

What is this?

JMeter for Appian is a tool for Performance testing Appian using JMeter.

Overview

Using this plugin JMeter provides an "easy" way record and replay Appian processes.

Installation

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1. Download [JMeter 4.0](#). The installation folder will be referred to as JMeter_HOME.
2. Unzip the release package and put the contents into JMeter_HOME which contains the following:
 1. `ApacheJMeter_http.jar` replaces the OOTB version with a few changes.
 2. `jmeter-for-appian-X.X.jar` contains Appian specific functionality
 3. `jmeter.properties` turns on cookie settings, this will replace an existing file.
3. Download the example template file `template.jmx` from the release.

Recording Your First JMeter Test

1. Start JMeter if it isn't already running:
 1. In a command prompt navigate to `JMeter_HOME\bin`.
 2. Run `jmeter.bat`.
2. Open the `template.jmx` file included in the release.
3. Update the following in JMeter:
 1. User Defined Variables (Test Plan and WorkBench) - Change **BASE_URL** value to the correct site URL.
 2. HTTP Request Defaults (Test Plan and WorkBench) - Change **Server Name or IP** to the correct site URL.
 3. HTTP(S) Test Script Recorder - Change **URL Patterns to Include** to correct site URL. All periods in the middle of the URL must be escaped with a backslash '\'. Leave the `.*` at the beginning and end of URL.
4. Start recording - click **Start** on HTTP(S) Test Script Recorder.
5. Install the JMeter certificate:
 1. Right click `JMeter_HOME\bin\ApacheJMeterTemporaryRootCA.crt` and click Install Certificate.
 2. Follow Next > Place all certificates in the following store > **Trusted Root Certification Authorities** > Next > Finish > Yes > OK
 3. Configure browser to run through a proxy (Firefox is typically the easiest to configure) **Address:** localhost
Port: 8090
 4. At this point samples should be recorded if you navigate to the site URL.
6. Take the following actions:

1. Navigate to the login page.
2. Login.
7. Move all of the created samples in the **Recording Controller** into the **Login (Test Fragment)**.
8. Take the following actions:
 1. Navigate to the Actions tab.
 2. Click on an action.
 3. Complete the action.
9. Stop Recording - click **Stop** on HTTP(S) Test Script Recorder.
10. Move all of the created samples in the **Recording Controller** into the **Action (Test Fragment)**.
11. You can now run the performance test again by clicking the green run arrow.
12. View the results by clicking on **Graph Results**, **Summary Report**, or **View Results Tree**.