

RESTful WebServices

IntelliJ IDEA provides facilities for easy and effective creation, debugging, and testing of [RESTful Web Services](#). Development of RESTful Web Services is supported via the *WebServices* bundled plugin, which is by default enabled. If not, activate it in the [Plugins](#) page of the [Settings](#) dialog box.

Because [RESTful Web services](#) can be of various types, there is no definite workflow to develop them. In this section we will outline some specific tasks that can be performed when developing an application with REST support in IntelliJ IDEA.

The REpresentational State Transfer (REST) specification [JSR-311 version 1.0](#) and [Jersey reference implementation](#) are supported.

To develop a RESTful Web service

- Start [creating a Java module](#) and [enable REST support in it](#).
- Populate the RESTful Web service module with the necessary classes and methods, possibly using the [generated sample class](#).
- Configure the [artifacts](#) to deploy.
- [Create a run configuration](#). On the **Deployment** tab, specify the artifacts to deploy.
- Deploy the Web service on an HTTP server and start the server.

If you are using the sample service created with the module, choose **Run | Run** or press **Shift+F10**. IntelliJ IDEA creates a local HTTP server, starts it, whereupon deploys and runs the Web service.

- [Run](#) the application locally or on a remote host.
- [Test the RESTful Web service](#).

See Also

Procedures:

- [Web Services](#)

Reference:

- [REST Client Tool Window](#)

External Links:

- http://www.ics.uci.edu/~fielding/pubs/dissertation/rest_arch_style.htm

Web Resources:

- [Developer Community](#)