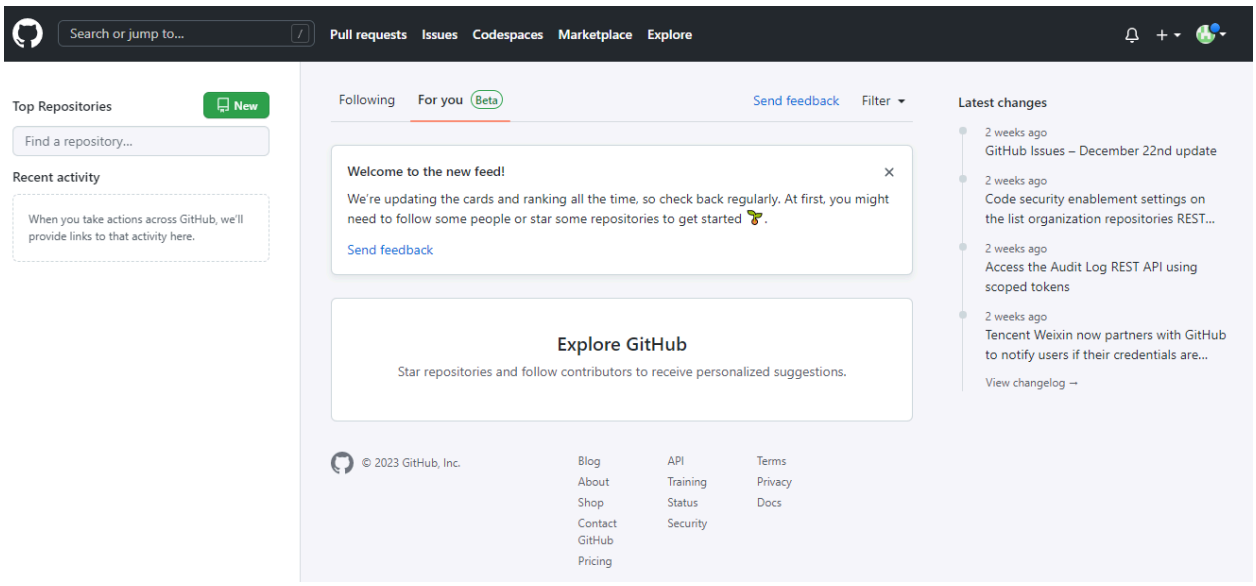
Before you begin, you must create a GitHub account.

After you create an account in GitHub, you can sign in to access your project space or repositories anytime.

1. On a browser instance, navigate to: www.github.com.
2. On the top right hand corner, click **Sign in**.
3. Enter your credentials in the pop up dialog that displays, and click **Sign in**.



The GitHub landing page displays:



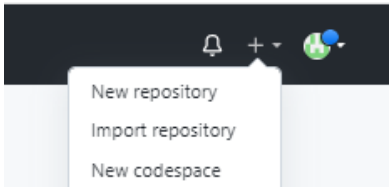
Publishing the outputs from DITA XML

Creating a Public GitHub Respository

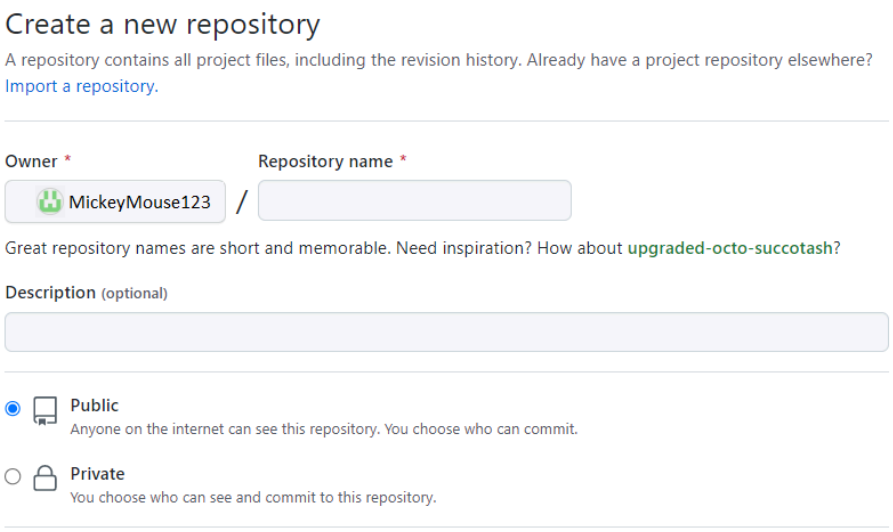
Sign in to your personal GitHub account. For more information, see: Signing in to GitHub on page 6.

Use this procedure to create a public GitHub repository.

1. On an instance of a web browser, enter www.github.com.
2. Sign in to GitHub with your credentials.
3. On the top right corner of the page, click the drop-down arrow next to the plus (+) sign, and select **New repository**.



The **Create a new repository** page displays:



4. Create a GitHub repository for your project files.
   a) In the **Repository name*** field, enter a name for your repository of project files.
   For example, enter: *DITA-XML sample*.
   b) Optional: Enter a description for the repository.
   c) Select **Public**.

      Important: Ensure that you create a public repository. That way anyone who has the URL to the repository will be able to access it.

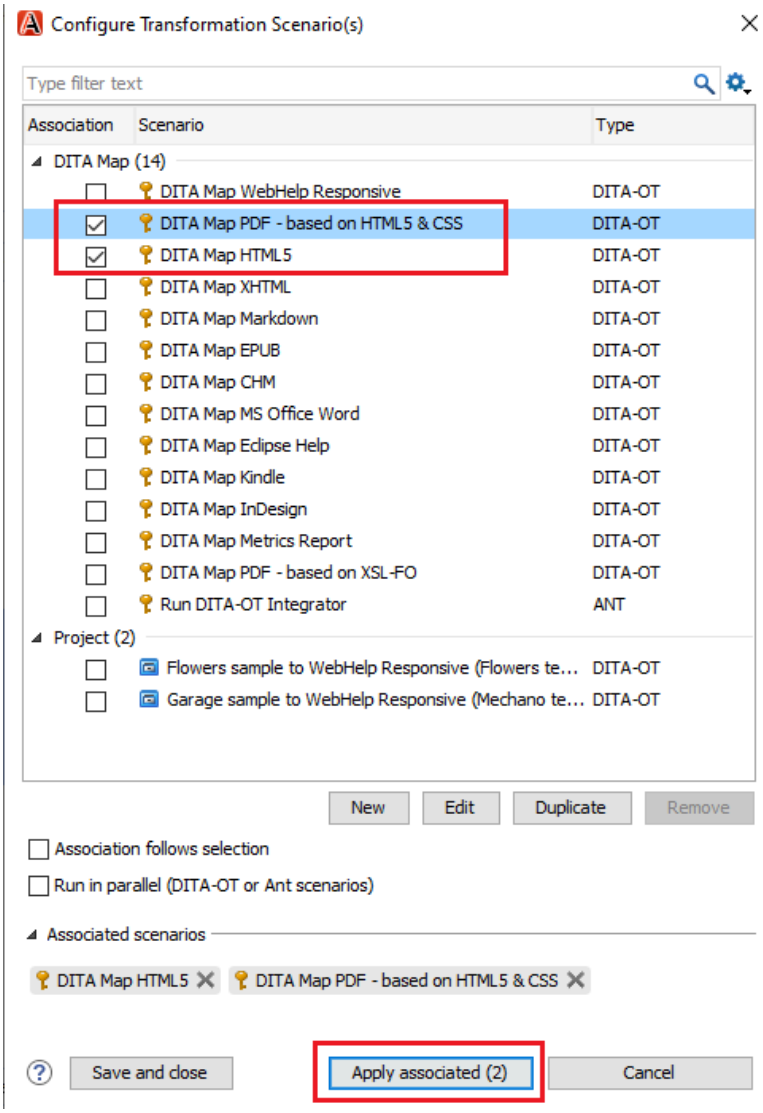
   d) Click **Create repository**.

Publishing outputs from DITA XML

Use this procedure to publish outputs using the default transforms that come with the Oxygen XML authoring tool.

1. Open the ditamap in the DITA Maps Manager.
2. Click **Configure Transformation Scenario(s)**.

3. Select the following transforms:
   - **DITA Map PDF - based on HTML5 & CSS** (to publish to PDF)
   - **DITA Map HTML5** (to publish to HTML5)



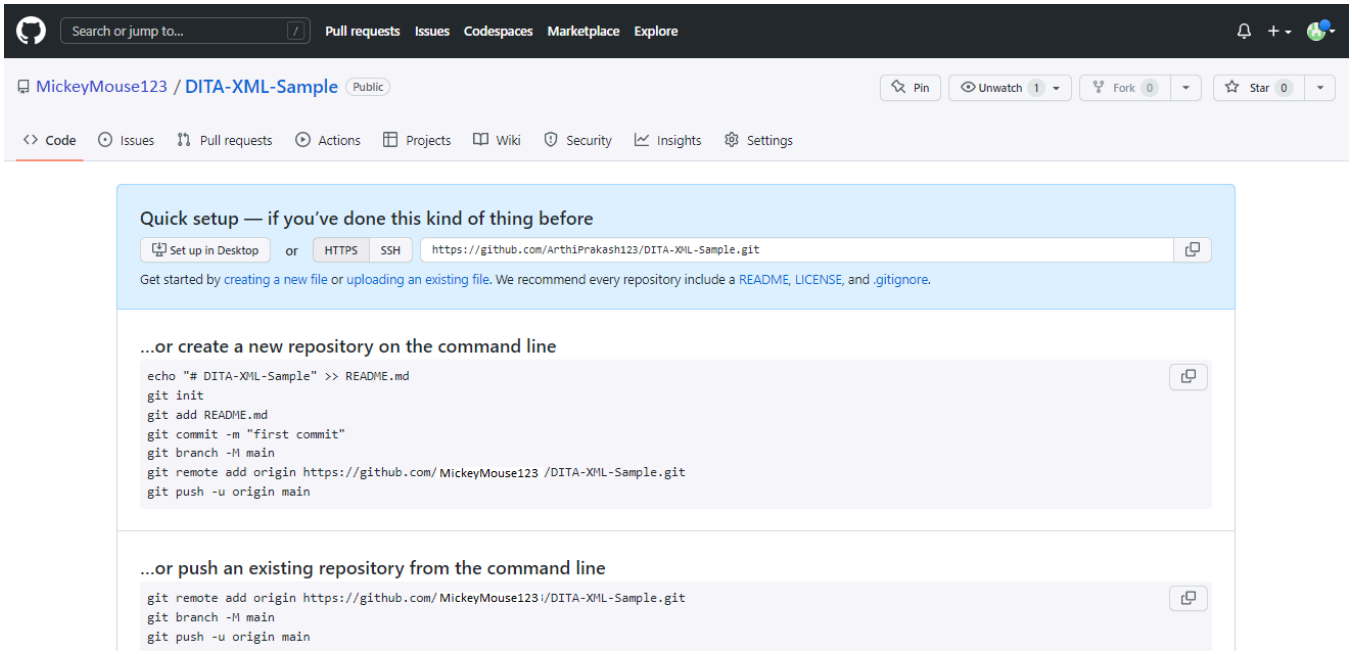
4. Click **Apply associated**.

Uploading DITA XML source files to GitHub repository

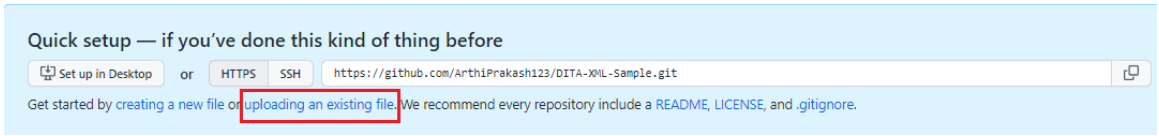
Before you begin, ensure that you create a public GitHub repository.

You must upload DITA XML source files from the locally stored folder on your computer to the GitHub repository, so that the files and the published outputs can be viewed publicly.

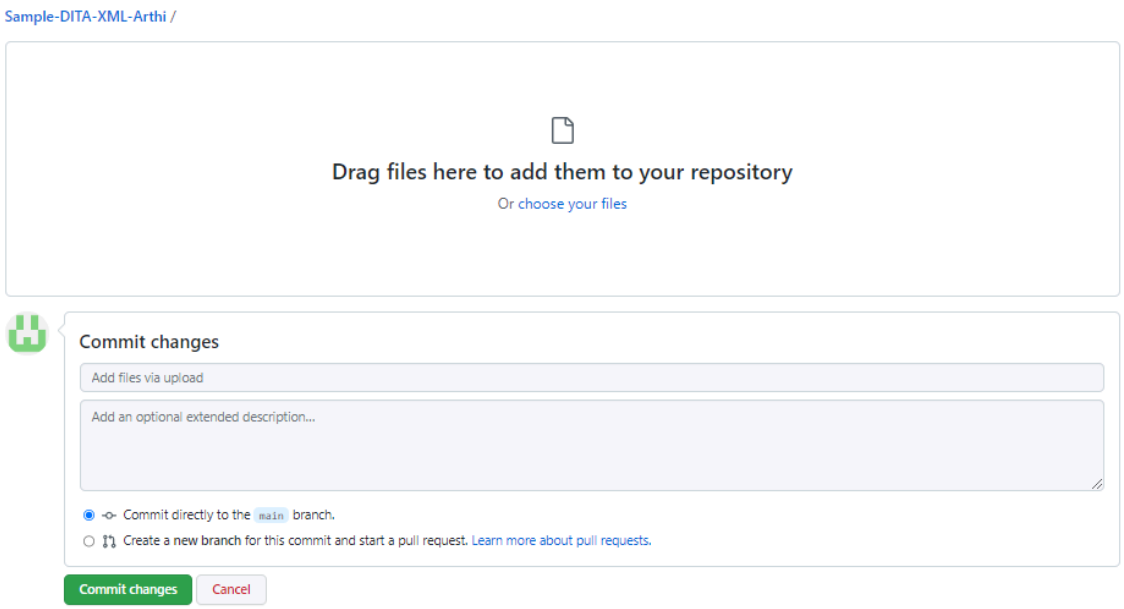
1. Go to http://www.github.com.
2. Click the link to your public repository (for example, *DITA-XML sample*) under **Top repositories** on the left hand side of the web page.
   The repository opens up in the web page as follows:



3. Click **uploading an existing file**.



4. Drag and drop the **entire folder** from your local folder to the repository, in the space provided.



Attention: Ensure that you upload the entire folder with all the supporting files like images etc., to the repository.

5. Click **Commit Changes**.