NestedFlowAutomation – GitHub Integration

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Introduction

This document explains the integration of NestedFlow Automation tool with GitHub. The feature is useful when we want to use remote triggering of automation test cases or when implementing it on CI/CD pipelines. Tool allows to store and retrieve the test cases on GitHub but does not allow versioning of test cases (uses free APIs provided by GitHub which does not allow versioning).

Saving Test Cases On GitHub

In the initial setup document https://github.com/nestedflow-Automation/NestedFlow-Repo/blob/main/Documents/NestedFlow%20Automation%20-%20Initial%20Setups.pdf we can see how to configure the tool with the GitHub token for performing the github operations.

Let us consider a test which has 3 different modules as shown below
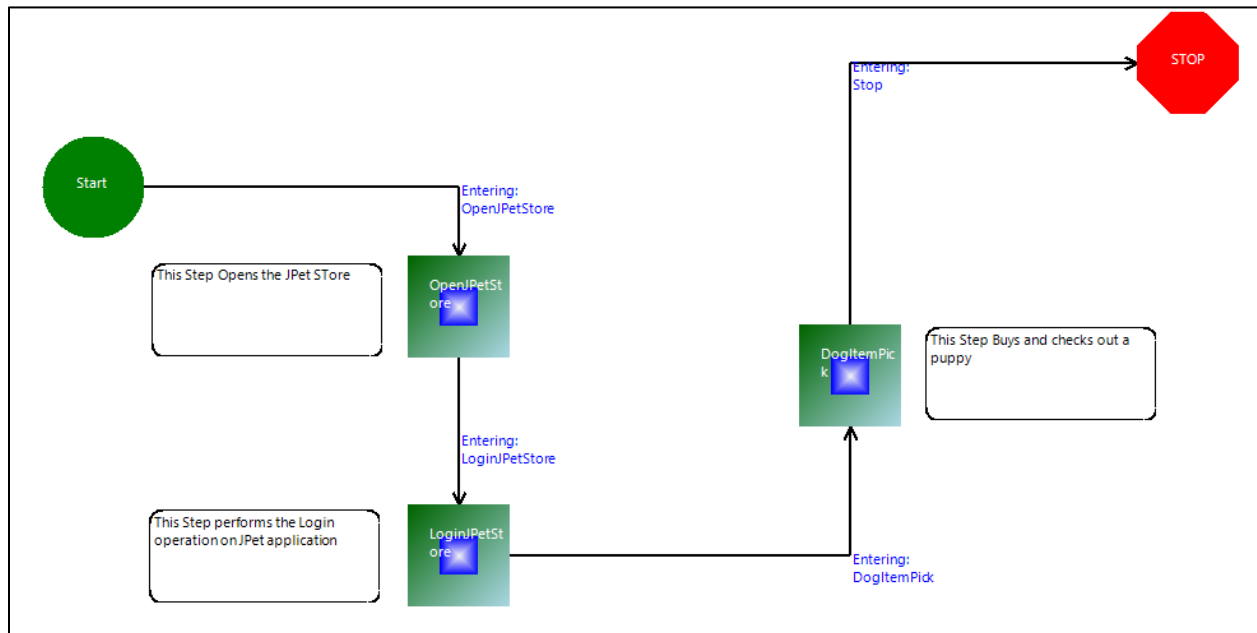
Currently all the modules are stored in the database (Tool executes the tests the same way if the test cases are stored in File system, Database or GitHub) Right click on one of the module (embedded test case) and choose option **Open Component For Editing**
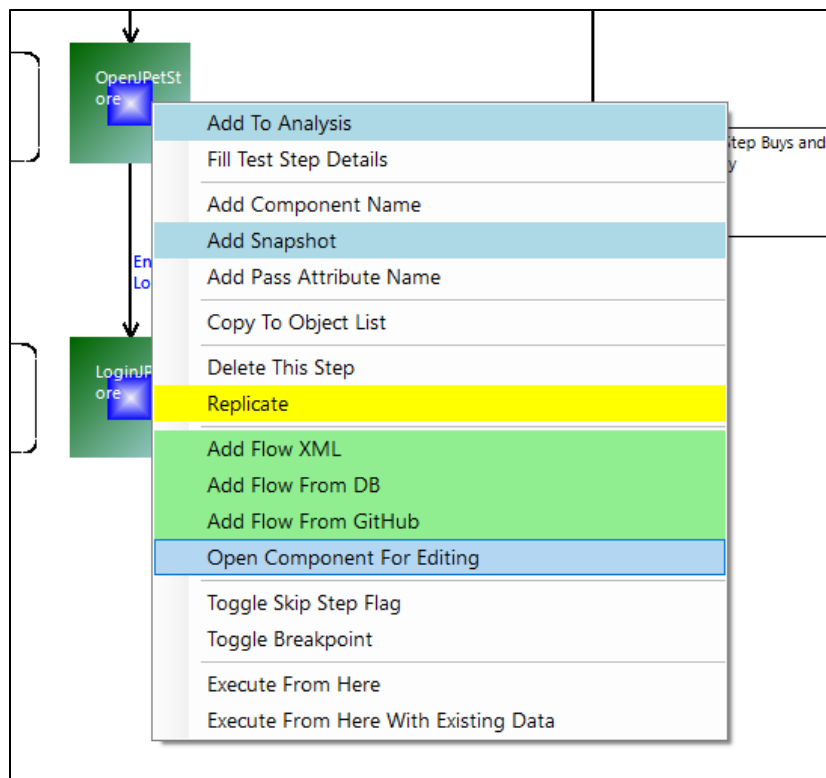
The embedded test case (in this case the open website case) will open. Navigate to **Flow Options** →
Export Scripts → **Save To GitHub**
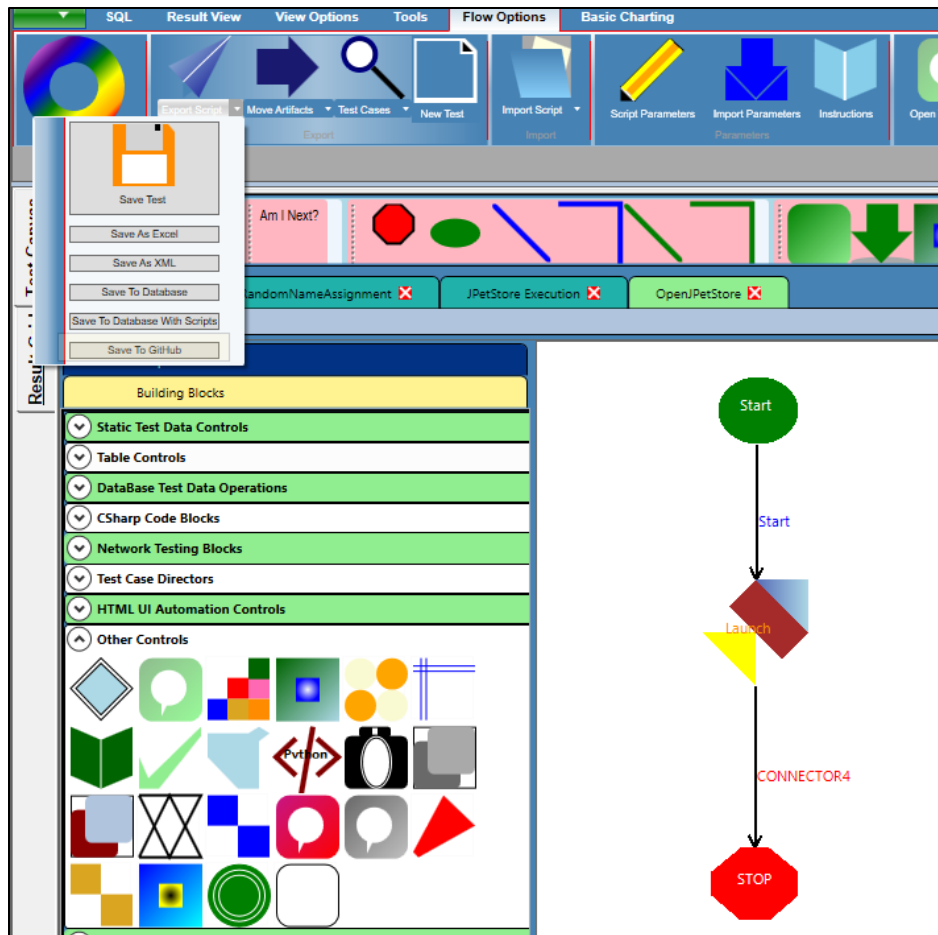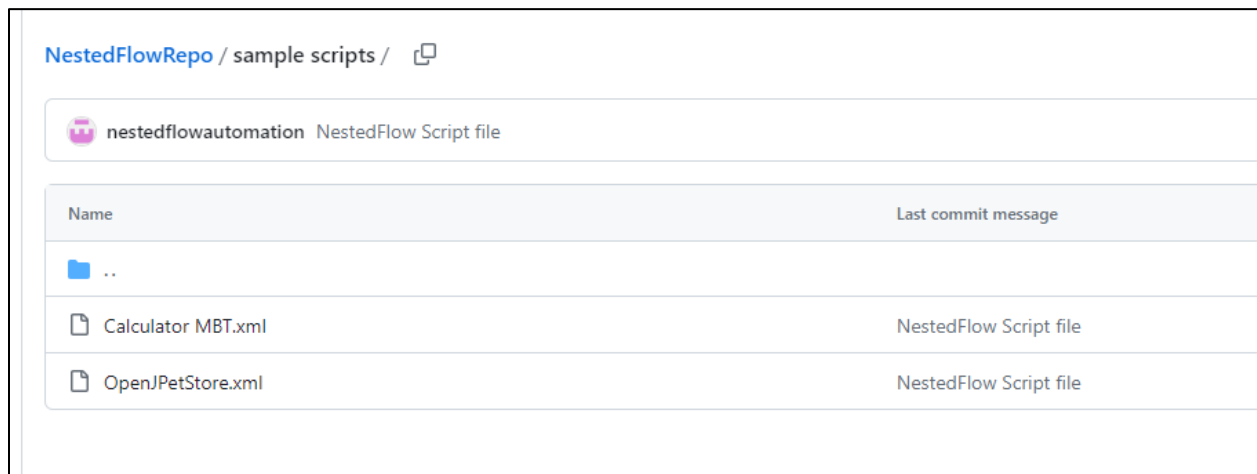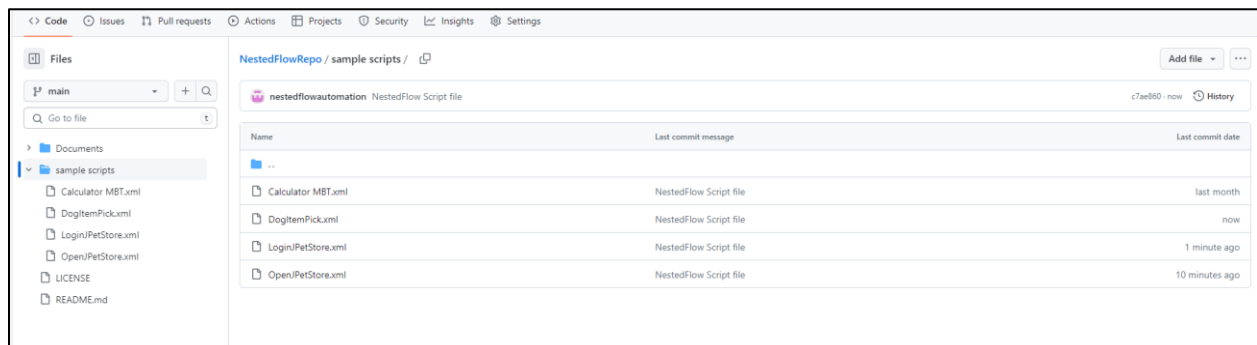
File is uploaded when you get message "**File Uploaded Successfully**"
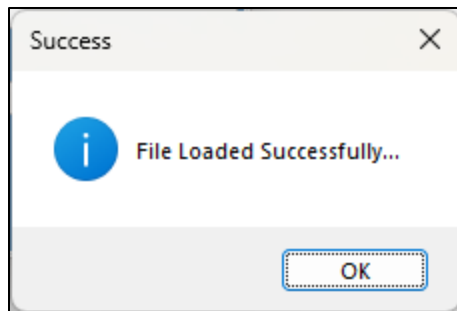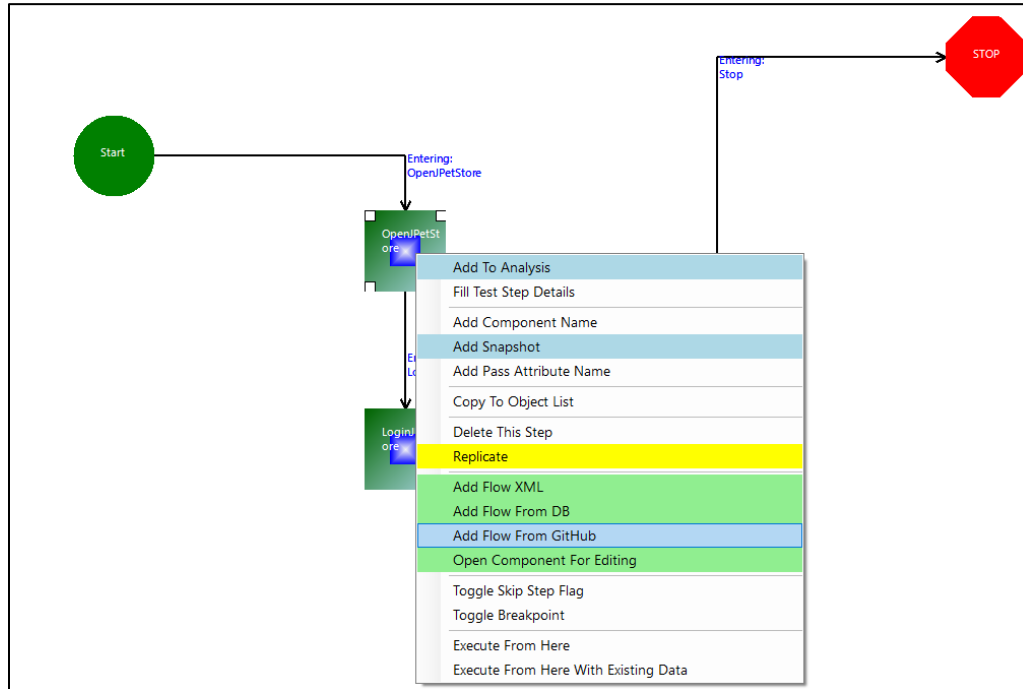
File can be seen in GitHub

Repeat the same for other embedded scripts. All the scripts will be shown in GitHub folder

Create Reference To GitHub Hosted Scripts

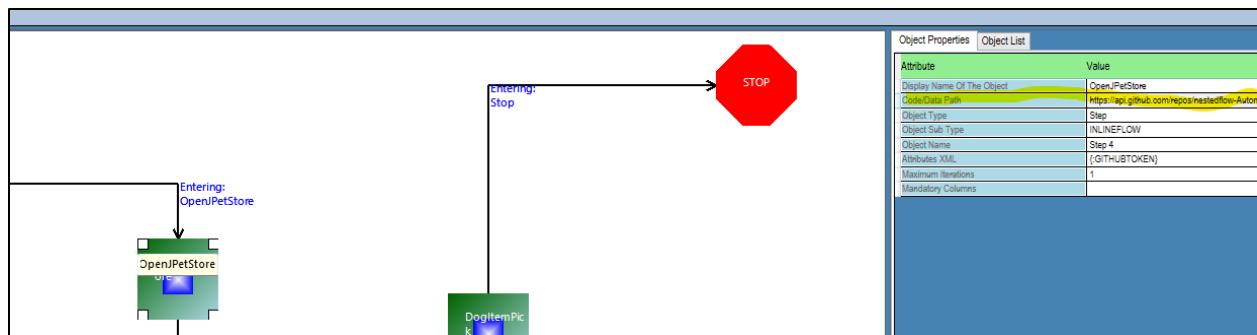Right click on one of the embedded script and click on "**Add Flow From GitHub**"

Enter details and Click on **OK**

Script reference will be created

Perform the same action for other embedded scripts and finally all the embedded scripts in the test are referring to GitHub
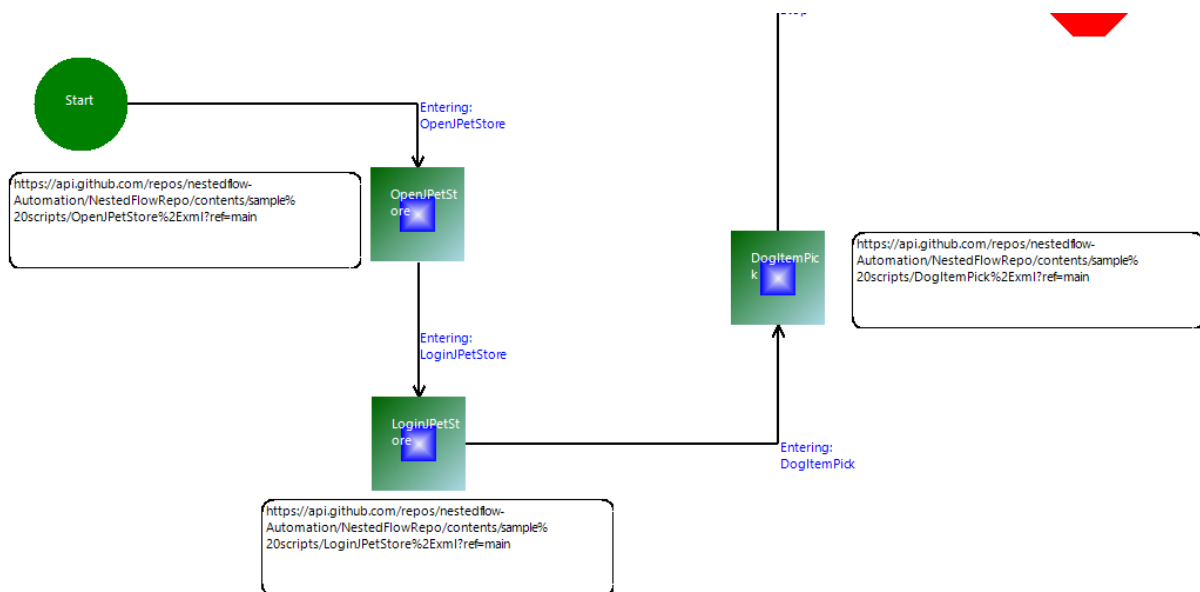
When you execute, tool will download the test script from GitHub and then executes