

Explanation of Target Commands Used in build.xml

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1. Introduction:

This document provides a description of each of the commands used in the build.xml file. Also provided is a build.properties file where users can initialize all the arguments for the various ANT target commands. Users can, if they so desire, also override the modified default parameters (contained in the build.properties) while running the individual target commands.

Listed below is the list of variables in the build.properties file. For each such variable we have include a description of the information encapsulated within these variables and their current default values. It is expected that the users will modify the values associated with these properties to suit their execution environment.

omii.catalina.home – Holds the location of wse root directory on OMII Container installed machine. Typically this directory will be inside OMII installed directory.

omii.catalina.home=/usr/local/OMII/jakarta-tomcat-5.0.25

omiitomcat – Holds the Tomcat home directory. In this case it is Tomcat inside the OMII container. This variable is same as Catalina home variable but defined exclusively for Tomcat to execute Start and Stop commands from terminal

omiitomcat=/usr/local/OMII/jakarta-tomcat-5.0.25/

omiiwse – Holds the tomcat installed directory. In this case it is tomcat inside the OMII container

omiiwse=/usr/local/OMII/webservices/wse

wse.source.hostname – Holds the value of Source host name. You have to change the value to your local machine. This variable is used while running WSE on the Filter Pipeline.

wse.source.hostname=mountain.ucs.indiana.edu

wse.source.port – Holds the TCP port number for the Source running on Filter Pipeline.

wse.source.port=19000

wse.source.address – Holds the Source running on port 19000 on FilterPipeline.

wse.source.address=tcp://mountain.ucs.indiana.edu:19000

wse.submanager.address –Holds the Subscription Manager running on port 20000 on FilterPipeline.

wse.submanager.address=tcp://mountain.ucs.indiana.edu:20000

wse.submanager.hostname –Holds the value of Subscription Manager host name. You have to change the value to your local machine. This variable is used while running WSE on the Filter Pipeline.

wse.submanager.hostname=mountain.ucs.indiana.edu

wse.submanager.port –Holds the Subscription Manager TCP Port Number running on FilterPipeline.

wse.submanager.port=20000

wse.sink.hostname —Holds the value of Sink host name. You have to change the value to your local machine. This variable is used while running WSE on the Filter Pipeline.

wse.sink.hostname=mountain.ucs.indiana.edu

wse.sink.port —Holds the Sink TCP port number running on the FilterPipeline.

wse.sink.port=21000

wse.sink.address —Holds the Sink running on port 21000 on FilterPipeline.

wse.sink.address=tcp://mountain.ucs.indiana.edu:21000

wse.sink2.hostname —Holds the value of Sink2 host name. You have to change the value to your local machine. This variable is used while running WSE on the Filter Pipeline.

wse.sink2.hostname=mountain.ucs.indiana.edu

wse.sink2.port —Holds the Sink2 port number running on FilterPipeline.

wse.sink2.port=22000

wse.sink2.address —Holds the Sink2 running on port 22000 on FilterPipeline

wse.sink2.address=tcp://mountain.ucs.indiana.edu:22000

wse.sink.axisadmin —Holds the admin service URL for the Sink running on OMII Container.

wse.sink.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wse.sink.deploy.wsddfile —Holds the Sink Deployment Descriptor file name and location.

wse.sink.deploy.wsddfile=config/wse/eventingSink.wsdd

wse.sink.undeploy.wsddfile —Holds the Sink Undeployment Descriptor file name and location.

wse.sink.undeploy.wsddfile=config/wse/undeploySink.wsdd

wse.source.axisadmin —Holds the admin service URL for the Source running on OMII Container.

wse.source.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wse.source.deploy.wsddfile —Holds the Source Deployment Descriptor file name and location.

wse.source.deploy.wsddfile=config/wse/eventingSource.wsdd

wse.source.undeploy.wsddfile —Holds the Source Undeployment Descriptor file name and location.

wse.source.undeploy.wsddfile=config/wse/undeploySource.wsdd

wse.sm.axisadmin —Holds the admin service URL for the Subscription Manager running on OMII Container.

wse.sm.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wse.sm.deploy.wsddfile —Holds the Subscription Manager Deployment Descriptor file name and location.

wse.sm.deploy.wsddfile=config/wse/eventingSM.wsdd

wse.sm.undeploy.wsddfile —Holds the Subscription Manager Undeployment Descriptor file name and location.

wse.sm.undeploy.wsddfile=config/wse/undeploySM.wsdd

wse.soapmonitor.axisadmin —Holds the admin service URL for SOAPMonitor service running on OMII Container.

wse.soapmonitor.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wse.smmonitor.deploy.wsddfile —Holds the SOAPMonitor service Deployment Descriptor file name and location.

wse.smmonitor.deploy.wsddfile=config/wse/deploy-monitor.wsdd

wse.soapmonitor.undeploy.wsddfile —Holds the SOAPMonitor service Undeployment Descriptor file name and location.

wse.soapmonitor.undeploy.wsddfile=config/wse/undeploySoapMonitor.wsdd

wse.sinkproxy.axisadmin —Holds the admin service URL for the Sink Proxy Service running on OMII Container.

wse.sinkproxy.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wse.sinkproxy.deploy.wsddfile —Holds the Sink Proxy Service Deployment Descriptor file name and location.

wse.sinkproxy.deploy.wsddfile=config/wse/eventingSinkProxy.wsdd

wse.sinkproxy.undeploy.wsddfile —Holds the Sink Proxy Service Undeployment Descriptor file name and location.

wse.sinkproxy.undeploy.wsddfile=config/wse/undeploySinkProxy.wsdd

wse.smproxy.axisadmin variable —Holds the admin service URL for the Subscription Manager Proxy Service running on OMII Container.

wse.smproxy.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wse.smproxy.deploy.wsddfile —Holds the Subscription Manager Proxy Service Deployment Descriptor file name and location.

wse.smproxy.deploy.wsddfile=config/wse/eventingSMProxy.wsdd

wse.smproxy.undeploy.wsddfile —Holds the Subscription Manager Proxy Service Undeployment Descriptor file name and location.

wse.smproxy.undeploy.wsddfile=config/wse/undeploySMProxy.wsdd

wse.sourceproxy.axisadmin —Holds the admin service URL for the Source Proxy service running on OMII Container

wse.sourceproxy.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wse.sourceproxy.deploy.wsddfile —Holds the Source Proxy service Deployment Descriptor file name and location.

wse.sourceproxy.deploy.wsddfile=config/wse/eventingSourceProxy.wsdd

wse.sourceproxy.undeploy.wsddfile —Holds the Source Proxy service Undeployment Descriptor file name and location.

wse.sourceproxy.undeploy.wsddfile=config/wse/undeploySourceProxy.wsdd

wse.servlet.url —Holds the Axis Servlet URL.

wse.servlet.url=-http://localhost:18080/axis/servlet/AxisServlet

wse.webservice.sink —Holds the Sink Web Service name.

wse.webservice.sink=WseSink

wse.webservice.source —Holds the Source Web Service name.

wse.webservice.source=WseSource

wse.webservice.sm —Holds the Subscription Manager Web Service name.

wse.webservice.sm=WseSM

wse.webservice.sinkproxy —Holds the Sink ProxyWeb Service name.

wse.webservice.sinkproxy=WseSinkProxy

wse.webservice.sourceproxy —Holds the Source proxy Web Service name.

wse.webservice.sourceproxy=WseSourceProxy

wse.webservice.smpoxy —Holds the Subscription manager proxy Web Service name.

wse.webservice.smpoxy=WseSMPoxy

wse.webservice.soapmonitor —Holds the SOAPMonitor Web Service name.

wse.webservice.soapmonitor=SOAPMonitorService

prepare: Creates classes directory under current directory structure

Usage: \$ant prepare

compile: Compiles all files under the src folder and copies all the class files to classes folder by preserving the same directory structure. It also creates NbWebInfra.jar file and puts under lib directory.

Usage: \$ant

client-dir: Creates client directory from base directory structure.

Usage: \$ant client-dir

server-dir: Creates server directory from base directory structure.

Usage: \$ant server-dir

ServerWar: Builds wse.war file for server distribution

Usage: \$ant ServerWar

build-server: Creates server distribution.

Usage: \$ant build-server

build-client: Creates client distribution

Usage: \$ant build-client

build-all: Creates client and server distribution

Usage: \$ant build-all

start: Starts tomcat server.
Usage: \$ant start

stop: Stops tomcat server.
Usage: \$ant stop

release: Echoed a message"
WS-Eventing Release: Aug-2004 <http://www-128.ibm.com/developerworks/webservices/library/specification/ws-eventing/>" to standard output
Usage: \$ant release

jar: Creates a jar file called NbWebInfra.jar from all the files of classes' folder and put it into lib folder
Usage: \$ant jar

build-doc: Generates java doc
Usage: \$ant build-doc

clean: Cleans all generated class files and documentation.
Usage: \$ant clean

test: Run JUnit tests for cgl.narada.wsinfra.util, cgl.narada.wsinfra.wsa.impl and cgl.narada.wsinfra.wse.impl package.
Usage: \$ant test

2. Targets required for OMII deployment and testing

wse-version: Displays Web Services-Eventing info on OMII
Usage: \$ant wse-version

deploywse-omiitomcat: Copies all jar, classes, configuration Files required for deployment of web services within OMII Tomcat Instance.
Usage: \$ant deploywse-omiitomcat

undeploywse-omiitomcat: Deletes all jar, classes and configuration files previously copied for deployment of web services within OMII container.
Usage: \$ant undeploywse-omiitomcat

deploy-sink: Deploys sink service on OMII Container running on port 18080
Usage: \$ ant deploy-sink -Dwse.sink.axisadmin=http://localhost:18080/axis/services/AdminService -Dwse.sink.deploy.wsddfile=config/wse/eventingSink.wsdd

test-sink: Test the deployed Sink web service on OMII Container running on port 18080
Usage: \$ ant test-sink -Dwse.servlet.url=http://localhost:18080/axis/servlet/AxisServlet -Dwse.webservice.sink=WseSink

undeploy-sink: Undeploys sink service from OMII Container running on port 18080

Usage: \$ ant undeploy-sink -Dwse.sink.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwse.sink.undeploy.wsddfile=config/wse/undeploySink.wsdd

deploy-sm: Deploys SM service on OMII Container running on port 18080

Usage: \$ ant deploy-sm -Dwse.sm.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwse.sm.deploy.wsddfile=config/wse/eventingSM.wsdd

test-sm: Test the deployed Subscription Manager web service on OMII Container running on port 18080

Usage: \$ ant test-sm -Dwse.servlet.url=http://localhost:18080/axis/servlet/AxisServlet -
 Dwse.webservice.sm=WseSM

undeploy-sm: Undeploys SM service from OMII Container running on port 18080

Usage: \$ ant undeploy-sm -Dwse.sm.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwse.sm.undeploy.wsddfile=config/wse/undeploySM.wsdd

deploy-source: Deploys source service on OMII Container running on port 18080

Usage: \$ ant deploy-source -Dwse.source.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwse.source.deploy.wsddfile=config/wse/eventingSource.wsdd

test-source: Test the deployed Source web service on OMII Container running on port 18080

Usage: \$ ant test-source -Dwse.servlet.url=http://localhost:18080/axis/servlet/AxisServlet -
 Dwse.webservice.source=WseSource

undeploy-source: Undeploys source service from OMII Container running on port 18080

Usage: \$ ant undeploy-source -Dwse.source.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwse.source.undeploy.wsddfile=config/wse/undeploySource.wsdd

deploy-soapmonitor: Deploys soapmonitor service on OMII Container

Usage: \$ ant deploy-soapmonitor -Dwse.soapmonitor.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwse.soapmonitor.deploy.wsddfile=config/wse/deploy-monitor.wsdd

test-soapmonitor: Test the deployed SOAP Monitor service on OMII Container running on port 18080

Usage: \$ ant test-soapmonitor -Dwse.servlet.url=http://localhost:18080/axis/servlet/AxisServlet
 -Dwse.webservice.soapmonitor=SOAPMonitorService

undeploy-soapmonitor: Undeploys soapmonitor service from OMII Container

Usage: \$ ant undeploy-soapmonitor -Dwse.soapmonitor.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwse.soapmonitor.undeploy.wsddfile=config/wse/undeploySoapMonitor.wsdd

deploy-sinkproxy: Deploys sink proxy service on OMII Container running on port 18080

Usage: \$ ant deploy-sinkproxy -Dwse.sinkproxy.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwse.sinkproxy.deploy.wsddfile=config/wse/eventingSinkProxy.wsdd

test-sinkproxy: Test the deployed Sink Proxy web service on OMII Container running on port 18080

Usage: \$ ant test-sinkproxy -Dwse.servlet.url=http://localhost:18080/axis/servlet/AxisServlet -Dwse.webservice.sinkproxy=WseSinkProxy

undeploy-sinkproxy: Undeploys sink proxy service from OMII Container running on port 18080

Usage: \$ ant undeploy-sinkproxy -Dwse.sinkproxy.axisadmin=-lhttp://localhost:18080/axis/services/AdminService -Dwse.sinkproxy.undeploy.wsddfile=config/wse/undeploySinkProxy.wsdd

deploy-smproxy: Deploys sm proxy service on OMII Container running on port 18080

Usage: \$ ant deploy-smproxy -Dwse.smproxy.axisadmin=-lhttp://localhost:18080/axis/services/AdminService -Dwse.smproxy.deploy.wsddfile=config/wse/eventingSMProxy.wsdd

test-smproxy: Test the deployed Subscription Manager Proxy web service on OMII Container running on port 18080

Usage: \$ ant test-smproxy -Dwse.servlet.url=http://localhost:18080/axis/servlet/AxisServlet -Dwse.webservice.smproxy=WseSMProxy

undeploy-smproxy: Undeploys SM proxy service from OMII Container running on port 18080

Usage: \$ ant undeploy-smproxy -Dwse.smproxy.axisadmin=-lhttp://localhost:18080/axis/services/AdminService -Dwse.smproxy.undeploy.wsddfile=config/wse/undeploySMProxy.wsdd

deploy-sourceproxy: Deploys source service on OMII Container running on port 18080

Usage: \$ ant deploy-sourceproxy -Dwse.sourceproxy.axisadmin=-lhttp://localhost:18080/axis/services/AdminService -Dwse.sourceproxy.deploy.wsddfile=config/wse/eventingSourceProxy.wsdd

test-sourceproxy: Test the deployed Source Proxy web service on OMII Container running on port 18080

Usage: \$ ant test-sourceproxy -Dwse.servlet.url=-lhttp://localhost:18080/axis/servlet/AxisServlet -Dwse.webservice.sourceproxy=WseSourceProxy

undeploy-sourceproxy: Deploys source proxy service from OMII Container running on port 18080

Usage: \$ ant undeploy-sourceproxy -Dwse.sourceproxy.axisadmin=-lhttp://localhost:18080/axis/services/AdminService -Dwse.sourceproxy.undeploy.wsddfile=config/wse/undeploySourceProxy.wsdd

wseaxis-source: Runs source service client endpoint

Usage: \$ant wseaxis-source

wseaxis-sink: Runs sink service client endpoint

Usage: \$ant wseaxis-sink

wseaxis-sourceframe: Runs source service client endpoint as a Frame

Usage: \$ant wseaxis-sourceframe

wseaxis-sinkframe: Runs sink service client endpoint as a frame

Usage: \$ant wseaxis-sinkframe

wseaxis-sourceproxy: Runs source proxy service client

Usage: \$ant wseaxis-sourceproxy

wseaxis-sinkproxy: Runs sink proxy service client

Usage: \$ant wseaxis-sinkproxy

3. Targets required to test using Filter Pipeline

wse-source: Starts source service end point.

Usage: \$ ant wse-source -Dwse.source.hostname=mountain.ucs.indiana.edu -
Dwse.source.port=19000 -Dwse.submanager.address=tcp://mountain.ucs.indiana.edu:20000

wse-sm: Starts subscription manager service end point.

Usage: \$ ant wse-sm -Dwse.submanager.hostname=mountain.ucs.indiana.edu -
Dwse.submanager.port=20000

wse-sink: Starts first sink service end point.

Usage: \$ ant wse-sink -Dwse.sink.hostname=mountain.ucs.indiana.edu -Dwse.sink.port=21000 -
Dwse.source.address=tcp://mountain.ucs.indiana.edu:19000

wse-sink2: Starts second sink service end point.

Usage: \$ ant wse-sink2 -Dwse.sink2.hostname=mountain.ucs.indiana.edu -
Dwse.sink2.port=22000 -Dwse.source.address=tcp://mountain.ucs.indiana.edu:19000