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Documentation

## Spring MVC Portlet

The Spring MVC portlet provides a way to add various different fields into the database and display them in a table. This project is a Spring MVC based portlet WAR that implements the same functionality as the `apps/service-builder/basic-web` sample project. It manages JSP pages for display, uses a Spring-annotated portlet class, and invokes the `apps/service-builder/basic-api` module to call services.

**Note:** If you're planning to package this sample using Maven, you must complete a few additional steps to avoid build errors. This sample relies on the `service-builder/basic-api` module. Since the `basic-api` bundle is not available on Liferay's CDN repo or Maven Central, this sample can not reference it, resulting in build failures.

To satisfy this dependency, you must install the




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Now you can build this sample successfully.

Spring MVC

Spring MVC

Welcome to The Blade Spring MVC Sample Service Builder Portlet

Add

| ID    | field1 | field2 | field3 | field4         | field5           |  |
|-------|--------|--------|--------|----------------|------------------|--|
| 31304 | Test   | true   | 2      | 40 Minutes Ago | This is an Entry |  |

Figure 1: Click \*Add\* and fill out the sample fields to generate a custom entry in the portlet's table.

Unlike the `service-builder/basic-web` module, Spring MVC portlets must be delivered as portlet WAR projects. This project builds to a WAR file but leverages all of the Liferay Workspace tools and Gradle to build the WAR. You must build and deploy the `service-builder/basic-api` and `service-builder/basic-service` modules for this sample to work properly. For more information on using Spring MVC portlets in Liferay DXP, visit the [Spring MVC](#) tutorial



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To satisfy this dependency, you must install the bundle dependency to your local `~/.m2 repo`, along with the parent BND plugin and root Maven project. Here are the steps to accomplish this:

1. Run `mvn clean install` on `maven/apps/service-builder/basic-api`.
2. Run `mvn clean install` on `maven/parent.bnd.bundle.plugin`.
3. Run `mvn clean install -N` in the root `liferay-blade-samples/maven` folder.

Now you can build this sample successfully.

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the [Spring MVC](#) tutorial.

## What API(s) and/or code components does this sample highlight?

This sample demonstrates a Liferay DXP portlet built using the [Spring Web MVC framework](#).

## How does this sample leverage the API(s) and/or code component?

You can easily modify this sample by customizing its `SpringMVCPortletViewController` Java class or any of its JSPs stored in the `src/main/webapp/WEB-INF/jsp` folder. For more information on customizing this sample, see the Javadoc listed in this sample's `SpringMVCPortletViewController` Java class.




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