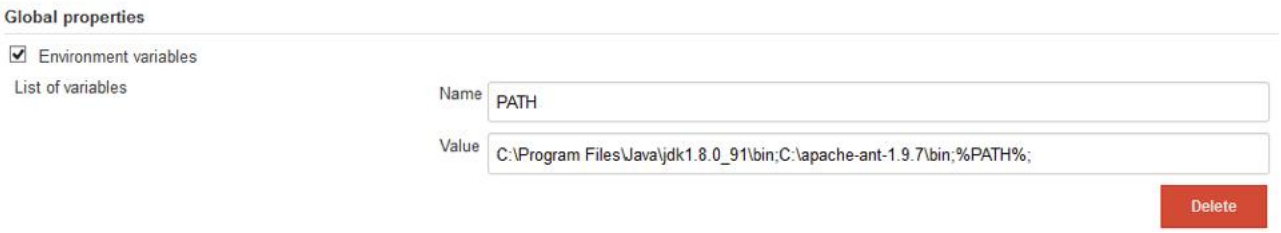
Configure Jenkins Integration for AIQ

About Jenkins plugin configuration example

- Information within illustrates how to configure and run scenarios from Jenkins
- Applicable for both Jenkins installed locally as well as in the cloud, such as using Cloudbees-Jenkins

Local Jenkins Install Prerequisites

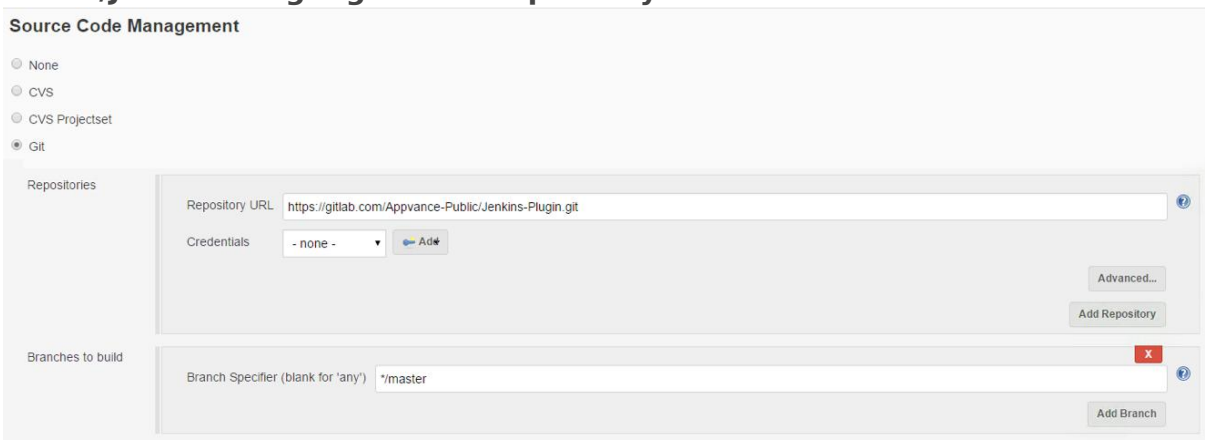
1. Install Jenkins using https://jenkins.io
2. After install, Jenkins automatically launches using port **8080**. To change the port number, locate **Jenkins/jenkins.xml** and modify the **--httpPort** argument
   For example: -Xrs -Xmx256m -Dhudson.lifecycle=hudson.lifecycle.WindowsServiceLifecycle -jar "%BASE%\jenkins.war" --httpPort=**8081**
3. Restart Jenkins
   From a Windows Server machine, go to Server Configuration and select Restart Jenkins Service
4. Install ANT using http://ant.apache.org/bindownload.cgi
5. Open **Jenkins**
6. Click **Manage Jenkins**
7. Click **Configure System**
8. Scroll to **Global Properties**
9. Check **Environment variables**
10. Enter **PATH** in the **Name** box
11. Enter the **Java** and **Antpaths** in the **Value** box as illustrated below



12. Click **Save (Changes)**

Configure Project to Point to Plugin

1. Create a new, or open and existing, Jenkins project
2. Locate **Source Code Management**
3. Options based on Jenkins Plugin location
    1. If hosted by Appvance, select **Git** and enter **https://gitlab.com/Appvance-Public/Jenkins-Plugin.git** in the **Repository URL** box



    NOTE: Please make sure to install git on the machine where Jenkins is installed, once installed please restart Jenkins service.

    Download git from https://git-scm.com/downloads based on your operation system.
    2. If self-hosted
        1. Select your source code management provider and enter the URL to your hosted plugin in the **Repository URL** box

Configure Scenario to Run

1. Locate **Invoke Ant** in the **Build** options
2. Enter **run** in the **Targets** box
3. Click **Advanced**
4. Enter **CloudBees/build.xml** in the **Build File** box (may vary if plugin self-hosted)
5. Enter the following in the **Properties** box:
   ServerURL=<urlToAppvanceUTPServerIncludingPort>
   Path=REPOSITORY/<pathToScenarioFileIncludingScenarioNameAndFileExtension>

Username=<appvanceUserName>
Password=<appvancePassword>



Notice the **Path** value contains **REPOSITORY**. Using the cloud version of Jenkins, users should specify scenarios available from a repository (i.e. SVN or GIT)
To run scenarios using local files, Jenkins must be installed on a local machine, after which local paths can be specified in place of REPOSITORY paths using SERVER.

6. Click **Save**

Running a Scenario

Appvance IQ logging, and a URL to further results, appear in **Console Output** as part of the project build logs.

If you have any feedback on this topic, please contact us at documentation@appvance.ai

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