Define WebSphere variables

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What this exercise is about

The objective of this lab is to guide you through defining the WebSphere variables.

Lab requirements

List of system and software required for the student to complete the lab

- WebSphere Integration Developer V7.0 installed and updated with latest fixes
- WebSphere Process Server V7.0 test environment installed and updated with latest fixes

What you should be able to do

• Define a WebSphere variable using administrative console

Exercise instructions

Some instructions in this lab are specific for Windows[®] platforms. If you run the lab on a platform other than Windows, you will need to run the appropriate commands, and use appropriate files (for example .sh in place of .bat) for your operating system. The directory locations are specified in the lab instructions using symbolic references as follows:

Reference variable	Windows location	Linux [®] location
<wid_home></wid_home>	C:\Program Files\IBM\WebSphere\WID70	
<wps_home></wps_home>	C:\ <wid_home>\runtimes\bi_v70</wid_home>	
<lab_files> C:\Labfiles70</lab_files>		/tmp/Labfiles70
<workspace> <lab_files>\Adapter\workspace</lab_files></workspace>		
<temp> C:\temp</temp>		/tmp

Windows users: When directory locations are passed as parameters to a Java[™] program such as EJBdeploy or wsadmin, you must replace the backslashes with forward slashes to follow the Java convention. For example, replace C:\Labfiles70\ with C:/Labfiles70/.

Part 1: Use WebSphere Process Server administrative console to define WebSphere variable

In this part of the lab, you will make use of WebSphere Process Server administrative console to define the required WebSphere variables.

- 1. Start WebSphere Integration Developer with any <WORKSPACE>
- 2. Start the WebSphere Process Server
 - ____a. Select the Servers view
 - ____ b. Right-click the row that contains WebSphere Process Server v7.0 at localhost and select Start from the context menu
 - ____ c. Wait until the server status shows as Started
- 3. Right-click the row that contains WebSphere Process Server v7.0 at localhost and select Administration > Run administrative console from the context menu

	Administration	Administration 🔸			
	Launch	Launch		WebSphere administration command assist	
	Add and Remove Integration Solution	Add and Remove Integration Solution Projects WebSphere Business Monitor Event Recording		F	
🔡 Task Flows 🕜 Build Activities 💷	Pro WebSphere Business Monitor Event Re				
Server 🔺					
WebSphere Process Server v7	D at Properties	Alt+Enter	d and a second se		

4. From the administrative console, enter **User ID** and **Password** click **Log in**

🥹 Admin Console 🛛	
Integrated Solutions	Console
Welcome, en ^{User ID:}	ter your information.
Password:	
Log in	

5. Expand **Environment** from the left navigation panel of Administrative console and select **WebSphere Variables**

View: All tasks
Welcome
Guided Activities Guided Activi
🖃 Environment 🔫 ——
Virtual hosts
 Update global Web server plug-in configuration
WebSphere variables
Shared libraries
Replication domains
H Naming Second S

- 6. On the WebSphere Variables page on the right side, select Node=<NODE_NAME>,Server=server1 from the drop down list
- ____7. Still on the WebSphere Variables page, click **New** to define a new variable

WebSphere Variables			
WebSphere Variables			
Use this page to define substitution variables. Variables specify a level of indirection for some system-defined values, suc directories. Variables have a scope level, which is either server, node, cluster, or cell. Values at one scope level can differ f levels. When a variable has conflicting scope values, the more granular scope value overrides values at greater scope leve variables override node variables, which override cluster variables, which override cell variables.			
Scope: Cell=W\$BETA154Node01Cell, Node=W\$BETA154Node01, Server=server1			
Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, <u>see the scope settings help.</u> Node=WSBETA154Node01, Server=server1 .			
Preferences			
New Delete			

- 8. Enter these for the **General Properties** under Configuration tab:
 - ____a. For Name, enter Adapter_Variables
 - ____b. For Value, enter C:\Labfiles62\Adapters (provide the full path of an existing directory)

WebSphere Variables > New

Use this page to define substitution variables. Variables specify a level of indirection for some system-defined values, such as file system root directories. Variables have a scope level, which is either server, node, cluster, or cell. Values at one scope level can differ from values at other levels. When a variable has conflicting scope values, the more granular scope value overrides values at greater scope levels. Therefore, server variables override node variables, which override cluster variables, which override cell variables.

Configuration	
General Properties	
* Name Adapter_Variables	
Value	
C / Labfiles 70 \ A dapters	
Description	
Apply OK Reset Cancel	
c. Click OK	
d. Click the Save link at the top of the WebSphere Variables page to save your changes	
e. You will now see a new entry Adapter_Variables under WebSphere Variables list:	

New Delete				
Select	Name 🛟	Value 🗘	Scope 🗘	
You can administer the following resources:				
	Adapter Variables	C:\Labfiles70\Adapters	Node=WSBETA15	

9. Log out of the administrative console and close it.

What you did in this exercise

In this lab, you have created a WebSphere variable using the administrative console.