Installing Monitor Toolkit V6.0.2

What this exercise is about	2
Lab requirements	2
What you should be able to do	2
Exercise instructions	2
Introduction	3
Part 1: Installing WebSphere Integration Developer V6.0.2	5
Part 2: Preparing for the Monitor Tool Kit V6.0.2 Launchpad	18
Part 3: Installing Monitor Tool kit	19
Appendix 1: Skip Monitor Integrated Test Environment Installation	31
Appendix 2: Uninstalling the Monitor Development Toolkit	33
Appendix 3: Troubleshooting	34

What this exercise is about

The objective of this lab is to provide step by step instructions for installing WebSphere[®] Integration Developer V6.0.2 and the Monitor Tool kit V6.0.2 (which contains the Monitor Model Editor and Monitor Integrated test Environment).

Lab requirements

List of software required for the student to complete the lab:

- WebSphere Integration Developer V6.0.2 with the WebSphere Process Server Integrated Test Environment server option installed
- DB2[®] UDB Enterprise Service Edition V8.2.6
- Monitor Tool Kit V6.0.2

What you should be able to do

At the end of this lab you should be able to:

- Install WebSphere Integration Developer V6.0.2 with the WebSphere Process Server Integrated Test Environment server installed
- Install DB2 V8.2.6, Monitor Model Editor and other Monitor Server components using the Monitor Tool kit Launchpad program

Exercise instructions

Some instructions in this lab may be Windows[®] operating-system specific. If you plan on running the lab on an operating-system other than Windows, you will need to run the appropriate commands, and use appropriate files (.sh vs. .bat) for your operating system. The directory locations are specified in the lab instructions using symbolic references, as follows:

Reference Variable	Windows Location	AIX [®] /UNIX [®] Location
<wid_home></wid_home>	C:\WID602	
<monitor_home></monitor_home>	<wid_home>\WBMonitor</wid_home>	
<mme_home></mme_home>	<wid_home>\WBMonitor\mme</wid_home>	
<wps_home></wps_home>	<wid_home>\runtime\bi_v6</wid_home>	
<db2_home></db2_home>	C:\IBM\DB2\SQLLIB	

Windows users' note: When directory locations are passed as parameters to a Java[™] program such as EJBdeploy or wsadmin, it is necessary to replace the backslashes with forward slashes to follow the Java convention.

Introduction

WebSphere Business Monitor V6.0.2 introduces a new environment targeted for the developer role. The Monitor toolkit enhances the development experience by providing editing, code generation and unit test capability. The integrated test environment extends the unit test function familiar to users of tools such as Rational[®] Application Developer or WebSphere Integration Developer

The integrated test environment allows the developer to create, modify and validate monitor models without installing a full dashboard configuration, avoiding the dashboard prerequisites such as Portal and Alphablox as part of the development phase. This includes a new servlet/Java Server Faces-based view of data collected during event processing, to verify event processing and metrics.

The Monitor toolkit installs on top of WebSphere Integration Developer V6.0.2



Note: If you plan to install and use WebSphere Business Monitor V6.0.2 Basic on the same machine with the toolkit, follow the installation sequence below:

→Install WebSphere Business Monitor Server V6.0.2 of installation type Basic (Refer to Basic install lab)

→Install WebSphere Integrated Developer V6.0.2 skipping the WebSphere process Server Integrated Test Environment installation option

→Install Monitor Tool kit V6.0.2 skipping the Monitor Integrated Test Environment installation option (Refer to "Appendix 1: Skip the Monitor Integrated Test Environment installation"

Part 1: Installing WebSphere Integration Developer V6.0.2

This part of the lab provides step-by-step instructions for installing the WebSphere Integration Developer V6.0.2

1. The following are the installation files needed to install the WebSphere Integration Developer

____a. win.daily.wid-6.0.2-*_1.zip

____b. win.daily.wid-6.0.2-*_2.zip

Note: WinZip versions before version 10 could have problems extracting the number of files or the directory structure depth from the source archive (.zip) files. Use unzip instead, which can be downloaded from the Internet at <u>http://www.info-zip.org/pub/infozip/</u>.

2. Prepare for the WebSphere Integration Developer Launchpad by extracting the installation files into the same folder. The installation files are extracted to a directory named **IBMWID-6.0.2** and the contents extracted are follows:

C:\MonitorDrivers_602\WID	IBMWID-6.0.2			_ 🗆 ×
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u>	ools <u>H</u> elp			1
🔇 Back 👻 🕤 👻 🥬 Searc	th 🌔 Folders 📋	🕸 🌶 🗙 🎾 🔠	- 2	
Address 🛅 C:\MonitorDrivers_602	WID/IBMWID-6.0.2	2		🕶 🔁 Go
Name 🔺	Size	Туре	Date Modified	Attributes
disk1		File Folder	9/28/2006 12:43 PM	
🛅 disk2		File Folder	9/28/2006 12:46 PM	
🔁 disk3		File Folder	9/28/2006 12:48 PM	
🔁 disk4		File Folder	9/28/2006 12:57 PM	
🔁 disk5		File Folder	9/28/2006 12:58 PM	
disk6		File Folder	9/28/2006 12:59 PM	

3. Browse to the **disk1** directory

🗁 C:\MonitorDrivers_602\WID'	IBMWID-6.0.2\d	isk1		_ 🗆 🗙
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u>	ools <u>H</u> elp			.
🔇 Back 👻 🕤 👻 🏂 🔎 Searc	th 🌔 Folders	🖻 🕑 🗙 🍤 🛛 🖽	- 2	
Address 🛅 C:\MonitorDrivers_602	\WID\IBMWID-6.0.2	\disk1		💌 🔁 Go
Name 🔺	Size	Туре	Date Modified	Attributes
Config		File Folder	9/28/2006 12:43 PM	
images 🔁		File Folder	9/28/2006 12:43 PM	
Cicense		File Folder	9/28/2006 12:43 PM	
🔁 readme		File Folder	9/28/2006 12:43 PM	
🔁 setup		File Folder	9/28/2006 12:46 PM	
🔁 util		File Folder	9/28/2006 12:46 PM	
autorun.inf	1 KB	Setup Information	7/7/2003 8:20 PM	А
📑 🥵 disk1.inf	1 KB	Setup Information	9/22/2006 5:55 AM	А
🕘 install.html	103 KB	HTML Document	9/22/2006 5:55 AM	А
🚯 launchpad.exe	128 KB	Application	4/6/2005 5:02 PM	А
📔 🕘 migrate.html	298 KB	HTML Document	9/22/2006 5:55 AM	А
🕘 readme.html	25 KB	HTML Document	9/22/2006 5:55 AM	А
😰 setup.jar	30,275 KB	JAR File	9/22/2006 6:01 AM	А

- _____4. Double click launchpad.exe to run the Launchpad
- 5. On the Launchpad home screen, select Install IBM WebSphere Integration Developer V6.0.2

+ WebSpl	ere Integration Developer Launchpad		
	WebSphere. Integra	tion Developer	IBM.
	Install IBM WebSphere® Integration Developer V6.0.2— View the Readme file and release notes View the Installation Guide View the Migration Guide	WebSphere Integrati builds, tests and dep standards-based inte applications from loo services and busines	on Developer oloys ograted sely-coupled os processes.
IBN	InstallShield Wizard InstallShield® is preparing the InstallShield Wiz will guide you through the rest of the process. Please wait	ard, which	Exit
	Preparing Java(tm) Virtual Machine		

____6. Click Next

👍 IBM WebSphere Integra	ation Developer ¥6.0.2 Installer
WebSphere software	Welcome to IBM WebSphere Integration Developer V6.0.2 The InstallShield Wizard will install IBM WebSphere Integration Developer V6.0.2 on your computer. To continue, choose Next. IBM WebSphere Integration Developer V6.0.2
InstallShield	< Back Next > Cancel

_____7. Accept the License Agreement and click Next

🚯 IBM WebSphere Integ	ration Developer ¥6.0.2 Installer
WebSphere software	Software License Agreement
websphere. software	Please read the following license agreement carefully.
and the second s	International Program License Agreement
	Part 1 - General Terms
	BY DOWNLOADING, INSTALLING, COPYING, ACCESSING, OR USING THE
	ACCEPTING THESE TERMS ON BEHALF OF ANOTHER PERSON OR A
	COMPANY OR OTHER LEGAL ENTITY, YOU REPRESENT AND WARRANT THAT
	YOU HAVE FULL AUTHORITY TO BIND THAT PERSON, COMPANY, OR LEGAL
	- DO NOT DOWNLOAD, INSTALL, COPY, ACCESS, OR USE THE PROGRAM; AND
	PROMPTLY RETURN THE PROGRAM AND PROOF OF ENTITLEMENT TO THE
	PARTY FROM WHOM YOU ACOURED IT TO ORTAIN A REFUND OF THE AMOUNT
IBM.	I accept the terms in the license agreement
	C I do not accept the terms in the license agreement
Inctall@biold	
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel
	· · · · · · · · · · · · · · · · · · ·

8. Select the installation directory to install the WebSphere Integration Developer and click Next

Note: If WebSphere Integration developer is being installed on a Windows machine, it is strongly recommended that a shorter path (**Ex: - C:\WID602**) is used than the default (**C:\Program Files\IBM\WebSphere\ID\602**) as it is likely that the Windows 256-character limit on directory paths will be a problem with longer paths.

IBM WebSphere Integration Developer V6.0.2 Installer VebSphere software Click Next to install "IBM WebSphere Integration Developer V6.0.2" to this directory, or click Browse to install to a different directory. Directory Name: C:WID602 Browse InstallShield <</td> <</td> Back Next > Cancel

IBM WEBSPHERE BUSINESS MONITOR V6.0.2 - LAB EXERCISE

9. In the following screen, select the check box next to **Integrated Test Environment** as it is a mandatory pre-requisite for the **Monitor Integrated Test Environment** installation. Click **Next**

Note: If you want to install the WebSphere Business Monitor V6.0.2 **Basic** for testing and deployment purposes on this machine, skip the WebSphere Process Server Integrated Test Environment installation option.

🚯 IBM WebSphere Integ	ration Developer V6.0.2 Installer
WebSphere. software	Select the features for "IBM WebSphere Integration Developer V6.0.2" you would like to install:
State of the state	EWebSphere Integration Developer V6.0.2
	Integrated Development Environment (required)
	Integrated Test Environment
IBM.	
InstallShield	
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

_____10. Read the information provided in the following screen and click Next to continue

🚯 IBM WebSphere Integ	ration Developer V6.0.2 Installer
WebSphere software	Please read the information below.
Websphere. Software	You have selected to install the WebSphere Process Server v6.0.2 Integrated Test Environment. Please note that by selecting this option, the installation time will increase by approximately 1 hour depending on your system hardware.
	Click Next to continue.
InstallShield	
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

_____ 11. Select both WebSphere Process Server and WebSphere Enterprise Server profiles and click Next

🕀 IBM WebSphere Integra	ation Developer ¥6.0.2 Installer
WebSphere. software	Please select one or both of the following profile(s).
	 WebSphere Process Server WebSphere Enterprise Service Bus Select WebSphere Process Server if you intend to test applications created by
	most editors and wizards in WebSphere Integration Developer and deploy those applications only to a WebSphere Process Server. Select both if, in addition, you intend to test applications created by the mediation flow editor for deployment to a WebSphere Enterprise Service Bus server.
IBM.	Select only WebSphere Enterprise Service Bus if you intend to test only applications created by the mediation flow editor and only deploy these applications to a WebSphere Enterprise Service Bus server.
InstallShield	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

12. Review the installation Summary and make sure both the Integrated Development Environment and the Integrated Test Environments are being installed and click **Next**

🚯 IBM WebSphere Integ	ration Developer ¥6.0.2 Installer	_ 🗆 🗙
WebSphere software	Please read the summary information below.	
WebSphere. software	IBM WebSphere Integration Developer V6.0.2 will be installed in the following location:	
	C:WID602	
	with the following features:	
	Integrated Development Environment Integrated Test Environment	
	for a total size:	
	5796.5 MB	
InstallShield		
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ano	;el

_____ 13. The actual installation progresses in four steps as follows:

🔂 IBM WebSphere Integra	ition Developer ¥6.0.2 Installer	_ 🗆 🗙
WebSphere. software	Step 1 of 4: Installing IBM WebSphere Integration Developer V6.0.2. Please wait	
	C:\WID602\.\eclipse\plugins\org.eclipse.emf.codegen_2.0.1\test\code-gen 7%	
IBM.		
111514110111210	< <u>B</u> ack Next > Cano	el

🚯 IBM WebSphere Integra	ation Developer ¥6.0.2 Installer			
WebSphere. software	Step 2 of 4: Updating installed	l components, this 90%	s may take a few i	minutes
InstallShield				
		< <u>B</u> ack	<u>N</u> ext ≻	<u>C</u> ancel
🕂 IBM WebSphere Integral	tion Developer ¥6.0.2 Installer			_ X



🚯 IBM WebSphere Integr	ration Developer ¥6.0.2 Installer	
WebSphere. software	Step 4 of 4: Initializing Eclipse	
mstanoment -	- Back Next - Cance	el

_____ 14. Check the Summary and make sure everything was installed successfully. If so, click Next

IBM WebSphere Integr	ation Developer V6.0.2 Installer Please read the information below,	×
Trabsjonere: autware	Please read the summary information below.	
IBM.	Step 1: Installing WebSphere Integration Developer Step 2: Updating installed components Step 3: Installing the Integrated Test Environment Creating WebSphere Process Server Profile Creating WebSphere Enterprise Service Bus Profile Step 4: Initializing Eclipse If any of the above steps contain errors, please consult C:two	Successful Successful Successful Successful Successful Successful
InstallShield	 Back Next 	> Cancel

_____ 15. Uncheck the check box next to **View Readme** if you are not interested in reading about the latebreaking information about the product. Click **Next**

🚯 IBM WebSphere Integ	ration Developer V6.0.2 Installer
WebSphere software	Please read the summary information below.
WebSphere software	The installation of IBM WebSphere Integration Developer V6.0.2 is complete. The Readme provides late-breaking information about product updates, limitations, and known problems. It is recommended that you review the Readme prior to working with WebSphere Integration Developer. View Readme
InstallShield	
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel

_____ 16. Click **Next** on the following screen

IBM WebSphere Integration Developer V6.0.2 Installer WebSphere software WebSphere software Image: Software

IBM WEBSPHERE BUSINESS MONITOR V6.0.2 - LAB EXERCISE

- _____ 17. In the next screen, de-select Launch Rational Product Updater and click Finish
 - 18. The WebSphere Integration Developer installation is complete. Close the WebSphere Integration Developer launch window

Part 2: Preparing for the Monitor Tool Kit V6.0.2 Launchpad

In this section of the lab, the required software will be obtained and extracted -- creating the correct on-disk structure for the Monitor Tool kit Launchpad to run.

Note: The WebSphere Business Monitor V6.0.2 Integrated Test Environment can not co-exist with the WebSphere Business Monitor V6.0.2 installation types BASIC or Advanced. Uninstall any pre-existing Monitor software at this time. If this machine had a previous Monitor Server installation of **any** type, ensure that the machine is clean. The instructions can be found at <u>Appendix 2: Troubleshooting</u>

- 1. Ensure that WebSphere Integration Developer V6.0.2 is installed (a mandatory pre-requisite)
- 19. The following are the installation files needed to install the Monitor Integrated Test Environment
 - ____a. MonitorToolkit_v602.zip (Monitor Tool kit V6.0.2)
 - ____b. ESE_v826.zip (DB2 UDB Enterprise Service Edition V8.2.6)

Note: If DB2 is installed on the machine, ESE*.zip is not required. For the purposes of this guide, it is assumed that DB2 is not pre-existing. However, even if DB2 is already installed, the following steps should mostly be the same. Refer to "Task: Pre-install DB2 UDB Enterprise Service Edition V8.2.6"

- ____ 20. Obtain the Monitor Tool Kit software and extract in such a way to create the correct on-disk structure for the Launchpad to run
 - Extract the Monitor Tool Kit .zip file to a directory (for example C:\CDImageV602) and confirm that the directories and files are extracted correctly; it should appear similar to the picture below. Also extract the DB2 driver if the Launchpad has to lay down a fresh install



Part 3: Installing Monitor Tool kit

This part of the document shows you how to use the Monitor Tool Kit Launchpad program to install a Monitor Integrated Test Environment and Monitor Integrated Development Environment which includes the Monitor Model Editor (MME).

The following pre-requisites are mandatory before running the Launchpad program:

The Launchpad program expects the following pre-requisites be met for the WebSphere Process Server Integrated Test Environment. The DB2 user can be created before the DB2 installation or if not then the Launchpad program creates the user if it does not already exist.

- WebSphere Integration Developer V6.0.2 must be installed. The Launchpad will reject the installation if the installation is not detected
- Create WebSphere Process Server user (a mandatory pre-requisite)
 - 1. The WebSphere Process Server user must be an Operating System user with administrative privileges
 - 2. Create a user for WebSphere Process Server as **admin** and ensure the user is the member of **Administrators** group.

The following pre-requisite is not mandatory but if you want to:

Note: The Launchpad creates the DB2 user and groups if they do not exist during the DB2 installation.

Create DB2 Administrator user, DB2 Administrator groups

- The DB2 Administrator user must be an Operating System user with administrative privileges
- The DB2 Administrator user must be less than or equal to 8 characters
- Create two groups DB2ADMINS and DB2USERS
- Create a user (for example **db2admin**) and ensure the user is a member of **Administrators** and **DB2ADMINS** groups

Note: The WebSphere Process Server user you create must not exceed more than 12 characters. (Ex: - A user name like **Administrator** with 13 characters is not accepted as a WebSphere Process Server user.

Follow the instructions below to complete the Monitor Integrated Test Environment installation:

- 1. Explore to the directory where the correct on-disk structure for the install image was created. For example C:\CDImageV602
- _____ 2. Double-click **setup.bat** to run the Monitor Toolkit Launchpad

🌐 WebSphere Business M	onitor Launchpad	_ 🗆 🗵 🗙
WebSphere Busine Versio	ess Monitor Development Toolkit	IBM.
Welcome Technotes # Install # Tips # Exit #	 Welcome to the Installer for IBM WebSphere Business Monitor Development Tookit Version 6.0.2 This program installs the Integrated Development Environment (IDE) and, optionally, the Integrated Test Environment (ITE) on WebSphere Integration Developer (WID) V6.0.2 that is currently installed on your system. The IDE is used to create Business Monitoring projects while the ITE is used to test these models with a Monitor test server. If installing the ITE, you must have installed WebSphere Process Server (WPS) V6.0.2 on WID. The ITE also requires DB2 Enterprise Server Edition V8.2.6. This installer can lay down this product if it is not detected. Click Install on the left navigation menu to proceed. 	
© The IBM logo and WebSphe rights reserved 2005, 2006.	re are trademarks or registered trademarks of IBM Corporation in the US, other countries, or both. All	

_____3. From the welcome screen click on the **Install** link

Software License Agreement	×
Please read the accompanying license agreement carefully before using the Program. By selecting "Accept" below or using the Program, you agree to accept the terms of this agreement. If you select "Decline", installation will not be completed and you will not be able to use the Program.)
International Program License Agreement	i
Part 1 - General Terms	
BY DOWNLOADING, INSTALLING, COPYING, ACCESSING, OR USING THE PROGRAM	
YOU AGREE TO THE TERMS OF THIS AGREEMENT. IF YOU ARE ACCEPTING THESE	
TERMS ON BEHALF OF ANOTHER PERSON OR A COMPANY OR OTHER LEGAL ENTITY,	
PERSON, COMPANY, OR LEGAL ENTITY TO THESE TERMS. IF YOU DO NOT AGREE TO	
THESE TERMS,	
■ DO NOT DOWINEOAD, INSTALE, COPT, ACCESS, OR USE THE PROGRAM, AND	
Road non IRM tarma	1
Reau non-ibili terms	
Print Accept Decline	

- _____4. Click the Accept button and accept the License Agreement to continue
- 5. Check the box next to Integrated Test Environment

Note: By default, the Installation option for the **Monitor Integrated Development Environment** is selected and not available for a mandatory installation. The **Monitor Integrated Test Environment** can be skipped if you would like to use the WebSphere Business Monitor V6.0.2 **Basic installation** for testing and deployment purposes.

Installation Options	0
Select the installation you want to perform.	
🗹 Integrated Development Environment (required)	
Integrated Test Environment	

Instructions for installing only the Monitor Integrated Development Environment (the Monitor Model Editor plugin) can be found at the end of the document, in the section "<u>Appendix 1: Skip the Monitor Integrated Test</u> <u>Environment installation</u>"

🌐 WebSphere Business M	1onitor Launchpad			
WebSphere Busin Versio	ess Monitor Development Too on 6.0.2	lkit		IN.
Welcome # Technotes #	Installation Options		0	FO
Tips #	Select the installation you wa	ant to perform.		
	🔽 Integrated Developmen	t Environment (required)		
	🔲 Integrated Test Environ	ment		H
	<back< td=""><td>Next></td><td>Install</td><td></td></back<>	Next>	Install	
© The IBM logo and WebSph rights reserved 2005, 2006.	ere are trademarks or registered tradem	arks of IBM Corporation in the US,	other countries, or both. All	

____6. Click Next

____7. Review the Integrated Development Environment Target Directories

Note: The Launchpad defaults the **Target Directories** for **WebSphere Integration Developer Home**, **Monitor Model Editor Plugins Home** and **WebSphere Business Monitor Home** with respect to the WebSphere Integration Developer V6.0.2 Installation directory structure. Hence all the Target Directory fields are defaulted with their respective values and the values are not available.

🕀 WebSphere Business Mon	itor Launchpad				
WebSphere Business Version	s Monitor Development To 6.0.2	oolkit			TBM.
Welcome ⊯ Technotes ⊯	Integrated Developme	ent Environment	Development To	olkit Installation	
Install	Target Directories			0	TX
Exit #	WebSphere Integration Develop	er Home:		↓	
	C:WMD602				
	WebSphere Business Monitor H	ome:			
	C:WMD602WVBMonitor				
	Monitor Model Editor Plugins Hom	18:			
	C:WMD602WVBMonitor/mme				1111
					会议
	<back< td=""><td>Next></td><td>In</td><td>stall</td><td></td></back<>	Next>	In	stall	
© The IBM logo and WebSphere rights reserved 2005, 2006.	are trademarks or registered trade		n the US, other countries	, or both. A//	

- 8. Click Next
- 9. In the following **Monitor Integrated Test Environment Target Directories** screen, click the **Browse** button next to **DB2 Home** to set the Target Directory to C:\IBM\DB2\SQLLIB

Note: The DB2 Home target directory is defaulted to a value that is based on the WebSphere Integration Developer Installation Directory. It is better not to install DB2 under the WebSphere Integration Developer install directory. Instead set the DB2 install directory to **C:\IBM\DB2\SQLLIB**

WebSphere Business !	Monitor Launchpad			
WebSphere Busir Versi	ness Monitor Development Too on 6.0.2	lkit		
Welcome i Technotes i	Integrated Test Environ	ment /	Development Toolkit i	Installation
Install Tips	Target Directories			0
Exit	DB2 Home:	G	Not installed	
	C:\IBM\DB2\SQLLIB		Bro	wse
	WebSphere Process Server Home		🔝 Installed	
	C:wviD602@unitimesion_v6	ïle Home:		
	C: WMD602\pf\w/bmonitor			111
	<back< td=""><td>Next></td><td>Install</td><td></td></back<>	Next>	Install	
◎ The IBM logo and WebSpl rights reserved 2005, 2006	nere are trademarks or registered tradema	arks of IBM Corporation in the	US, other countries, or b	oth. All

____10. Click Next

- 11. In the following screen enter the user name and password for the DB2 Administrator user and WebSphere Process Server user
 - ___ c. DB2 user name : db2admin
 - ____d. Password : xxxxxxx
 - ____e. Confirm Password : xxxxxxxx
 - ____f. WebSphere Process Server user name : admin
 - ____g. WebSphere Process Server password : xxxxxx

Note: The **WebSphere Process Server User** is an Operating System specific user that must already exist and be part of the **Administrators** group

Error	Error
CVMLP2027E WebSphere Process Server User name::	CVMLP2022E: WebSphere Process Server User name::
User admin does not exist	admin is not a member of the Administrators group

Note: The Launchpad creates the DB2 user and groups if they do not exist at this time

WebSphere Bus Vers	iness Monitor Development sion 6.0.2	t Toolkit		
Welcome Technotes	Integrated Test Env	rironment Develo	oment Toolkit Installation	
Install	User name and Passwo	rd	0	TAD
Tips Exit	峥 眇 DB2 User name:	WebSphere Process Server	User name:	
	db2admin	admin		000
	Password:	Password:		
	*****	****		
	Confirm Password:			

	Note: WebSphere Proc - be an existing user nar - not exceed more than - be a member of the Aa	ess Server User name must ne in your local operating system' 12 characters ministrators group	s user registry	
				COMPANY OF THE OWNER

____ 12. Click Next

_____13. Review the installation **Summary** and click **Install**

WebSphere Busi Vers	Monitor Launchpad ness Monitor Development Too ion 6.0.2	lkit		
Welcome Technotes Install Tips Exit		I on this system:		
	Integrated Development Enviro IBM DB2 Enterprise Server Ed Monitor Profile on WebSphere MONITOR Database on DB2 E Integrated Test Environment V	onment V.6.0.2 ition V.8.2.6 Process Server V.6.0.2 SE V.8.2.6 /.6.0.2		A
			1	

_____14. The installation progresses as follows:



___h. The DB2 Installation progresses. This takes about 4 minutes



____i. The WebSphere Process Server profile named **wbmonitor** is created. This takes about 25 minutes



(The profile creation logs are stored in <WID_HOME>\pf\wbmonitor\logs)

15. Once the WebSphere Process Server profile creation is complete, the Install Wizard is automatically launched and installs the Monitor components. The installation progresses as follows starting with the VpdExport Utility

Note: VpdExport is an InstallShield tool where the Monitor Install and Uninstall information is recorded and maintained as a database. VpdExport is installed when the first Monitor feature is installed and uninstalled when the last Monitor feature is uninstalled.

VpdExport is located at C:\Program Files\Common Files\InstallShield\Universal\Common\Gen2_vpddb

IBM WebSphere Bus	siness Monitor Version 6.0.2 - InstallShield Wizard	_ 🗆 🗙
WebSphere. Business Monitor Version 6.0.2	Installing VPDExport. Please wait	
	Extracting 0%	
InstallShield	<u>C</u> ancel	

a) The MONITOR database is created. This takes about 5 minutes

Note: Do not attempt to close the DB2 command window during the MONITOR database creation. It closes by itself when the database creation is complete.

🔤 DB2 CLP	
db2start DB2 -s CREATE DATABASE MONITOR using codeset UTF-8 territory US -	
	▶ //.

b) The remaining Monitor Components (the Runtime and Monitor Administrative Console) are installed. This takes about 20 minutes

(The logs are stored in <WID_HOME>\pf\wbmonitor\logs and <WID_HOME>\pf\wbmonitor\logs\server1)

IBM WebSphere Busi	ness Monitor Version 6.0.2 - InstallShield Wizard	
WebSphere. Business Monitor Version 6.0.2	Installing IBM WebSphere Business Monitor Version 6.0.2. Please wait 56%	
InstallShield	<u>C</u> ancel	

_____ 16. Once the Monitor Server is installed, the Launchpad checks the installation status as follows:



_____ 17. The Install Wizard stops the WebSphere Process Server's Monitor Profile

Stopping WebSphere Server	×
Please wait server1	

__18. Review the **Result** Summary and ensure that all the software components listed are successfully installed

🛞 WebSph	ere Business Monitor Launchpad				
WebSp	phere Business Monitor Development Toolk Version 6.0.2	it	00000	IBM.	
Welcon Techno	Welcome III Results				
Install	The installation of the WebSphe	re Business Monitor (Development Toolkit is finished.		
Exit	Integrated Development Environment	V.6.0.2	✓ Successful		
	Integrated Test Environment V.6.0.2		✓ Successful		
	<back< th=""><th>Next></th><th>Finish</th><th></th></back<>	Next>	Finish		
© The IBM Io rights reser	ogo and WebSphere are trademarks or registered trademark wed 2005, 2006.	s of IBM Corporation in the	e US, other countries, or both. All		
19.	Click Finish				
20.	20. Click Yes to close the Launchpad				
21.	. The WebSphere Monitor Integrated Test Environment V6.0.2 is complete				
22.	. Restart WebSphere Integration Developer if it is currently running				
23.	Ensure that the WebSphere Business Monitor Server 6.0.2 is added to the Integrated Test Environment server's list in the servers view of WebSphere Integration Developer				

- _____ 24. Start WebSphere Integration Developer with a workspace of your choice
 - ____ 25. Select the servers tab to view the Integrated Test Environment servers listed

Properties Problems 👫 Servers 🗙 Console		参 🖸) 🖉 🐁 🗉 🕺 🔁 🗖
Server	Host name	Status	State
By WebSphere Business Monitor Server v6.0.2	localhost	📕 Stopped	Synchronized
🛅 WebSphere ESB Server v6.0	localhost	🔚 Stopped	Synchronized
🐻 WebSphere Process Server v6.0	localhost	遣 Stopped	Synchronized
•			Þ

_____26. Close WebSphere Integration Developer

Task: Pre-Install DB2 UDB Enterprise Service Edition

This part of the lab helps you install DB2 UDB Enterprise Service Edition V8.2.6 manually outside of the Monitor Tool kit Launchpad.

If you want to pre-install DB2, follow the installation sequence below:

- _____1. Create DB2 Administrator user, DB2 Administrator groups
 - ____a. The DB2 Administrator user must be an Operating System user with administrative privileges
 - ____b. Create two groups DB2ADMINS and DB2USERS
 - ____ c. Create a user (for example db2admin) and ensure the user is a member of Administrators and DB2ADMINS groups
- 2. Install DB2 Enterprise Service Edition V8.2.6 (also known as 8.1.13)
 - ___a. Run the DB2 Launchpad (C:\CDImageV602\ESE\image\install.exe)
 - ____b. Accept the License Agreement, click Next
 - ___ c. On the "Select the Installation Type" screen, accept the default installation type : Typical, click Next
 - _____d. On the "Select the Installation Action" screen, ensure that "Install DB2 Enterprise Server Edition on this computer" is selected. Click Next
 - ____ e. On the "Select Installation folder" screen, change the target installation directory to C:\IBM\DB2\SQLLIB and click Next
 - ____f. On the following screen, provide the user information for the DB2 Administrator Server and click **Next**
 - ____g. Accept the defaults on the "Set up the administration contact list" and click Next
 - ___h. Accept the defaults for the rest of the following screens and click Install
 - _____i. Click **Finish** when the installation is complete

Appendix 1: Skip Monitor Integrated Test Environment Installation

This part of the lab helps you install only the Integrated Development Environment (the Monitor Model Editor plug-in) skipping the option to install the Monitor Integrated Test Environment. The Scenario for co-existing Monitor Basic and Monitor Integrated Development Environment is as follows:



If you plan to co-exist Monitor Integrated Development Environment with the Monitor Basic Installation, follow the hint below:

Hint:-

- Install Monitor Basic first
- Install WebSphere Integration Developer V6.0.2, but skip WebSphere Process Server Integrated Test Environment
- Run the Monitor Toolkit 602 Launchpad
- Skip Monitor Integrated Test Environment installation

The following pre-requisite is a mandatory before running the Launchpad program:

 WebSphere Integration Developer V6.0.2 must be installed. The Launchpad will reject the installation process if the pre-requisite is not detected

Note: If you want to install the WebSphere Business Monitor V6.0.2 **Basic** for testing and deployment purposes on the same machine which contains the Monitor toolkit, skip the WebSphere Process Server Integrated Test Environment installation option while installing WebSphere Integration Developer V6.0.2

Follow the steps below to install the Monitor Model Editor plug-in

- _____1. Open a command prompt window and change directory to C:\CDImageV602
- _____2. Double-click setup.bat to run the Integrated Test Environment Launchpad
- _____3. From the welcome screen click on Install. Click the Accept button to accept the License Agreement
- 4. In the following screen, ensure the check box next to **Integrated Test Environment** is left **unchecked** and click **Next**

Note: By default, the Installation option for the **Integrated Development Environment** is selected and not available for a mandatory installation. The **Monitor Integrated Development Environment** can be skipped if you would like to use the WebSphere Business Monitor Server V6.0.2 **Basic installation** for testing and deployment purposes.

Installation Options	0
Select the installation you want to perform.	
Integrated Development Environment (required)	
Integrated Test Environment	

5. Review the Integrated Development Environment Target Directories and click **Next**

Note: The Launchpad defaults the **Target Directories** for **WebSphere Integration Developer Home**, **Monitor Model Editor Plugins Home** and **WebSphere Business Monitor Home** with respect to the WebSphere Integration Developer V6.0.2 Installation directory structure. Hence all the Target Directory fields are defaulted with their respective values and the values are not available.

- 6. Review the Summary and click **Install**. This takes about a minute.
- _____7. Click Finish and then Yes to Close the Launchpad

Appendix 2: Uninstalling the Monitor Development Toolkit

There is only one way to uninstall the Monitor Development Toolkit and it is consistent with how other test servers such as WebSphere Process Server and ESB are uninstalled.

- 1. Go to the uninstall directory at \$(WID_HOME)\WBMonitor_uninstmon
- 2. Run the script widmon_uninstall.bat
- 3. You can choose to uninstall the Integrated Test Environment only or the Integrated Development Environment as well
- 4. You cannot uninstall the Integrated Development Environment without uninstalling the Integrated Test Environment
- 5. When uninstalling the Integrated Test Environment, the following will be uninstalled
 - The Monitor Server
 - The wbmonitor WebSphere Process Server profile
 - The MONITOR database
 - DB2 Enterprise Service Edition V8.2.6 if it was installed by the Toolkit Installer
- 6. When uninstalling the Integrated Development Environment, the MME Plugins and the MME documentation Plugins will be uninstalled
- 7. After the uninstallation, delete \$(WID_HOME)\WBMonitor only if the whole Monitor Toolkit was uninstalled
- 8. Restart WebSphere Integration Developer using wid -clean

Appendix 3: Troubleshooting

- 1. If installing Monitor Integrated Test Environment on this Development machine:
 - a. Do not try to install on a machine that also has a Monitor installation of type, Advanced or Basic
 - b. Uninstall any previously installed pre-requisites (except DB2) and Monitor
 - c. The Monitor Toolkit will install DB2 8.2.6 if not already installed
 - d. Drop Monitor Database if it exists
 - e. Delete the pre-requisite directories and %temp% directory (echo %temp%)
 - f. After an initial Monitor Integrated Test Environment installation, to install a new version, uninstall Monitor using Add/Remove programs, drop Monitor DB, delete <WID_HOME>\WBMonitor directory
- 2. Useful files for debugging installation problems

Details: - When debugging installation problems, gather as much information as possible

Solution: - If you have a problem installing any of the Monitor components, include these files when you request assistance.

- All files in <MONOTOR_HOME>\install\logs
- The following files in the %TEMP% directory of the Administrator user

(C:\DOCUME~1\userid\LOCALS~1\Temp/)

launchpad-monitor.log launchpad-Traces.log Mon_Install.rsp WbimInstall.log

- The Process Server log file: SystemOut.log
- 3. Monitor Databases install failed

Details: - If Launchpad displays the status of Databases install as 'Failed' on the final Result panel

Solution: - Open DB2 Control Center and drop all Monitor databases

4. The Install Shield's vpd properties sometimes gets corrupted

Details: - If a monitor installation fails in an unexplained manner, the Install Shield product registry can get corrupted and you may need to clean things up.

Solution: - Follow the steps below:

a. Find for the **Gen2** directory in C:\Program Files\Common Files\InstallShield\Universal\common\Gen2 and delete it

🗁 C:\Program Files\Common Files\InstallShield\Universal\common\Gen2						
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u>	ools <u>H</u> elp			2		
🔇 Back 🔹 🕥 🖌 🏂 Search 🌔 Folders 🛛 🕼 🎲 🗶 🎽 🛄 🗸						
Address 🛅 C:\Program Files\Common Files\InstallShield\Universal\common\Gen2						
Name 🔺	Size	Туре	Date Modified	Attributes		
		File Folder	11/4/2006 3:06 PM			
•						

- b. Remove the Monitor registry entry in HKEY_LOCAL_MACHINE -> SOFTWARE -> IBM
- c. Remove the directory that Monitor is currently installed in
- d. If the Monitor databases are already installed, you need to drop them
- 5. How to manually uninstall Monitor features

Details: - If the Monitor uninstaller fails, you can manually uninstall the Monitor features.

Solution: - Follow the steps below:

- a. On Windows, the path is C:\Program Files\Common Files\InstallShield\Universal\common\Gen2. On AIX, the path is /usr/lib/objrepos/InstallShield/Universal/common/Gen2
- b. Remove the Monitor registry entry in HKEY_LOCAL_MACHINE → SOFTWARE → IBM
- c. Remove the directory that Monitor is currently installed in
- d. Remove install.vlf. On Windows, the path is %WINDIR% (echo %windir%). On AIX, the path is /usr/lib/objrepos

This page is left intentionally blank.