Distribution of Test Framework Library

Below is a guide to creating a distribution RELEASE version of the automation library.
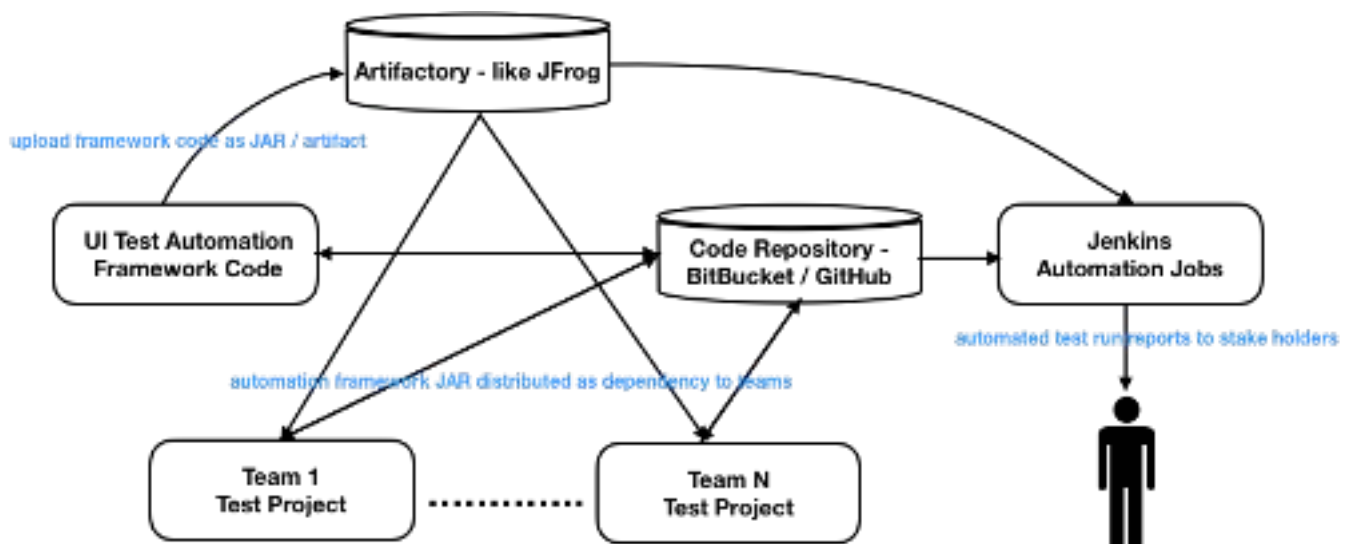
Distribution steps

1. Create the framework jar using any build management tool (Maven or Gradle).

2. Upload the binary to the Artifactory (hosted locally or remotely).

3. Create a Java test project and download the binary as a dependency for writing and executing tests.

4. Setup Jenkins or any CI tool.

5. Create a job for running tests via CI tool.

6. Reports will be shared to stakeholders.

Refer to the diagram below which shows the overall distribution and usage of the framework.

- *UI test automation framework code* – automation framework source code

- *Artifactory* – used for hosting the framework jar or library

- *Code Repository* – repository to host the framework code and test project code (*GitHub*, *BitBucket*, etc.)

- *Jenkins – CI tool*, used to run the automated tests

This is all about the distribution of the framework jar to multiple teams or projects.