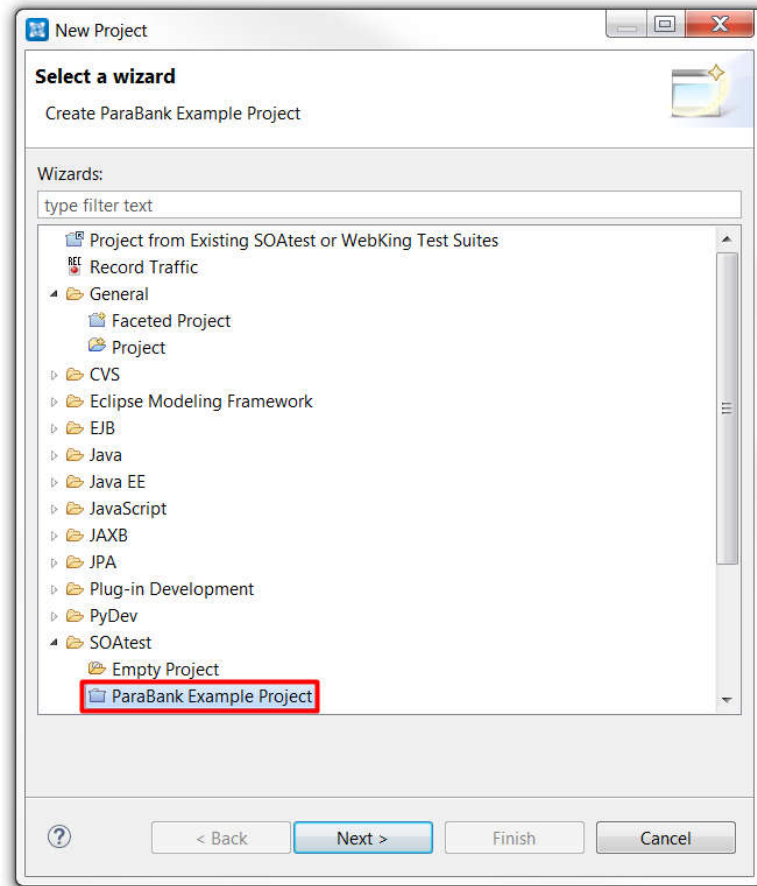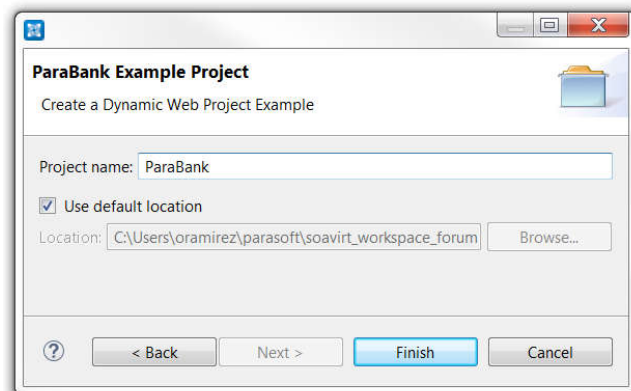# Parasoft: Setting Up ParaBank

Parbank is a web application included in SOAtest/Virtualize to allow users to follow the examples presented in the Userguide. The following steps will walk you through creating and running a ParaBank project. These steps may also be found in your SOAtest/Virtualize User Guide.
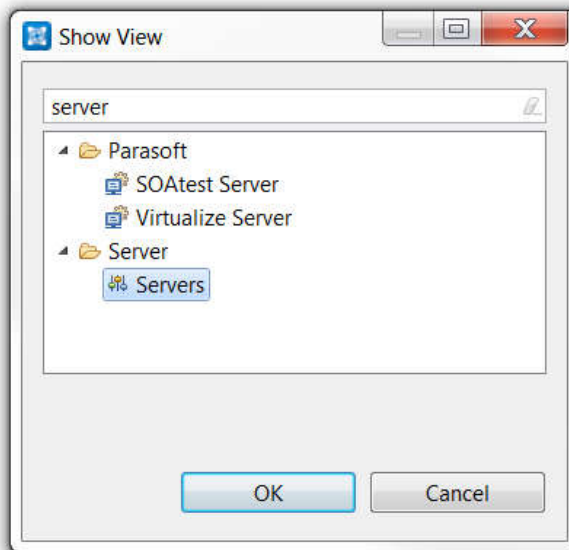
1. In SOAVirt, select **File> New> Project**.
2. Select **SOAtest> ParaBank Example Project,** then click **Next**.
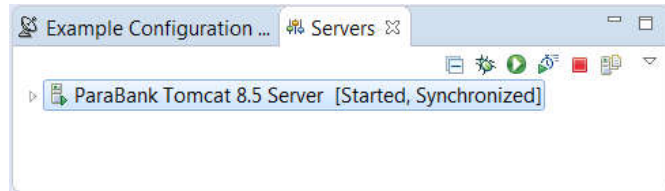

3. Enter a project name (e.g., ParaBank), then click **Finish**.

4. Open the **Servers** view by navigating to **Window> Show View> Other> Server> Servers**.

5. Verify that the ParaBank Tomcat Server is started and synchronized.
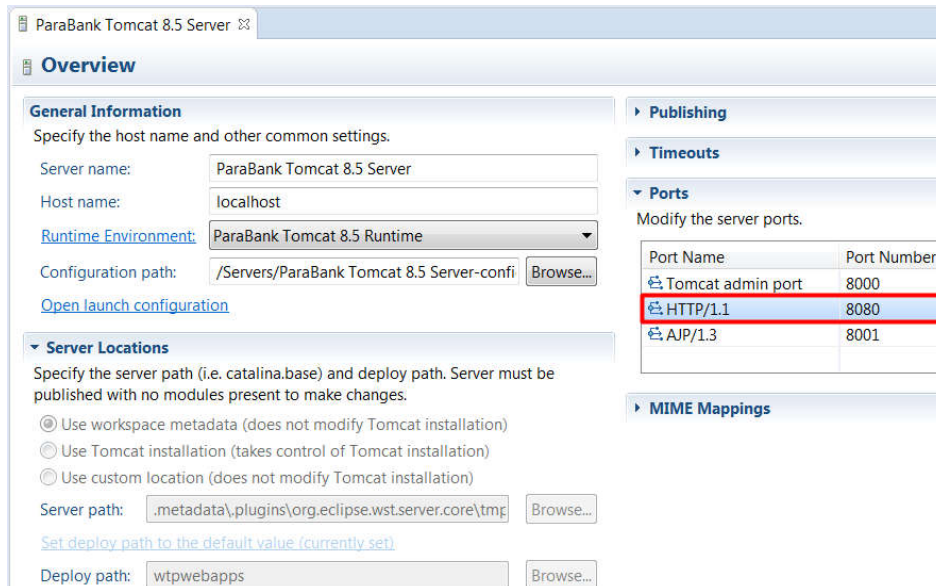

Note the Port Being Used:

When the web application launches, be sure to note what port it is using by double-clicking the **ParaBank Tomcat 8.5 Server**. ParaBank uses port 8080 by default. If port 8080 is already in use, SOAtest/Virtualize incrementally searches for an available port, starting at 8000.
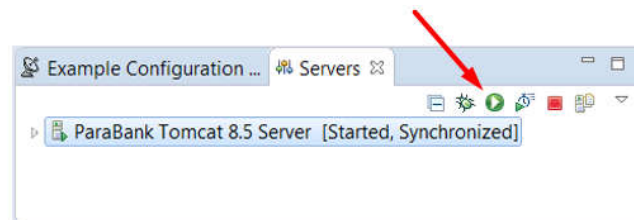
Using a Different Port

You can change the port settings as follows:

1. In the **Servers** view, double-click the **ParaBank Tomcat 8.5 Server** entry. The Overview editor opens.

2. Under **Ports**, change the **HTTP/1.1** entry to a port of your choice.

3. Save your changes.

4. In the **Servers** view, click the **Restart the Server** button**.** ParaBank will restart.

Troubleshooting ParaBank

If the browser displays a 404 Error message even if the console reports that the server started properly—you may need to change your port as shown above or clean the workspace as follows:
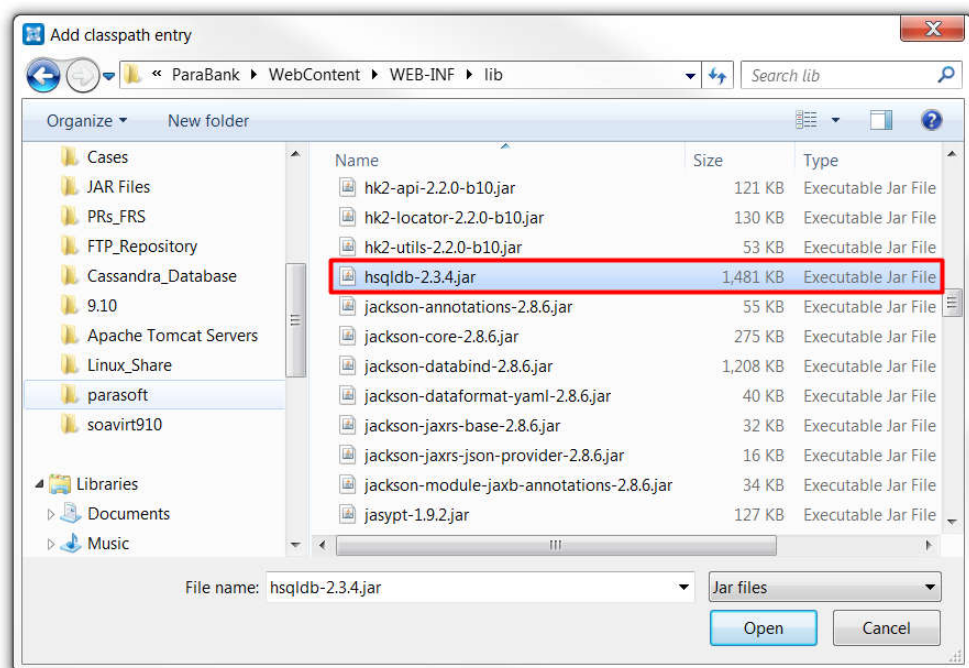
1. Open the **Servers** view.

2. Stop the Server if it is not stopped already.

3. Right-click the **ParaBank Tomcat** server, then choose **Clean**.

4. Restart the **ParaBank Tomcat** server (right-click it, then choose **Restart**).

SOAtest/Virtualize Configuration for ParaBank

To configure the tool for ParaBank tests:

    1. Add the JDBC driver to the tool's JDBC Driver preferences as follows:

        a. Choose **Parasoft> Preferences**, then open **Parasoft > JDBC Drivers**.

        b. Click **New**.

        c. Navigate to your ParaBank project within your workspace

        d. Locate hsqldb-<version>.jar found in the following directory or simply search for "hsqldb" in the search bar:

`<WORKSPACE>/<PARABANK_PROJECT>/WebContent/WEB-INF/lib/`

        e. click **Open**.

        f. Click **OK** and apply the changes.