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