

NAME

wsimport – Generates JAX-WS portable artifacts that can be packaged in a web application archive (WAR) file and provides an Ant task.

SYNOPSIS

wsimport [*options*] *wsdl*

options The command-line options. See Options.

wsdl The file that contains the machine-readable description of how the web service can be called, what parameters it expects, and what data structures it returns.

DESCRIPTION

The **wsimport** command generates the following JAX-WS portable artifacts. These artifacts can be packaged in a WAR file with the WSDL and schema documents and the endpoint implementation to be deployed. The **wsimport** command also provides a **wsimport** Ant task, see the Tools tab of the Wsimport Ant Task page at <http://jax-ws.java.net/nonav/2.1.1/docs/wsimportant.html>

- Service Endpoint Interface (SEI)
- Service
- Exception class is mapped from **wsdl:fault** (if any)
- Async Response Bean is derived from response **wsdl:message** (if any)
- JAXB generated value types (mapped java classes from schema types)

To start the **wsgen** command, do the following:

Oracle Solaris/Linux:

/bin/wsimport.sh -help

Windows:

\bin\wsimport.bat -help

OPTIONS

-d *directory*

Specifies where to place generated output files.

-b *path*

Specifies external JAX-WS or JAXB binding files. Multiple JAX-WS and JAXB binding files can be specified with the **-b** option. You can use these files to customize package names, bean names, and so on. For more information about JAX-WS and JAXB binding files, see the *Users Guide* tab of WSDL Customization at <http://jax-ws.java.net/nonav/2.1.1/docs/wsimportant.html>

-B *jaxbOption*

Passes the **jaxbOption** option to the JAXB schema compiler.

-catalog

Specifies a catalog file to resolve external entity references. The **-catalog** option supports the TR9401, XCatalog, and OASIS XML Catalog formats. See the *Users Guide* tab of the Catalog Support page at <http://jax-ws.java.net/nonav/2.1.1/docs/catalog-support.html>

-extension

Allows vendor extensions. Use of extensions can result in applications that are not portable or that do not work with other implementations.

-help

Displays a help message for the **wsimport** command.

- httpproxy: *host:port*
Specifies an HTTP proxy server. The default is 8080.
- keep
Keeps generated files.
- p *name*
Specifies a target package *name* to override the WSDL and schema binding customizations, and the default algorithm defined in the specification.
- s *directory*
Specifies where to place generated source files.
- verbose
Displays compiler messages.
- version
Prints release information.
- wsdllocation *location*
Specifies the `@WebServiceClient.wsdlLocation` value.
- target
Generates code according to the specified JAX-WS specification version. Version 2.0 generates compliant code for the JAX-WS 2.0 specification.
- quiet
Suppresses the **wsimport** command output.

Multiple **JAX-WS** and **JAXB** binding files can be specified using the **-b** option, and they can be used to customize various things such as package names and bean names. More information about **JAX-WS** and **JAXB** binding files can be found in the customization documentation at <https://jax-ws.dev.java.net/nonav/2.1.1/docs/customizations.html>

NONSTANDARD OPTIONS

- XadditionalHeaders
Maps headers not bound to a request or response message to Java method parameters.
- Xauthfile *file*
The WSDL URI that specifies the file that contains authorization information. This URI is in the following format:

`http://user-name:password@host-name/web-service-name?wsdl.`
- Xdebug
Prints debugging information.
- Xno-addressing-databinding
Enables binding of W3C EndpointReferenceType to Java.
- Xnocompile
Does not compile the generated Java files.

EXAMPLE

The following example generates the Java artifacts and compiles the artifacts by importing **`http://stockquote.example.com/quote?wsdl`**

```
wsimport -p stockquote http://stockquote.example.com/quote?wsdl
```

SEE ALSO

- `wsgen(1)`
- The Tools tab of Wsimport Ant Task page <http://jax-ws.java.net/nonav/2.1.1/docs/wsimportant.html>

- The *Users Guide* tab of Catalog Support page <http://jax-ws.java.net/nonav/2.1.1/docs/catalog-support.html>
- The *Users Guide* tab of WSDL Customization page <http://jax-ws.java.net/nonav/2.1.1/docs/wsimportant.html>

