

User Guide

Install and Run

- Logon as the Windows/UNIX user who starts the Informatica process.
- Download and save the attached zip file. It contains 5 files:
 - runJMSConnectTest.sh: a script for Unix
 - runJMSConnectTest.bat: a batch file for Windows
 - javalib: this is a folder where you can add JMS Provider jar files
 - readme.txt: Instructions to run the tool
 - JMSConnectTest.jar : This is an executable jar to test the JMS connection
- CLASSPATH and JAVA_HOME need not be set manually to test a JMS connection. You can copy JMS Provider required jar files into *javalib* folder.
- On UNIX only:
 - Transfer the file to the UNIX machine using FTP (in binary mode).
 - Change permissions for the file: *chmod 755 **
- Modify the runJMSConnectTest.bat/.sh file and set A9HOME to %INFA_HOME% (or \$INFA_HOME) appropriately.
- Execute the utility with the following syntax:

```
runJMSConnectTest.bat (or .sh) JMSConnectTest <context-factory-class>  
<provider-url> <jms-conn-factory-name> <jms-destination> <jms-type>  
[<num-msg-to-send>] [<sleep-interval(sec)-between-send>]
```

Example:

```
runJMSConnectTest.bat com.sun.jndi.fscontext.RefFSContextFactory  
file:/C:/Temp/binding Connection_Factory1 Destination1 1
```

Argument	Description	Type
context-factory-class	Specify the JNDI Connect Factory for your JMS provider	Required
provider-url	Specify the JNDI Provider URL for your JMS provider	Required
jms-conn-factory-name	Name of the connection factory. The name of the connection factory must be the same as the connection factory name you configured in JNDI.	Required
jms-destination	Name of the destination. The destination name must match the name you configured in JNDI.	Required
jms-type	Specify one of the following JMS Type: 1: Send Messages to Queue, 2: Receive Messages from Queue, 3: Publish Messages to Topic, 4: Receive Messages from Subscribed Topic.	Required
num-msg	Specify the number of message that you want to test with you JMS provider. The default is 1, one message.	Required
sleep-interval(sec)-between-send	Specify the number of seconds to wait between iterations.	Required

Usage

The below example is for Windows, for UNIX use the script runJMSConnectTest.sh instead.

Send two messages to a JMS queue

Input: >runJMSConnectTest.bat com.sun.jndi.fscontext.RefFSContextFactory
file:/home/klee/JNDI-Directory Connection_Factory4 D2 1 2

Output: Sending message: Thu Jul 12 10:15:41 PDT 2012 : 0 This is a test queue message from the Informatica JMS Sender. Sending message: Thu Jul 12 10:15:41 PDT 2012 : 1 This is a test queue message from the Informatica JMS Sender. Sent 2 message(s).

Receive two messages from a JMS queue

Input: >runJMSConnectTest.bat com.sun.jndi.fscontext.RefFSContextFactory
file:/home/klee/JNDI-Directory Connection_Factory4 D2 2 2

Output: Receiving message: NULL Receiving message: Wed Jun 20 16:07:30 PDT 2012 : 0 This is test message from Informatica JMS Sender. Received 2 message(s).

Publish one message to a JMS Topic

Input: >runJMSConnectTest.bat com.sun.jndi.fscontext.RefFSContextFactory
file:/home/klee/JNDI-Directory TCF TD 3 1

Output: Sending message: Thu Jul 12 11:04:35 PDT 2012 : 0 This is a test topic message from Informatica JMS Sender. Sent 1 message(s).

Subscribe to a JMS Topic and receive one message

Input: >runJMSConnectTest.bat com.sun.jndi.fscontext.RefFSContextFactory
file:/home/klee/JNDI-Directory TCF TD 4 1

Output: Receiving message: Retained message Received 1 message(s).

System Requirements

- JMS provider prerequisite jar files
- Informatica PowerExchange for JMS 8.x
- Informatica PowerExchange for JMS 9.x

Supported Platforms

- Linux
- Solaris
- AIX
- HP-UX
- Windows