

Implement Global Variables to Start/Stop Business Processes

In EXTOL Business Integrator (EBI) 3 Server there is no easy way to start, stop or suspend business process scripts that are deployed/installed in EBI Server. This implementation avoids the need to uninstall a project to just stop a project from running.

In the step-by-step instructions below, we review the usage of **Global Variables** to start/stop EBI 3 business processes.

1 SET-UP GLOBAL VARIABLES

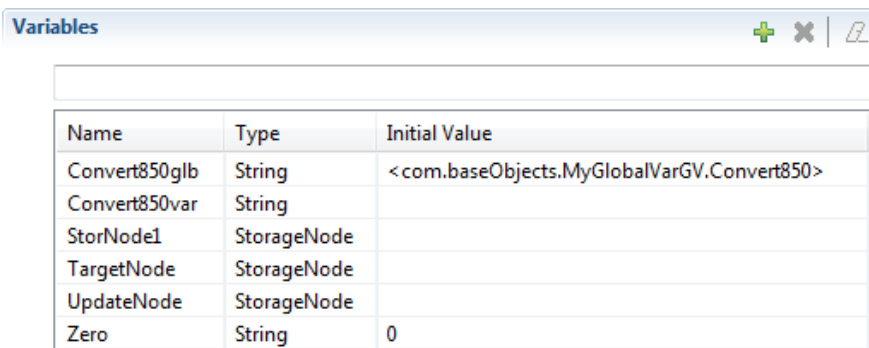
The EBI user will need to create the Global Variables they would like to use. In this example, Convert850 was created in the Global Variables. This variable will be given the value 0 for now.

Convert850	0
Convert855	0
Convert810	0

2 RESOLVE GLOBAL VARIABLE IN BUSINESS PROCESS

Next the EBI user will need to resolve the Global Variable in the Business Process. This step allows the value of the Global Variable to be used in the Business Process.

For the actual global variable, the EBI user will need to create a string variable with the full path name of the Global Variable as the Initial Value. In this example it would be `<com.baseObjects.MyGlobalVarGV.Convert850>`



Name	Type	Initial Value
Convert850glb	String	<com.baseObjects.MyGlobalVarGV.Convert850>
Convert850var	String	
StorNode1	StorageNode	
TargetNode	StorageNode	
UpdateNode	StorageNode	
Zero	String	0

Label	Task	Pass	Fail
	ResolveGlobalVariables	next	FAILURE

Parameters for target: 'ResolveGlobalVariables'

Result: Convert850var Strin

String: Convert850glb Strin

3 THE BUSINESS PROCESS – COMPARE VALUES

In this example, the EBI user is using the Global Variable to be compared to a number. If the value is 0, the Business Process will run. If the value is 1 the Business Process will go to a Success Exit Status.

Script

Label	Task	Pass	Fail
	ResolveGlobalVariables	next	FAILURE
	CompareValues	next	SUCCESS
	com.MySQL.DatabaseObjects.MySQLInbound850DBA - Select850Dbto855Db	next	FAILURE

Parameters for target: 'CompareValues'

Value 1: Convert850var Object

Value 2: Zero Object

Compare Type: CompareType Literal: Equal (=) CompareType

Result: Click to Set Value... Boolean

4 STOPPING AND STARTING BUSINESS PROCESSES

Once the global variables are in place and the business processes are update, the EBI user will need to update the respective Global Variable in the Settings tab of the Admin Console.

Global Variables		
Logging	JAVA_EXE	<java
Next Numbers	JAVA_HOME	<java
SSH Keys	SYSTEM_DIR	/C:/E
Keystore Manager	SYSTEM_URL	file:/C
	USER_INSTALL_DIR	/C:/E
	USER_INSTALL_URL	file:/C
	com.baseObjects.MyGlobalVarGV.Convert810	1
	com.baseObjects.MyGlobalVarGV.Convert850	1
	com.baseObjects.MyGlobalVarGV.Convert855	1