

FIRMS-Explanation of Target Commands Used in the Server build.xml

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1. Introduction:

This document provides a description of each of the commands used in the server 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 server 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 Tomcat home directory. In this case it is Tomcat within the OMII container.

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

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

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

firms.home = Holds the FIRMS root directory. In this case it is tomcat within the OMII container
firms.home=.

#WSR

wsr.serviceA.axisadmin =Holds the admin service URL for the Service A running within OMII Container.

wsr.serviceA.axisadmin = -lhttp://localhost:18080/axis/services/AdminService

wsr.serviceA.deploy.wsddfile = Holds the ServiceA Deployment Descriptor file name and location.

wsr.serviceA.deploy.wsddfile=config/wsr/ServiceADeploy.wsdd

wsr.serviceA.undeploy.wsddfile = Holds the ServiceA Undeployment Descriptor file name and location.

wsr.serviceA.undeploy.wsddfile=config/wsr/ServiceAUndeploy.wsdd

wsr.serviceB.axisadmin =Holds the admin service URL for the Service B running within OMII Container.

wsr.serviceB.axisadmin = -lhttp://localhost:18080/axis/services/AdminService

wsr.serviceB.deploy.wsddfile = Holds the Service B Deployment Descriptor file name and location.

wsr.serviceB.deploy.wsddfile=config/wsr/ServiceBDeploy.wsdd

wsr.serviceB.undeploy.wsddfile – Holds the Service B Undeployment Descriptor file name and location.

wsr.serviceB.undeploy.wsddfile=config/wsr/ServiceBUndeploy.wsdd

wsr.ts.axisadmin = Holds the admin service URL for the Target running within OMII Container.

wsr.ts.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wsr.ts.deploy.wsddfile = Holds the target Deployment Descriptor file name and location.

wsr.ts.deploy.wsddfile=config/wsr/reliabilityTS.wsdd

wsr.ts.undeploy.wsddfile = Holds the target Undeployment Descriptor file name and location.

wsr.ts.undeploy.wsddfile=config/wsr/undeployTS.wsdd

wsr.proxy.axisadmin = Holds the admin service URL for the Proxy Service running within OMII Container.

wsr.proxy.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wsr.proxy.deploy.wsddfile = Holds the Proxy Service Deployment Descriptor file name and location.

wsr.proxy.deploy.wsddfile=config/wsr/DeployProxy.wsdd

wsr.proxy.undeploy.wsddfile = Holds the Proxy Service Undeployment Descriptor file name and location.

wsr.proxy.undeploy.wsddfile=config/wsr/UndeployProxy.wsdd

wsr.tsproxy.axisadmin = Holds the admin service URL for the Target Proxy Service running within OMII Container.

wsr.tsproxy.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wsr.tsproxy.deploy.wsddfile = Holds the Target Proxy Service Deployment Descriptor file name and location.

wsr.tsproxy.deploy.wsddfile=config/wsr/reliabilityTSProxy.wsdd

wsr.tsproxy.undeploy.wsddfile = Holds the Target Proxy Service Undeployment Descriptor file name and location.

wsr.tsproxy.undeploy.wsddfile=config/wsr/undeployTSProxy.wsdd

wsr.servlet.url = Holds the Axis Servlet URL.

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

wsr.webservice.serviceA = Holds the Service A Web Service name.

wsr.webservice.serviceA=WsrServiceA

wsr.webservice.serviceB = Holds the Service B Web Service name.

wsr.webservice.serviceB =WsrServiceB

wsr.webservice.target = Holds the Target Web Service name.

wsr.webservice.target=WsrTS

wsr.webservice.proxy = Holds the Proxy Web Service name.

wsr.webservice.proxy=WsrProxyService

wsr.webservice.targetproxy = Holds the Target proxy Web Service name.

wsr.webservice.targetproxy=WsrTSProxy

#WSRM

wrm.serviceA.axisadmin – Holds the admin service URL for the Sink running within OMII Container.

wrm.serviceA.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wrm.serviceA.deploy.wsdd – Holds the Sink Deployment Descriptor file name and location.

wrm.serviceA.deploy.wsdd=config/wrm/wsdd/handler/ServiceADeploy.wsdd

wrm.serviceA.undeploy.wsdd – Holds the Sink Undeployment Descriptor file name and location.

wrm.serviceA.undeploy.wsdd=config/wrm/wsdd/handler/ServiceAUndeploy.wsdd

wrm.serviceB.axisadmin – Holds the admin service URL for the Source running within OMII Container.

wrm.serviceB.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wrm.serviceB.deploy.wsdd – Holds the Source Deployment Descriptor file name and location.

wrm.serviceB.deploy.wsdd=config/wsrb/wsdd/handler/ServiceBDeploy.wsdd

wrm.serviceB.undeploy.wsdd – Holds the Source Undeployment Descriptor file name and location.

wrm.serviceB.undeploy.wsdd=config/wrm/wsdd/handler/ServiceBUndeploy.wsdd

wrm.targetservice.axisadmin – Holds the admin service URL for the Target Service running within OMII Container.

wrm.targetservice.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wrm.targetservice.deploy.wsdd – Holds the Target Service Deployment Descriptor file name and location.

wrm.targetservice.deploy.wsdd=config/wrm/wsdd/proxy/TargetServiceDeploy.wsdd

wrm.targetservice.undeploy.wsdd – Holds the Target Service Undeployment Descriptor file name and location.

wrm.targetservice.undeploy.wsdd=config/wrm/wsdd/proxy/TargetServiceUndeploy.wsdd

wrm.proxyserviceB.axisadmin – Holds the admin service URL for the Sink Proxy Service running within OMII Container.

Wrm.proxyserviceB.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wrm.proxyserviceB.deploy.wsdd – Holds the Sink Proxy Service Deployment Descriptor file name and location.

wrm.proxyserviceB.deploy.wsdd=config/wrm/wsdd/proxy/ProxyServiceDeploy.wsdd

wrm.proxyserviceB.undeploy.wsdd – Holds the Sink Proxy Service Undeployment Descriptor file name and location.

wsrn.proxyServiceB.undeploy.wsdd=config/wsrn/wsdd/proxy/ProxyServiceUndeploy.wsdd

wsrn.clientservice.axisadmin – Holds the admin service URL for the Client Service running within OMII Container.

wsrn.clientservice.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wsrn.clientservice.deploy.wsdd – Holds the Client Service Deployment Descriptor file name and location.

wsrn.clientservice.deploy.wsdd=config/wsrn/wsdd/proxy/ClientServiceDeploy.wsdd

wsrn.clientservice.undeploy.wsdd – Holds the Client Service Undeployment Descriptor file name and location.

wsrn.clientservice.undeploy.wsdd=config/wsrn/wsdd/proxy/ClientServiceUndeploy.wsdd

wsrn.proxyServiceA.axisadmin – Holds the admin service URL for the Source Proxy service running within OMII Container

wsrn.proxyServiceA.axisadmin=-lhttp://localhost:18080/axis/services/AdminService

wsrn.proxyServiceA.deploy.wsdd – Holds the Source Proxy service Deployment Descriptor file name and location.

wsrn.proxyServiceA.deploy.wsdd=config/wsrn/wsdd/proxy/ProxyServiceDeploy.wsdd

wsrn.proxyServiceA.undeploy.wsdd – Holds the Source Proxy service Undeployment Descriptor file name and location.

wsrn.proxyServiceA.undeploy.wsdd=config/wsrn/wsdd/proxy/ProxyServiceUndeploy.wsdd

wsrn.servlet.url – Holds the Axis Servlet URL.

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

wsrn.webservice.serviceB – Holds the Sink Web Service name.

wsrn.webservice.serviceB=WsrnServiceB

wsrn.webservice.serviceA – Holds the Source Web Service name.

wsrn.webservice.serviceA=WsrnServiceB

wsrn.webservice.targetservice – Holds the Target Web Service name.

wsrn.webservice.targetservice=WsrnTargetService

wsrn.webservice.proxyService – Holds the Sink & Source Proxy Web Service names on their machines.

wsrn.webservice.proxyService=WsrnProxyService

wsrn.webservice.clientservice – Holds the Client Web Service name.

wsrn.webservice.clientservice=WsrnClientService

#COMMON

soapmonitor.axisadmin = Holds the admin service URL for SOAPMonitor service running within OMII Container.

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

soapmonitor.deploy.wsddfile = Holds the SOAPMonitor service Deployment Descriptor file name and location.

soapmonitor.deploy.wsddfile=config/deploySoapMonitor.wsdd

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

soapmonitor.undeploy.wsddfile=config/undeploySoapMonitor.wsdd

servlet.url = Holds the Axis Servlet URL.

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

webservice.soapmonitor = Holds the SOAPMonitor Web Service name.

webservice.soapmonitor=SOAPMonitorService

compile: Echoed a message "Ant is ready to run server commands "

Usage: \$ant compile

release: Echoed a message "WS-ReliableMessaging Release: <http://msdn.microsoft.com/ws/2005/02/ws-reliablemessaging/> and WS-Reliability Release: Aug-2004 <http://docs.oasis-open.org/wsrn/2004/06/WS-Reliability-CD1.086.pdf> " to standard output

Usage: \$ant release

clean: Deletes generated documentation and classes' folder.

Usage: \$ant clean

2. Targets required for deploying and running FIRMS within OMII container

deploy-firms: Copies all jar, classes, configuration Files required for deployment of FIRMS web services within OMII Tomcat Instance.

Usage: \$ant deploy-firms

undeploy-firms: Deletes all jar, classes and configuration files previously copied for deployment of FIRMS web services within OMII container.

Usage: \$ant undeploy-firms

#WSR

deploy-wsrServiceA: Deploys service A within OMII Container running on port 18080

Usage: \$ ant deploy-wsrServiceA -Dwsr.serviceA.axisadmin=-lhttp://localhost:18080/axis/services/AdminService -Dwsr.serviceA.deploy.wsddfile=config/wsr/ServiceADeploy.wsdd

test-wsrServiceA: Test the deployed service A within OMII Container running on port 18080

Usage: \$ ant test-wsrServiceA -Dwsr.servlet.url=http://localhost:18080/axis/servlet/AxisServlet -Dwsr.webservice.serviceA =WsrServiceA

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

Usage: \$ ant undeploy-wsrServiceA -Dwsr.serviceA.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwsr.serviceA.undeploy.wsddfile=config/wsr/ServiceAUndeploy.wsdd

deploy-wsrServiceB: Deploys service B within OMII Container running on port 18080
Usage: \$ ant deploy-wsrServiceB -Dwsr.serviceB.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwsr.serviceB.deploy.wsddfile=config/wsr/ServiceBDeploy.wsdd

test-wsrServiceB: Test the deployed service B within OMII Container running on port 18080
Usage: \$ ant test-wsrServiceB -
 Dwsr.servlet.url=http://localhost:18080/axis/servlet/AxisServlet -
 Dwsr.webservice.serviceB =WsrServiceB

undeploy-wsrServiceB: Undeploys service B from OMII Container running on port 18080
Usage: \$ ant undeploy-wsrServiceB -Dwsr.serviceB.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwsr.serviceB.undeploy.wsddfile=config/wsr/ServiceBUndeploy.wsdd

deploy-wsrts: Deploys Target service within OMII Container running on port 18080
Usage: \$ ant deploy-wsrts -Dwsr.ts.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwsr.ts.deploy.wsddfile=config/wsr/reliabilityTS.wsdd

test-target: Test the deployed Target web service within OMII Container running on port 18080
Usage: \$ ant test-target -
 Dwsr.servlet.url=http://localhost:18080/axis/servlet/AxisServlet -
 Dwsr.webservice.target=WsrTS

undeploy-wsrts: Undeploys Target service from OMII Container running on port 18080
Usage: \$ ant undeploy-wsrts -Dwsr.ts.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwsr.ts.undeploy.wsddfile=config/wsr/undeployTS.wsdd

deploy-soapmonitor: Deploys soapmonitor service within OMII Container
Usage: \$ ant deploy-soapmonitor -Dsoapmonitor.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dsoapmonitor.deploy.wsddfile=config/deploySoapMonitor.wsdd

test-soapmonitor: Test the deployed SOAP Monitor service within OMII Container running on port 18080
Usage: \$ ant test-soapmonitor -
 Dservlet.url=http://localhost:18080/axis/servlet/AxisServlet -
 Dwebservice.soapmonitor=SOAPMonitorService

undeploy-soapmonitor: Undeploys soapmonitor service from OMII Container running on port 18080
Usage: \$ ant undeploy-soapmonitor -Dsoapmonitor.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dsoapmonitor.undeploy.wsddfile=config/undeploySoapMonitor.wsdd

deploy-wsrproxy: Deploys proxy service within OMII Container running on port 18080

Usage: \$ ant deploy-wsrproxy -Dwsr.proxy.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -Dwsr.
 proxy.deploy.wsddfile=config/wsr/DeployProxy.wsdd

test-proxy: Test the deployed Proxy web service within OMII Container running on port 18080

Usage: \$ ant test-proxy -
 Dwsr.servlet.url=http://localhost:18080/axis/servlet/AxisServlet -
 Dwsr.webservice.proxy=WsrProxyService

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

Usage: \$ ant undeploy-wsrproxy -Dwsr.proxy.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwsr.proxy.undeploy.wsddfile=config/wsr/UndeployProxy.wsdd

deploy-wsrtsproxy: Deploys Target proxy service within OMII Container running on port 18080

Usage: \$ ant deploy-wsrtsproxy -Dwsr.tsproxy.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwsr.tsproxy.deploy.wsddfile=config/wsr/reliabilityTSProxy.wsdd

test-targetproxy: Test the deployed Target Proxy web service within OMII Container running on port 18080

Usage: \$ ant test-targetproxy -
 Dwsr.servlet.url=http://localhost:18080/axis/servlet/AxisServlet -
 Dwsr.webservice.targetproxy=WsrTSProxy

undeploy-wsrtsproxy: Undeploys Target proxy service from OMII Container running on port 18080

Usage: \$ ant undeploy-wsrtsproxy -Dwsr.tsproxy.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwsr.tsproxy.undeploy.wsddfile=config/wsr/undeployTSProxy.wsdd

deploy-serviceA: Deploys serviceA within OMII Container running on port 18080

Usage: \$ ant deploy-serviceA -Dwsrm.serviceA.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwsrm.serviceA.deploy.wsdd=config/wsr/wsdd/handler/ServiceADeploy.wsdd

test-serviceA: Test the deployed Service A web service within OMII Container running on port 18080

Usage: \$ ant test-serviceA -
 Dwsrm.servlet.url=http://localhost:18080/axis/servlet/AxisServlet -
 Dwsrm.webservice.serviceA=WsrServiceA

undeploy-serviceA: Undeploys ServiceA (Source) service from OMII Container running on port 18080

Usage: \$ ant undeploy-serviceA -Dwsrm.serviceA.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwsrm.serviceA.undeploy.wsdd=config/wsr/wsdd/handler/ServiceAUndeploy.wsdd

deploy-serviceB: Deploys service B(Sink) service within OMII Container running on port 18080

Usage: \$ ant deploy-serviceB -Dwsrm.serviceB.axisadmin=-
 lhttp://localhost:18080/axis/services/AdminService -
 Dwsrm.serviceB.deploy.wsdd=config/wsr/wsdd/handler/ServiceBDeploy.wsdd

test-serviceB: Test the deployed Service B (Sink) web service within OMII Container running on port 18080

```
Usage:          $          ant          test-serviceB          -
Dwsrm.servlet.url=http://localhost:18080/axis/servlet/AxisServlet          -
Dwsrm.webservice.serviceB=WsrmserviceB
```

undeploy-serviceB: Undeploys service B (Sink) service from OMII Container running on port 18080

```
Usage:      $      ant      undeploy-serviceB      -Dwsrm.serviceB.axisadmin=-
lhttp://localhost:18080/axis/services/AdminService          -
Dwsrm.serviceB.undeploy.wsdd=config/wsrmsdd/handler/ServiceBUndeploy.wsdd
```

deploy-clientservice: Deploys Client service running with Source proxy within OMII Container running on port 18080

```
Usage:      $      ant      deploy-clientservice      -Dwsrm.clientservice.axisadmin=-
lhttp://localhost:18080/axis/services/AdminService          -
Dwsrm.clientservice.deploy.wsdd=config/wsrmsdd/proxy/ClientServiceDeploy.wsd
d
```

test-clientservice: Test the deployed Client web service within OMII Container running on port 18080

```
Usage:          $          ant          test-clientservice          -
Dwsrm.servlet.url=http://localhost:18080/axis/servlet/AxisServlet          -
Dwsrm.webservice.clientservice=WsrmserviceClient
```

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

```
Usage:      $      ant      undeploy-clientservice      -Dwsrm.clientservice.axisadmin=-
lhttp://localhost:18080/axis/services/AdminService          -
Dwsrm.clientservice.deploy.wsdd=config/wsrmsdd/proxy/ClientServiceUndeploy.w
sdd
```

deploy-proxyserviceA: Deploys Proxy Service (Source) service within OMII Container running on port 18080

```
Usage:      $      ant      deploy-proxyserviceA      -Dwsrm.proxyserviceA.axisadmin=-
lhttp://localhost:18080/axis/services/AdminService          -
Dwsrm.proxyserviceA.deploy.wsdd=config/wsrmsdd/proxy/ProxyServiceDeploy.wsd
d
```

test-proxyserviceA: Test the deployed Proxy Service (source) web service within OMII Container running on port 18080

```
Usage:          $          ant          test-proxyserviceA          -
Dwsrm.servlet.url=http://localhost:18080/axis/servlet/AxisServlet          -
Dwsrm.webservice.proxyservice=WsrmserviceProxy
```

undeploy-proxyserviceA: Undeploys proxy service A (Source) from OMII Container running on port 18080

```
Usage:      $      ant      undeploy-proxyserviceA      -Dwsrm.proxyserviceA.axisadmin=-
lhttp://localhost:18080/axis/services/AdminService          -
Dwsrm.proxyserviceA.undeploy.wsdd=config/wsrmsdd/proxy/ProxyServiceUndepl
oy.wsdd
```

deploy-proxy-serviceB: Deploys Proxy Service (Sink) service within OMII Container running on port 18080

```
Usage: $ ant deploy-proxy-serviceB -Dwsrm.proxy-serviceA.axisadmin=-  
lhttp://localhost:18080/axis/services/AdminService -  
Dwsrm.proxy-serviceB.deploy.wsdd=config/wsrms/wsd/proxy/ProxyServiceDeploy.ws  
dd
```

test-proxy-serviceB: Test the deployed Proxy Service (Sink) web service within OMII Container running on port 18080

```
Usage: $ ant test-proxy-serviceB -  
Dwsrm.servlet.url=http://localhost:18080/axis/servlet/AxisServlet -  
Dwsrm.webservice.proxy-service=WsrmsProxyService
```

undeploy-proxy-serviceB: Undeploys proxy service B (Sink) from OMII Container running on port 18080

```
Usage: $ ant undeploy-proxy-serviceB -Dwsrm.proxy-serviceB.axisadmin=-  
lhttp://localhost:18080/axis/services/AdminService -  
Dwsrm.proxy-serviceB.undeploy.wsdd=config/wsrms/wsd/proxy/ProxyServiceUndepl  
oy.wsdd
```

deploy-target-service: Deploys Target service with Sink Proxy within OMII Container running on port 18080

```
Usage: $ ant deploy-target-service -Dwsrm.target-service.axisadmin=-  
lhttp://localhost:18080/axis/services/AdminService -  
Dwsrm.target-service.deploy.wsdd=config/wsrms/wsd/proxy/TargetServiceDeploy.ws  
dd
```

test-target-service: Test the deployed Target web service within OMII Container running on port 18080

```
Usage: $ ant test-target-service -  
Dwsrm.servlet.url=http://localhost:18080/axis/servlet/AxisServlet -  
Dwsrm.webservice.target-service=WsrmsTargetService
```

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

```
Usage: $ ant undeploy-target-service -Dwsrm.target-service.axisadmin=-  
lhttp://localhost:18080/axis/services/AdminService -  
Dwsrm.target-service.deploy.wsdd=config/wsrms/wsd/proxy/TargetServiceUndepl  
oy.wsdd
```