

Beehive Sample: Page Flow Samples

Table of contents

1 Introduction.....	2
2 Running the Samples on Tomcat 5.....	2
2.1 To Set up the Environment.....	2
2.2 To Copy the Application to a Project Folder (Optional Step).....	2
2.3 Edit the build.properties File.....	3
2.4 To Compile the Page Flow Samples Application.....	3
2.5 To Start Tomcat.....	4
2.6 To Deploy to Tomcat.....	4
2.7 Running.....	4

1. Introduction

These samples show individual Page Flow features, including:

- Data validation
- Data grids
- Link trees
- Popup windows

2. Running the Samples on Tomcat 5

The following explains how to run the samples on Tomcat 5. The sample will run on other web containers, but we have chosen Tomcat 5 for convenience.

2.1. To Set up the Environment

Before proceeding, complete all of the necessary and optional steps in the following topic:
[Beehive Installation and Setup](#)

Open a command shell and confirm that you have set following variables:

- ANT_HOME
- JAVA_HOME
- CATALINA_HOME

Also ensure that the following elements are on your PATH:

- ANT_HOME/bin
- JAVA_HOME/bin

2.2. To Copy the Application to a Project Folder (Optional Step)

To keep your Beehive distribution directory pristine, you should copy the <BeehiveRoot>/samples/netui-samples folder to another location before proceeding.

Note:

<BeehiveRoot> refers to the top-level directory of your Beehive installation. A typical value for <BeehiveRoot> would be C:/apache/apache-beehive-1.0.

The following instructions assume that you have copied the folder netui-samples into the directory C:/beehive_projects, resulting in the following directory structure.

```
C:
  beehive_projects
```

Beehive Sample: Page Flow Samples

netui-samples

Note:

Strictly speaking, you do not need to copy the netui-samples directory to another location. If you wish to leave the netui-samples directory in place, in the instructions below you must replace occurrences of the path element C:\beehive_projects with this path element: <BeehiveRoot>\samples.

For example, to build the sample, run the following Ant command:

```
ant -f <BeehiveRoot>\samples\netui-samples\src\WEB-INF\build.xml clean build war
```

To delete the sample's build directory, run the clean target:

```
ant -f <BeehiveRoot>\samples\netui-samples\src\WEB-INF\build.xml clean
```

2.3. Edit the build.properties File

In this section you will edit the build.properties file--the file that sets the build-related properties for your web application.

Open the file

C:\beehive_projects\netui-samples\WEB-INF\src\build.properties
in a text editor.

Edit the file so that the beehive.home property points to the top-level folder of your beehive installation. For example, if your beehive installation resides at

C:\apache\apache-beehive-1.0, then your build.properties file would appear as follows.

```
beehive.home=C:/apache/apache-beehive-1.0
```

```
servlet-api.jar=${os.CATALINA_HOME}/common/lib/servlet-api.jar
```

```
jsp-api.jar=${os.CATALINA_HOME}/common/lib/jsp-api.jar
```

```
context.path=netui-samples
```

Note:

Windows users must use forwardslashes (/) not backslashes (\) in the build.properties file.

2.4. To Compile the Page Flow Samples Application

To compile the page flow samples app, enter the following Ant command:

```
ant
-f C:\beehive_projects\netui-samples\WEB-INF\src\build.xml
clean
build
war
```

Copy and Paste version:

```
ant -f C:\beehive_projects\netui-samples\WEB-INF\src\build.xml clean build war
```

2.5. To Start Tomcat

To start Tomcat, run the following command:

```
%CATALINA_HOME%\bin\startup.bat
```

2.6. To Deploy to Tomcat

To deploy the samples, copy the WAR file to Tomcat's webapps directory.

```
copy C:\beehive_projects\netui-samples.war %CATALINA_HOME%\webapps /Y
```

2.7. Running

To browse the various feature samples: visit the following link in a browser:

<http://localhost:8080/netui-samples>

Java, J2EE, and JCP are trademarks or registered trademarks of Sun Microsystems, Inc. in the United States and other countries.

© 2004, Apache Software Foundation