abapGit

❑ Step-by-Step Guide

CONNECTING ECLIPSE ADT WITH GITHUB

(Comprehensive Setup Walkthrough)
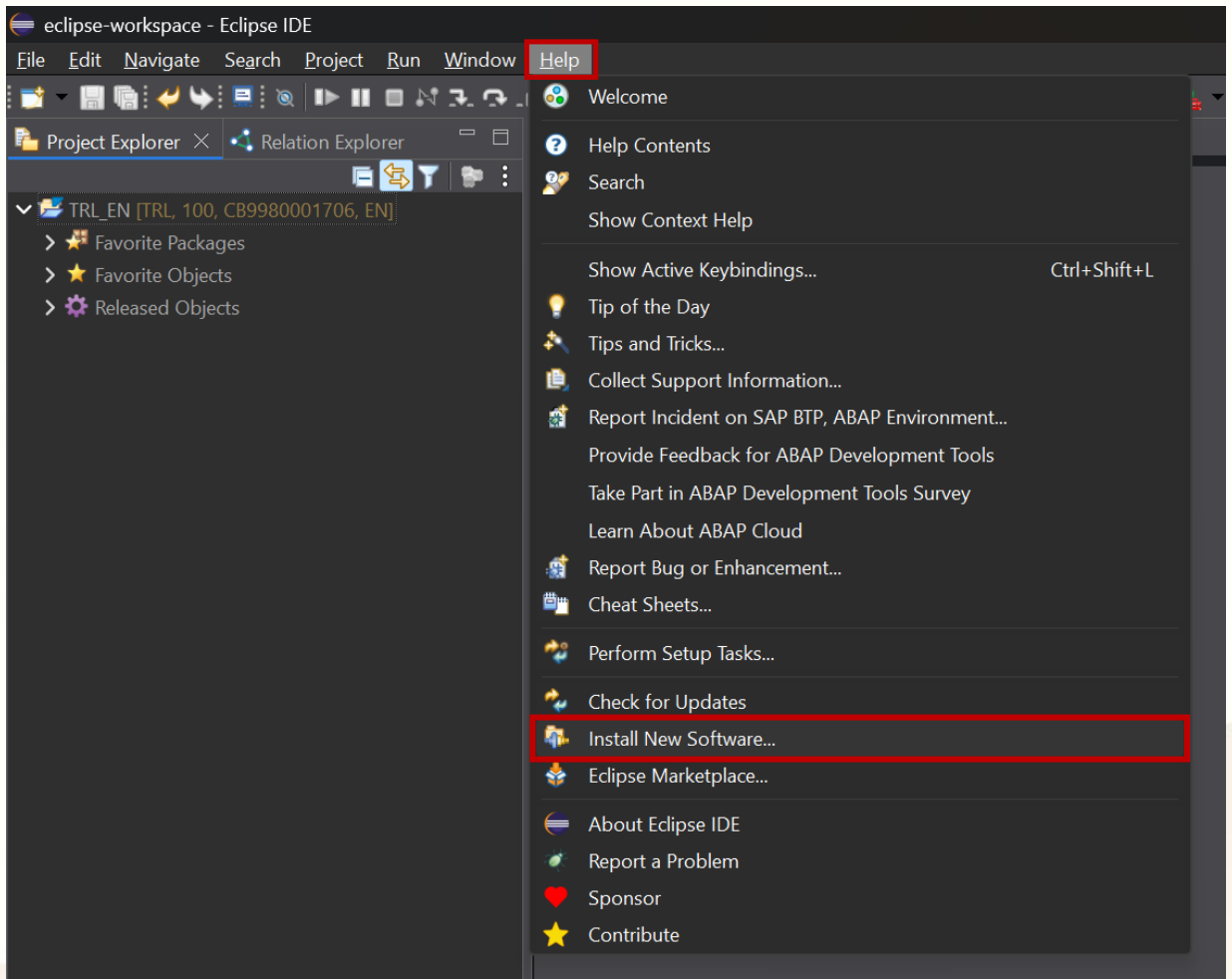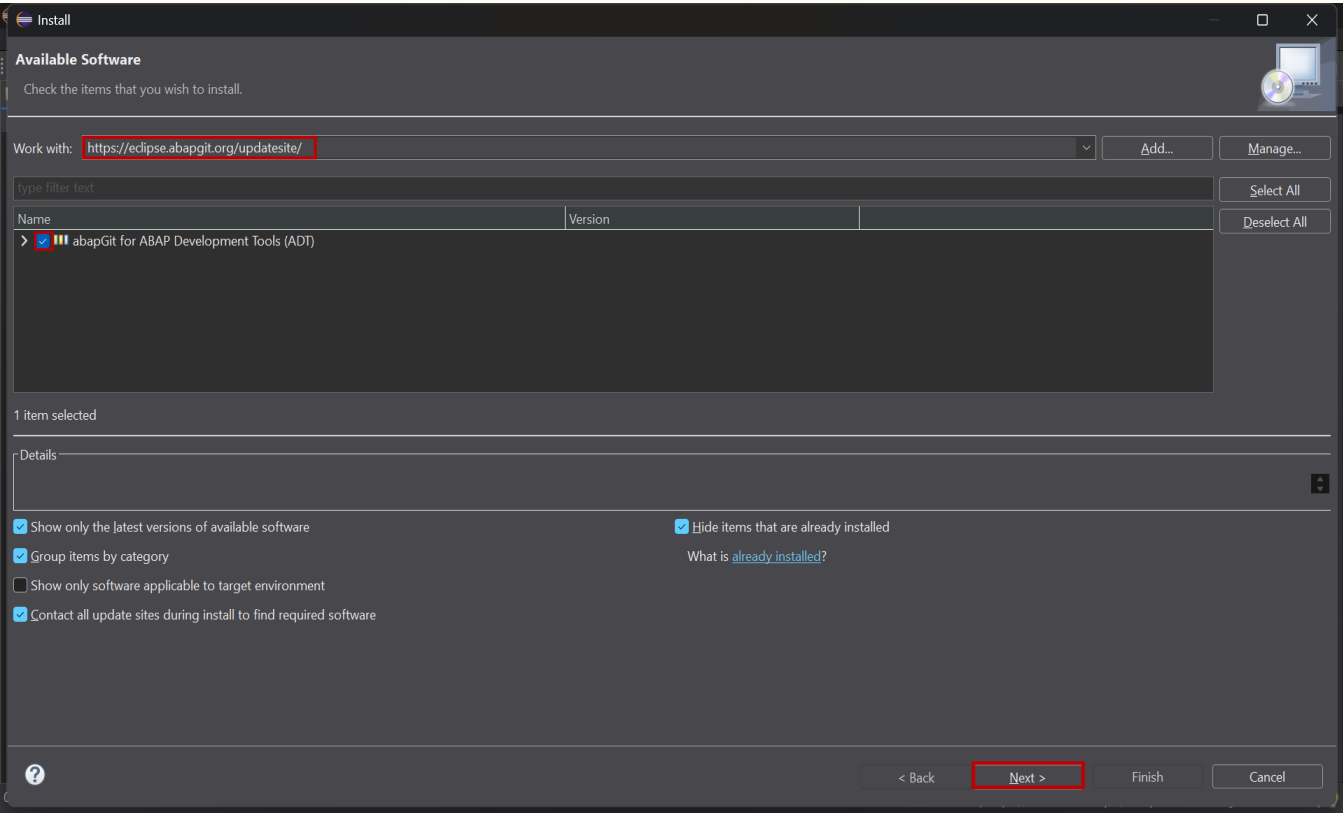
ankitsinghk | Aug 2025

❖ Prerequisites

- Eclipse ADT set up in ABAP Perspective.
- ABAP Package created (to link with GitHub)
- GitHub account and Repository.

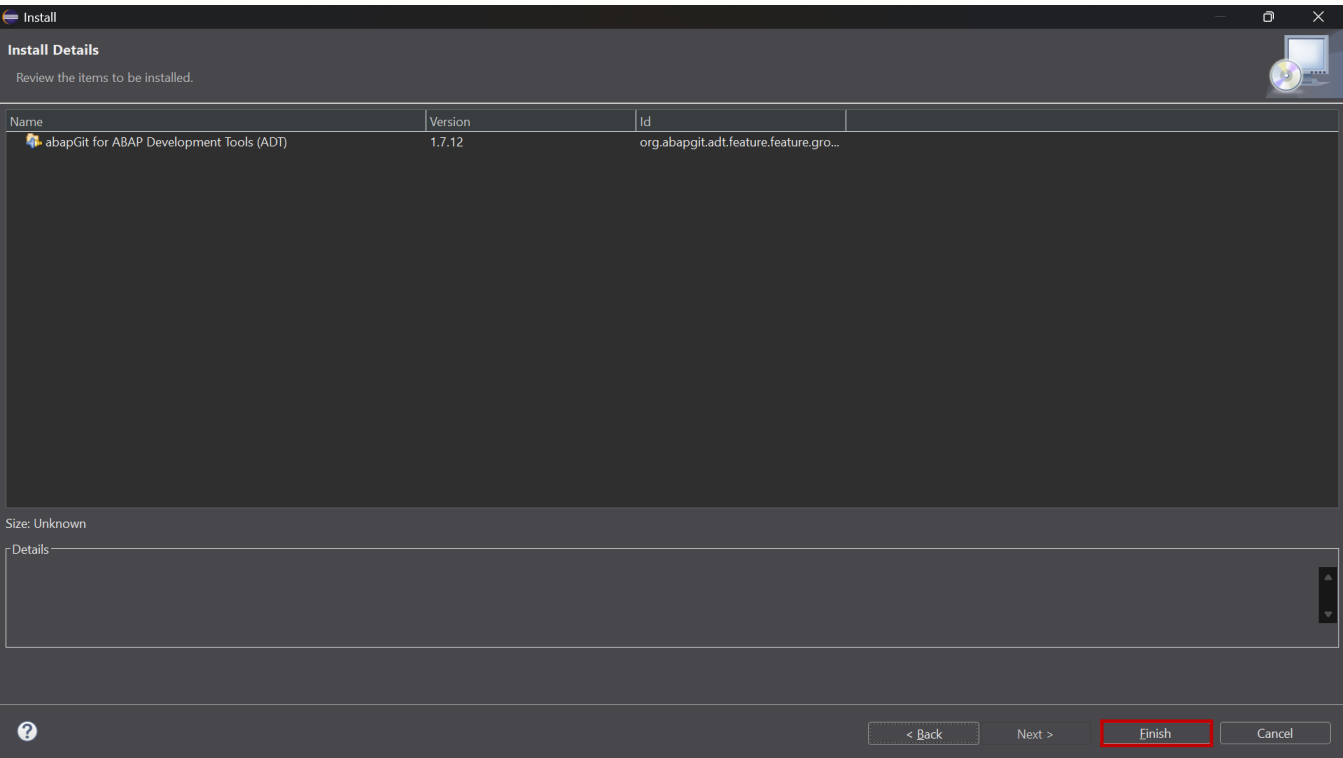## ❑ Stage 1 - Install abapGit plugin in Eclipse

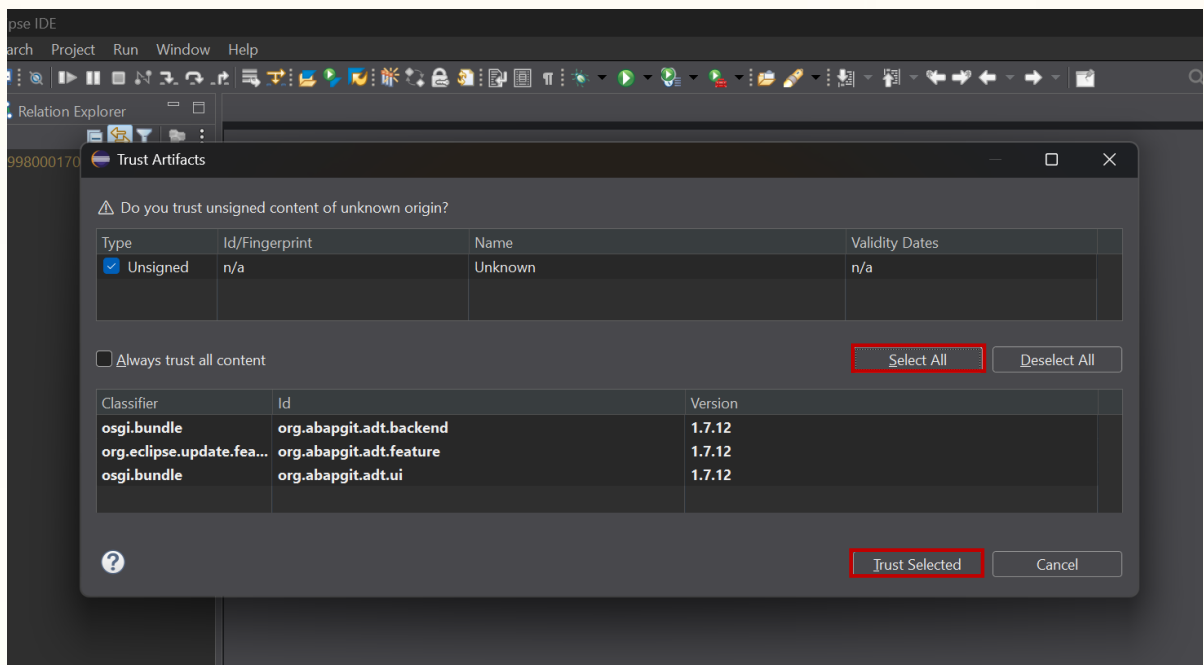1. Open **Eclipse** and select **Help → Install New Software**.

2. Enter the **abapGit URL** https://eclipse.abapgit.org/updatesite/ in the 'work with' section, **press enter** → select **abapGit forABAP Development Tools (ADT)** → click **Next**.
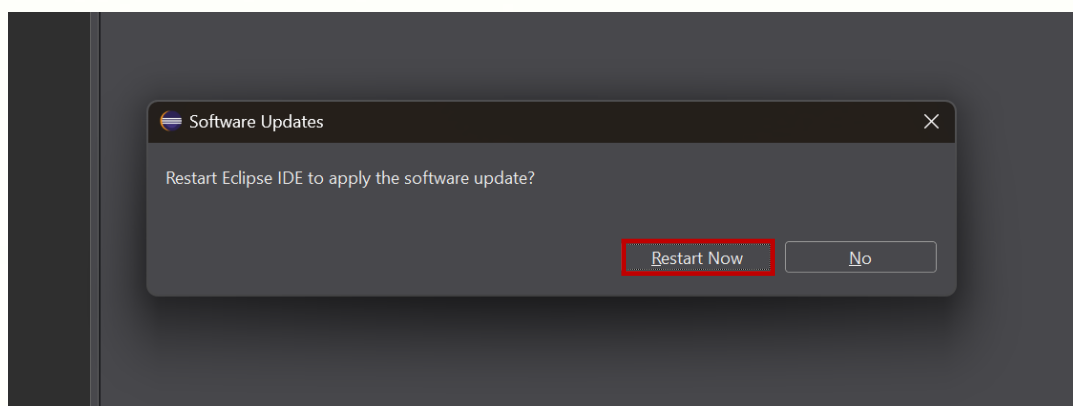

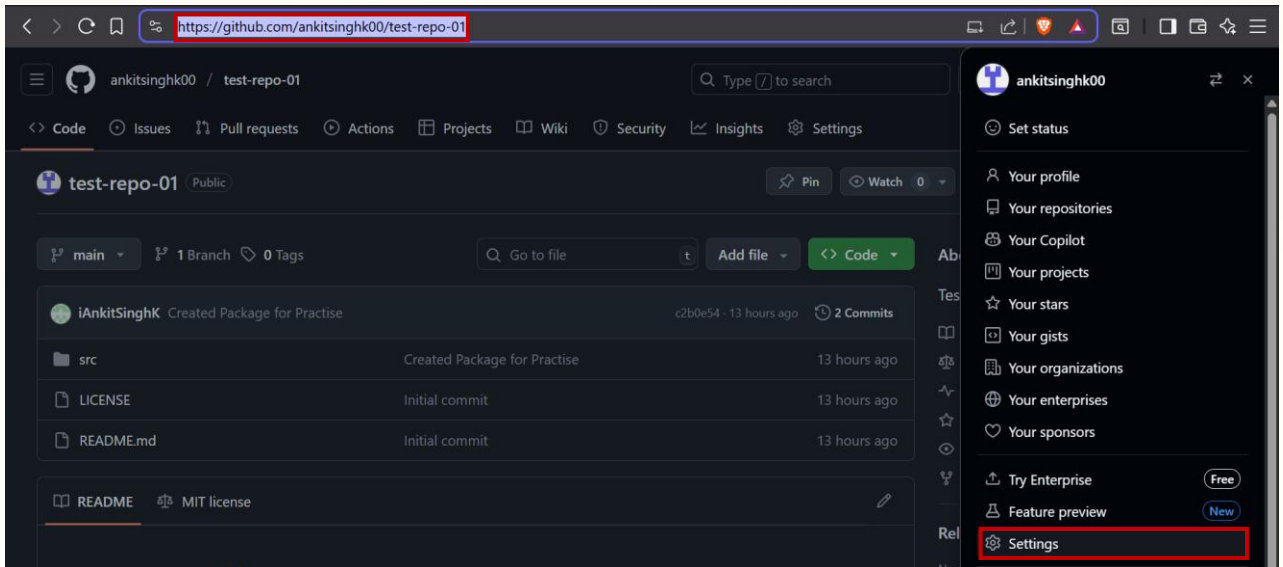3. Click **Finish**.

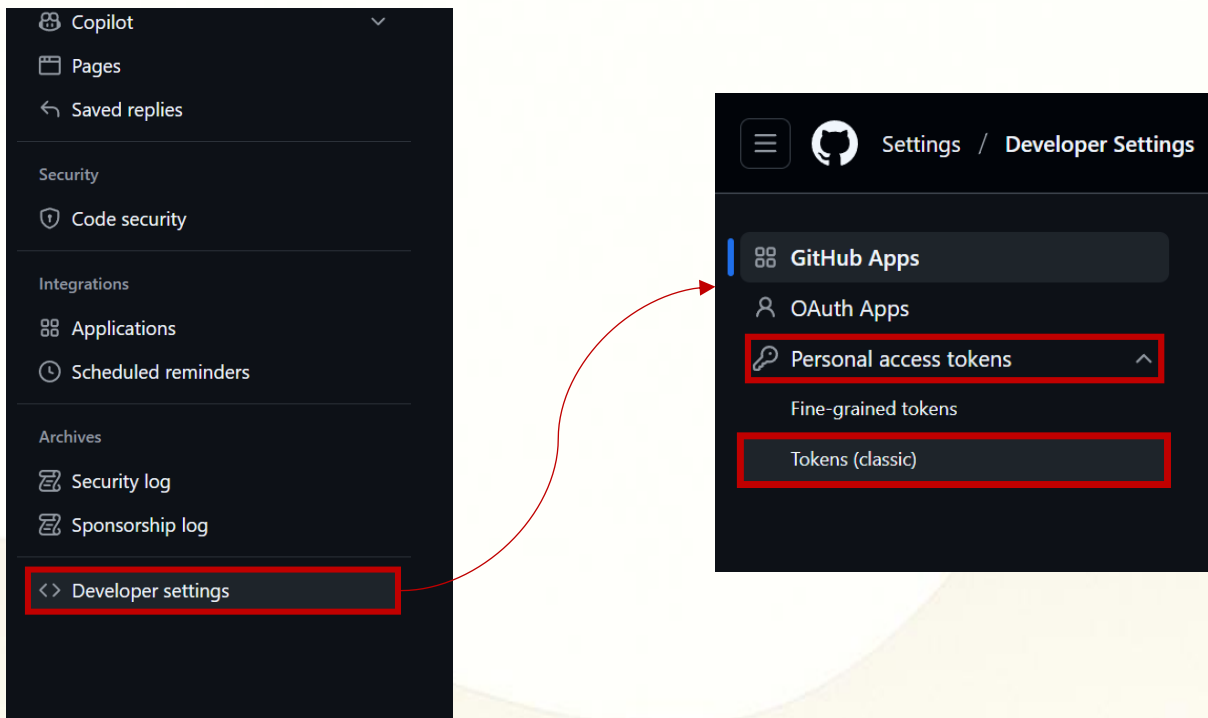4. Click **Select All → Trust Selected**.

5. Click **Restart Now**.

abapGit plugin is installed now in Eclipse ADT

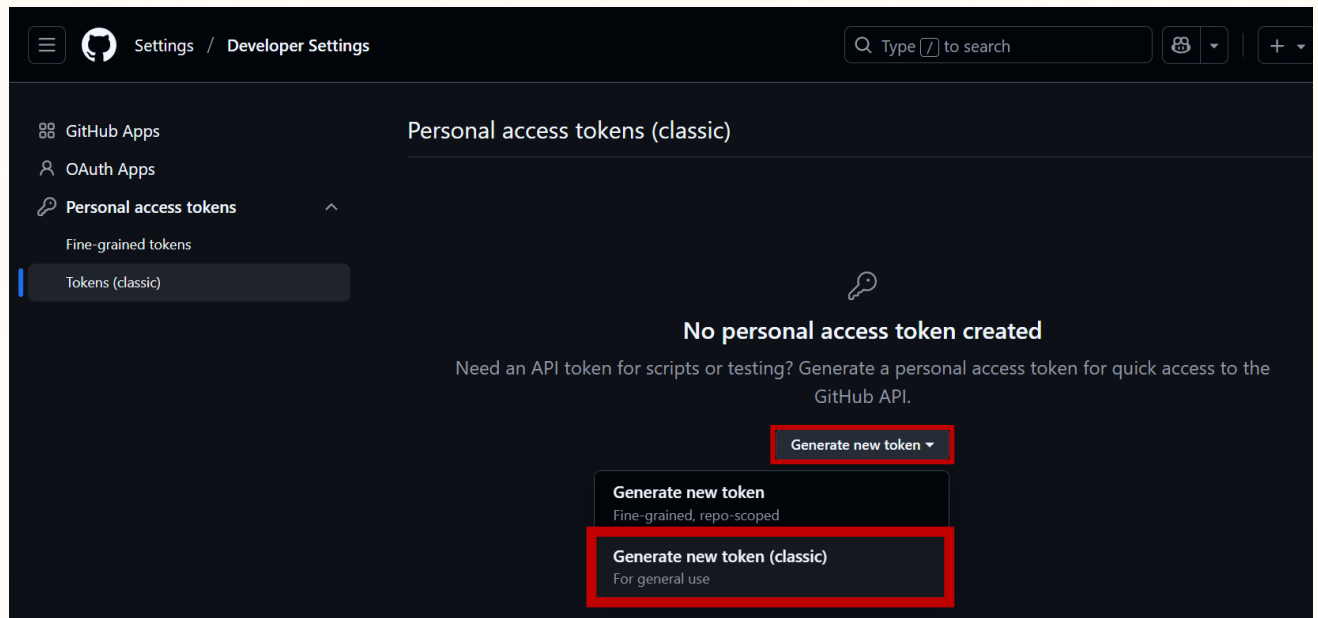# ❑ Stage 2 - Create GitHub Personal Access Token

1. Open **GitHub repository** you want to link with your ABAP package → copy the **repository URL** (you will use it in the next stage) → go to **Settings** (click your profile picture in the top-right corner to access it).
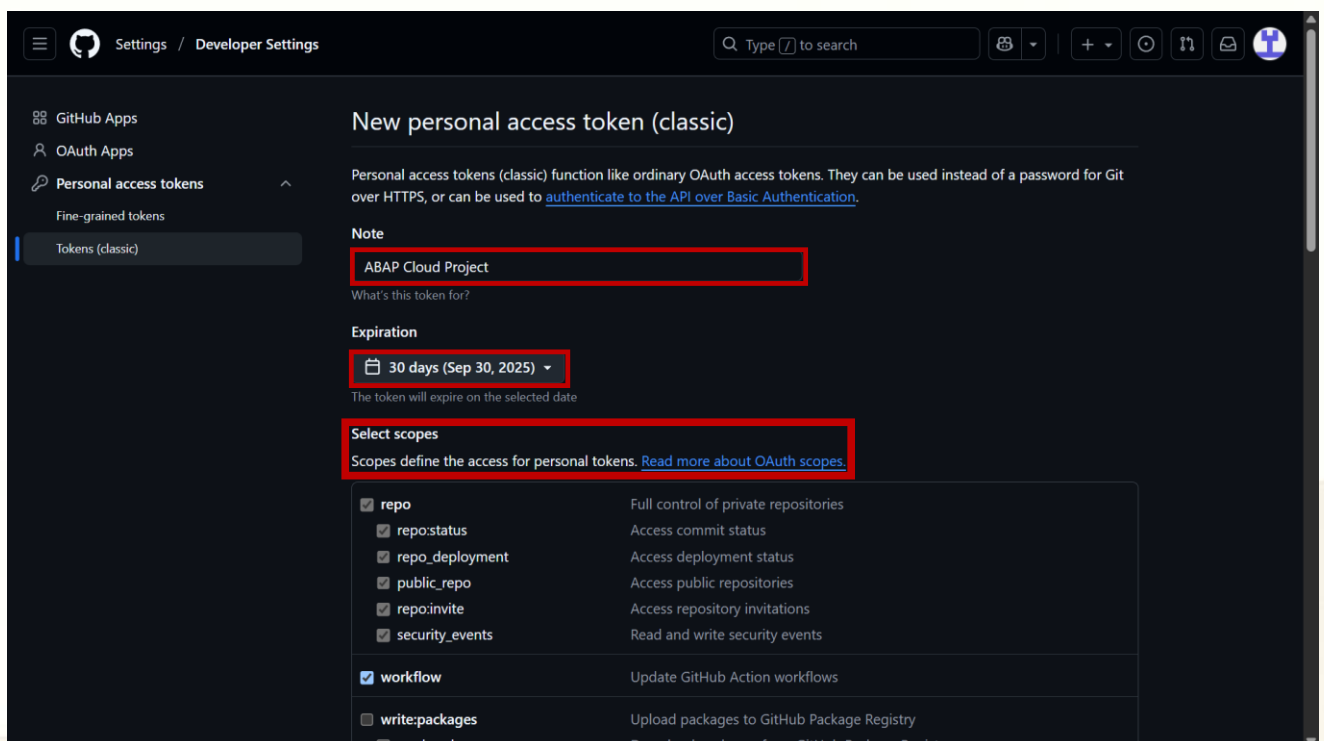

2. In Settings, open **Developer settings** (bottom of the sidebar) → expand **Personal access tokens** → click **Tokens (classic)**.
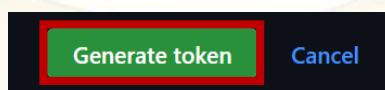
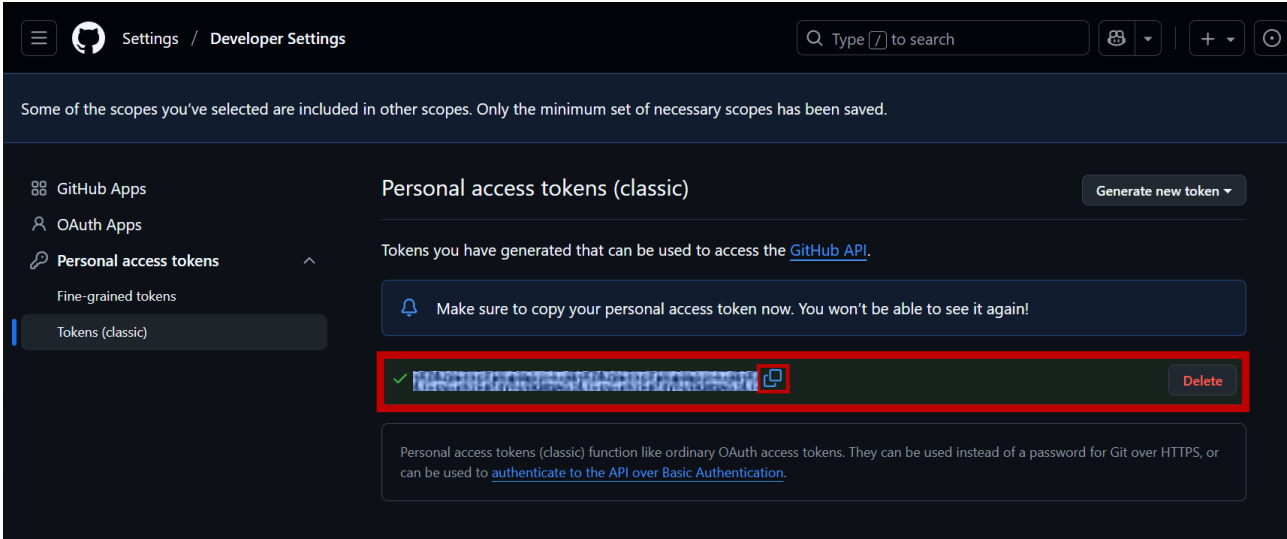3. click **Generate new token** → click **Generate new token(classic)**.

4. Provide a **Note (descriptive name) for the token** – set an **expiration period** – **select the required scopes** (choose repo to enable general repository push and pull operations).
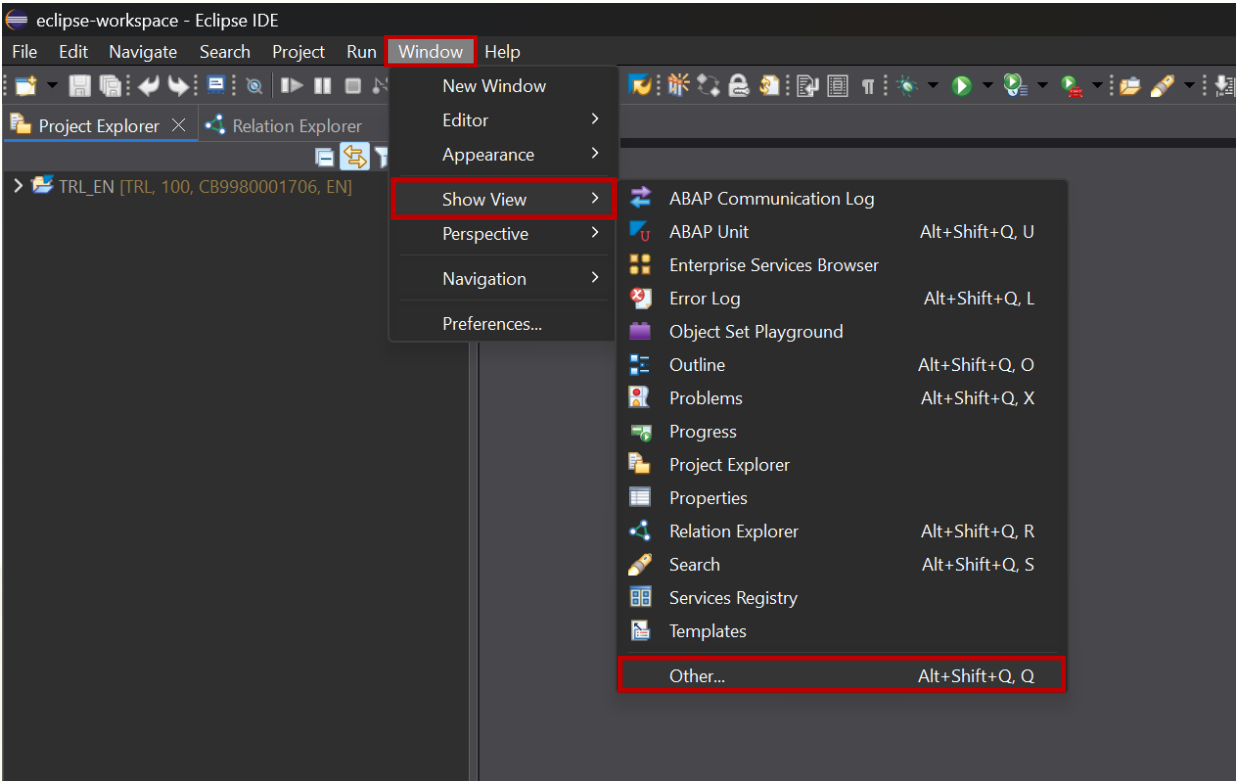

5. scroll the page down → click **Generate token**.

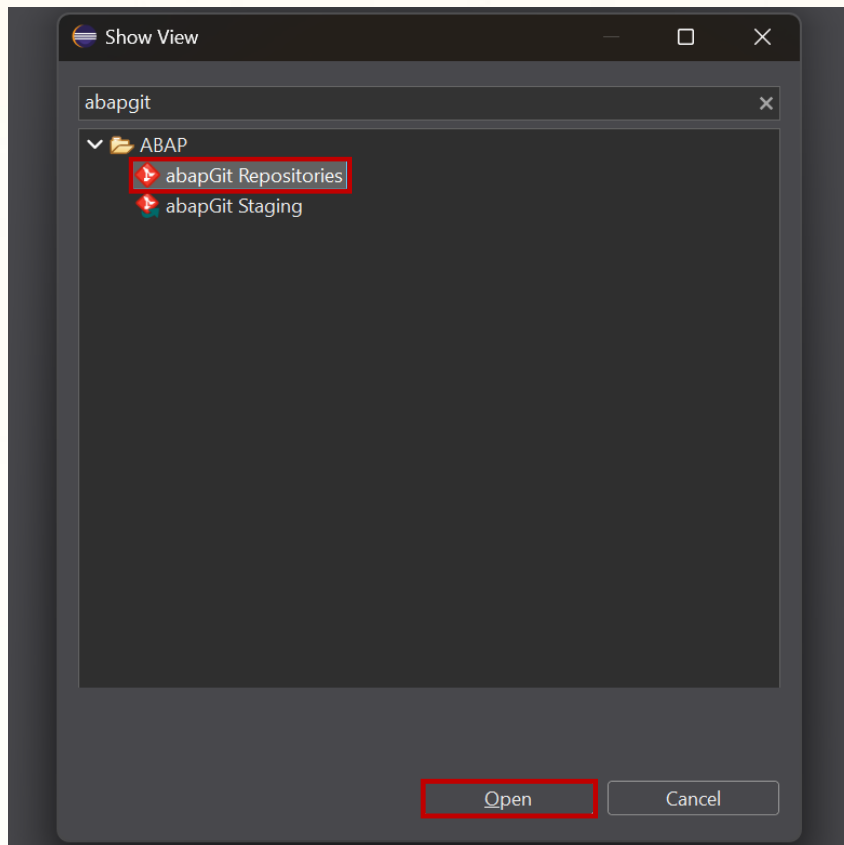**6. PAT successfully generated → copy the token** (you'll use in next stage).

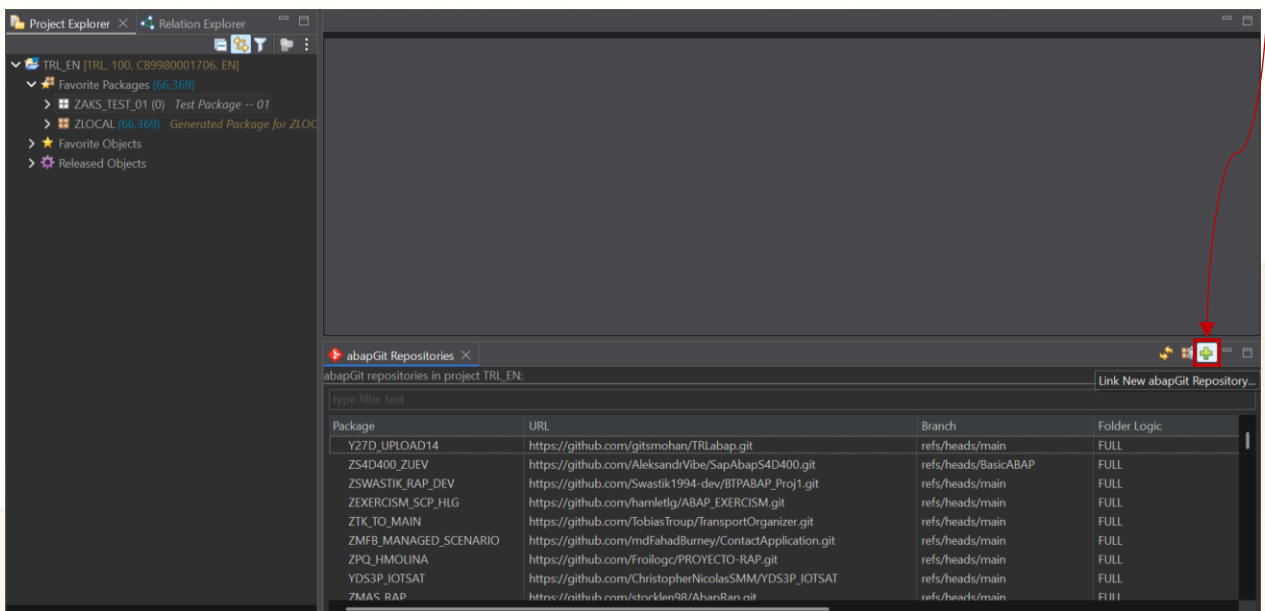❑ Stage 3 – Link GitHub Repository with ABAP Package, Commit Changes, and Push files

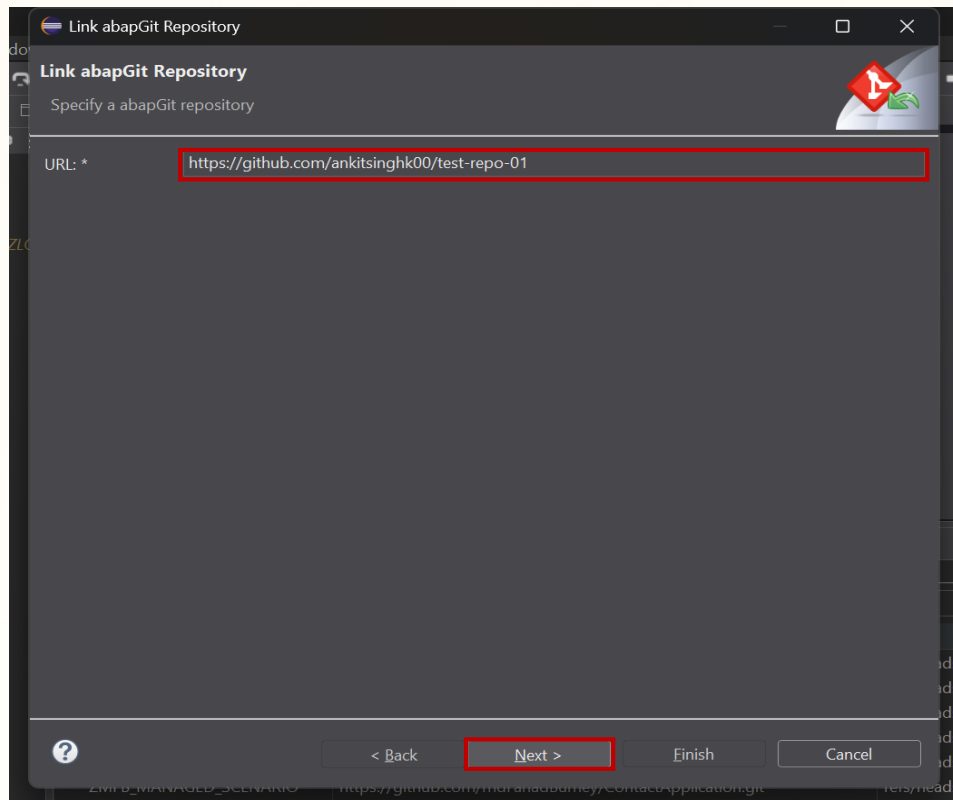1. Open **Eclipse** → select **Window** → **Show View** → **Other**

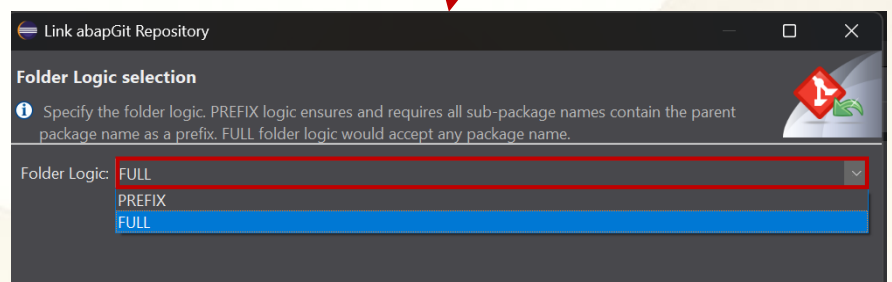2. Search **'abapgit'** → select **abapGit Repositories** → click **Open**
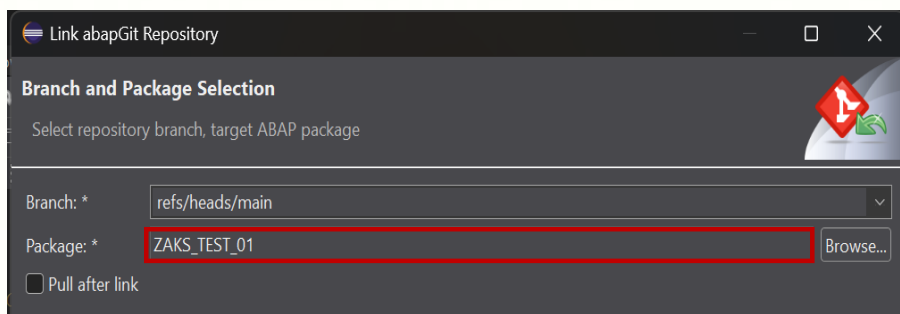

3. Under **abapGit Repositories view**, click **'+' icon** (Link New abapGit Repository).
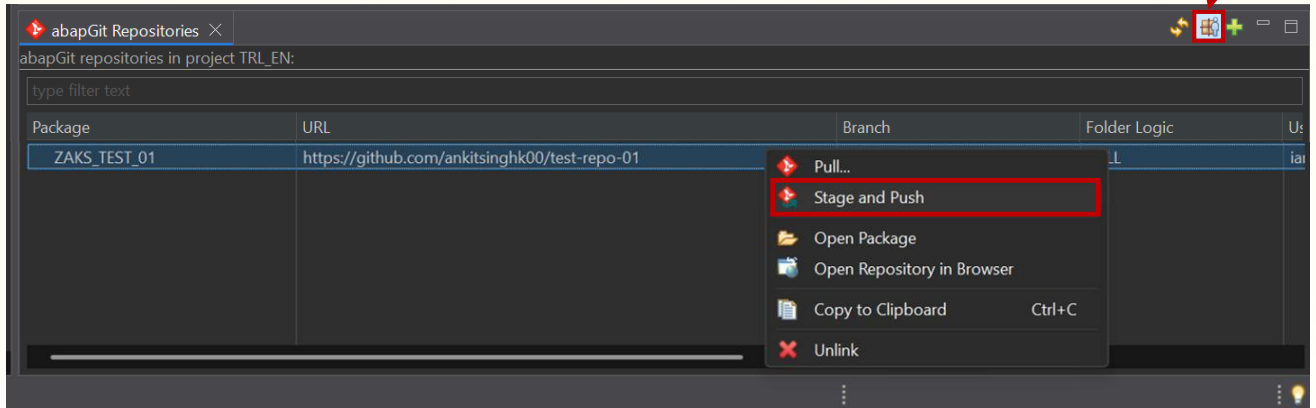
4. Paste **GitHub Repository URL** (copied in Stage 2 – Step 1) →
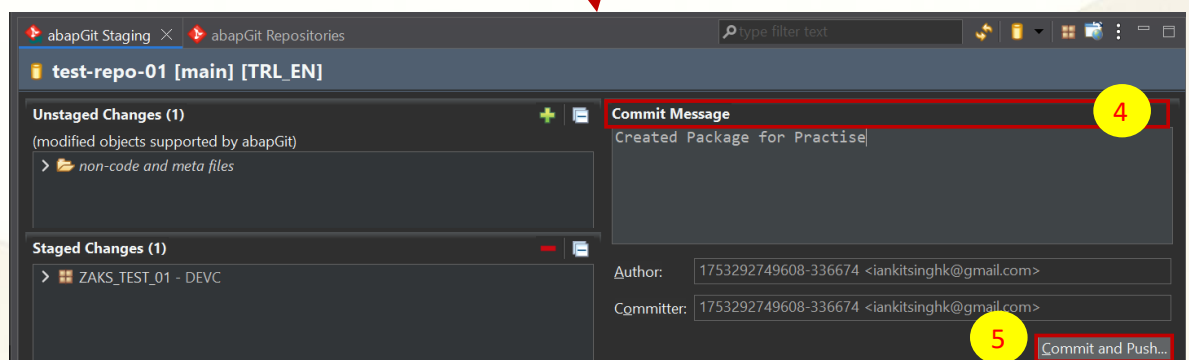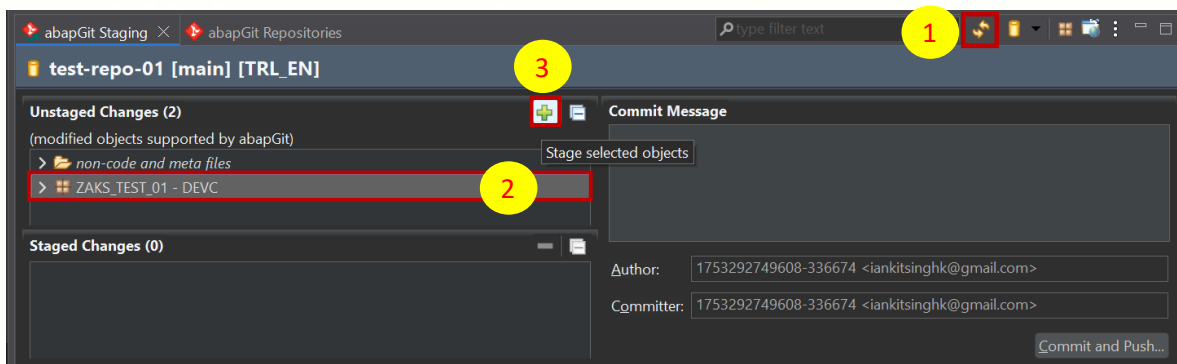   click **Next**.

5. Add **Package Name** → click **Next** → select **Folder Logic**
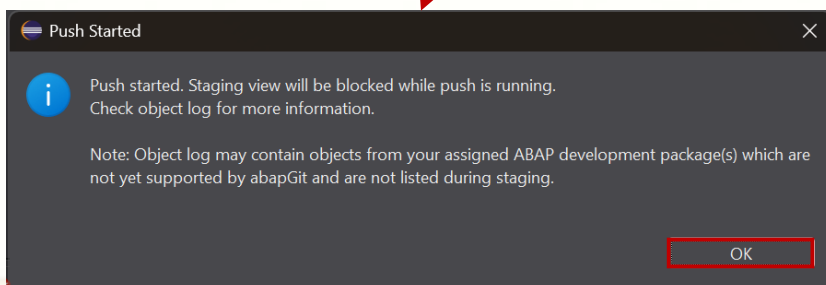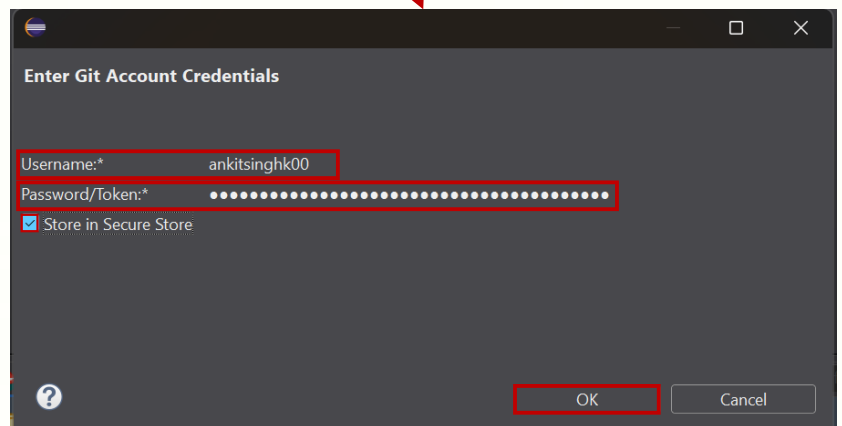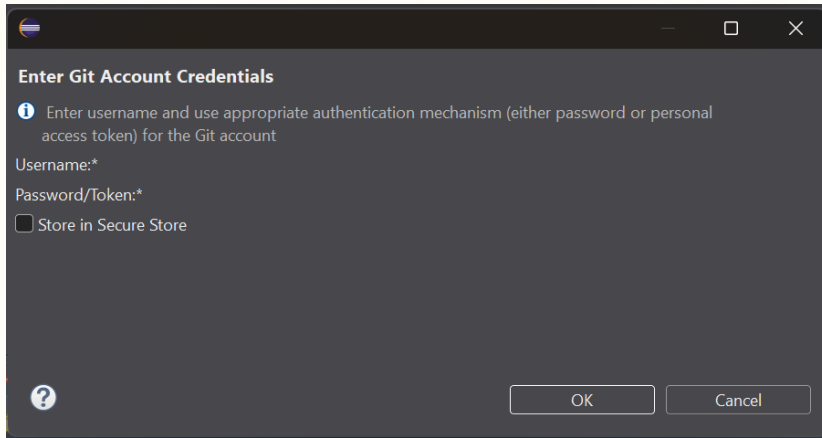   (default Full) → click **Finish**.

6. Click **My Repositories** → **right-click on your package** → click **Stage and Push**.

7. In the **abapGit Staging view** → *(1)* **refresh** to load the updated objects → *(2)* **select the object(s)** → *(3)* click **'+' icon to Stage** them → *(4)* enter a **Commit Message** (optional) → *(5)* click **Commit and Push**.

8. Enter your **GitHub account credentials** (**Username** and **Password/Token** generated in Stage 2 – Step 6). Tick **Store in Secure Store** to save the credentials with your ABAP package → click **OK** → in the **Push Started dialog box**, click **OK** again.

Successfully Connected **Eclipse ADT** with **Github**

❖ To connect **SAP GUI** with **GitHub**, refer to this video tutorial: [Watch tutorial on YouTube↗](#)

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