

Control Project Template

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1. Introduction

Use the "blank" Control sample (located at `<BeehiveRoot>/samples/controls-blank`) as a template for building your own Control projects.

The template contains a basic 'Hello World' control to get you started. Control projects can be archived in a JAR file and then imported into multiple applications. Simply import the JAR archive into the application's WEB-INF/lib directory.

2. Using the Control Project Template

The following instruction assume that you have completed the basic Beehive set up procedure at [Set Up the Dev Environment](#) (`../setup.html`) .

To use the template, copy the contents of `<BeehiveRoot>/samples/controls-blank` into your project folder (referred to as `<Project-Folder>` below). (Or copy `controls-blank` to another location and rename it as `<Project-Folder>`.) An Ant build file is included in the template, which will compile your control project into a distributable JAR file. After you have copied the contents of `controls-blank` into your project folder, the following directory structure should exist:

```
<Project-Folder>
  src
  build.xml
```

The following Ant command will compile the control template.

```
ant -f <Path-to-Project-Folder>\build.xml build
```

This will produce a distributable JAR file at:
`<Project-Folder>/build/mycontrols.jar`.

To use the JAR in your other projects (like a web app project or a web service project), copy `mycontrols.jar` into the project's WEB-INF/lib directory.

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