

# Generating Call to Web Service

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IntelliJ IDEA provides coding assistance in developing client calls to Web services, both [strictly typed and loosely typed](#). Coding assistance for [calls to strongly typed](#) Web services is Web service interface- and data type- specific and is based on the [XML-Java binding generated](#) from the WSDL descriptor.

For will also help you generate [calls to loosely typed](#) Apache Axis or XFire Web services. In this case, the basic Web service client coding assistance is provided through the [dedicated facet](#).

## To have a call to a strongly typed web service generated

1. Open the client code in the editor and position the cursor where the call should be generated.
2. Choose **Tools | WebServices | WebServices Client Code** on the main menu or **WebServices | WebServices Client Code** on the context menu.
3. From the context menu that opens select the relevant option depending on the type of the target Web service. The available options are:
  - **Generate WS Call for Axis**
  - **Generate WS Call for Axis2**
  - **Generate WS Call for JAX-WS RI/GlassFish/JWSDP**
  - **Generate WS Call for XFire**
  - **Generate WS Call for JAXRPC**
  - **Generate WS Call for WebSphere**
4. Complete the generated invocation code stub by providing the relevant data in the template input fields, using [suggestion lists](#) and intention actions, where applicable. The active input field is highlighted with a red frame.

The contents of the suggestion lists are determined by the Java classes generated from the WSDL descriptor.

## To have a call to a loosely typed web service generated

1. Open the client code in the editor and position the cursor where the call should be generated.
2. Choose **Tools | WebServices | WebServices Client Code** on the main menu or **WebServices | WebServices Client Code** on the context menu.
3. From the context menu that opens select the relevant option depending on the type of the target Web service. The available options are:
  - **Generate WS Untyped Call for Axis**
  - **Generate WS Untyped Call for XFire**
4. Complete the generated invocation code stub by providing the relevant data in the template input fields, using [suggestion lists](#) and intention actions, where applicable. The active input field is highlighted with a red frame.

The contents of the suggestion lists are determined by the libraries provided through the [dedicated facet](#).

## See Also

Procedures:

- [Generating Client-Side XML-Java Binding](#)
- [XML-Java Binding](#)
- [Generating Code](#)
- [Auto-Completing Code](#)
- [Enabling Web Service Client Development Support](#)
- [Web Service Clients](#)

**Web Resources:**

- [Developer Community](#) 