

TIBCO ActiveMatrix® Adapter Service Engine for Lotus Notes

Installation

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Preface



This software may be available on multiple operating systems. However, not all operating system platforms for a specific software version are released at the same time. Please see the readme.txt file for the availability of this software version on a specific operating system platform.

TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes provides two-way translation and communication between Lotus Notes database and the TIBCO environment. This manual describes how to install TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes.

Topics

- [Related Documentation, page viii](#)
- [Typographical Conventions, page x](#)
- [How to Contact TIBCO Support, page xii](#)

Related Documentation

This section lists documentation resources you may find useful.

TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes Documentation

The following documents form the TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes documentation set:

- *TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes Concepts* Read this manual before reading any other book in the documentation set. This manual describes the adapter, adapter features, and the applications with which the adapter interacts.
- *TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes Installation* Read this manual for instructions on how to install and uninstall the adapter service engine on Windows and UNIX platforms.
- *TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes Configuration and Deployment* Read this manual to learn how to create and configure adapter projects. Information on deploying adapter projects is also included.
- *TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes Examples* Read this manual to work through the examples provided with the adapter service engine.
- *TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes Release Notes* Read the release notes for information about new features, changed features, and open and closed issues.

Before TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes can be installed and used, you must install the TIBCO ActiveMatrix Adapter for Lotus Notes. The following documents form the standalone adapter documentation set:

- *TIBCO ActiveMatrix Adapter for Lotus Notes Concepts* Read this manual before reading any other book in the documentation set. This manual describes the adapter, adapter features, and the applications with which the adapter interacts.
- *TIBCO ActiveMatrix Adapter for Lotus Notes Installation* Read this manual for instructions on how to install and uninstall the standalone adapter on Windows and UNIX platforms.
- *TIBCO ActiveMatrix Adapter for Lotus Notes Configuration and Deployment* Read this manual to learn how to create and configure standalone adapter projects. Information on deploying adapter projects is also included.

- *TIBCO ActiveMatrix Adapter for Lotus Notes Examples* Read this manual to work through the examples provided with the adapter.
- *TIBCO ActiveMatrix Adapter for Lotus Notes Release Notes* Read the release notes for information about new features, changed features, and open and closed issues.

Other TIBCO Product Documentation

You may find it useful to read the documentation for the following TIBCO products:

- TIBCO ActiveMatrix® Administrator
- TIBCO ActiveMatrix BusinessWorks™
- TIBCO ActiveMatrix BusinessWorks™ Service Engine
- TIBCO ActiveMatrix® Service Grid
- TIBCO ActiveMatrix® Service Bus
- TIBCO Business Studio™
- TIBCO Enterprise Message Service™
- TIBCO Hawk®
- TIBCO Rendezvous®
- TIBCO Runtime Agent™

Third-Party Documentation

You may also find it useful to read the following IBM Lotus Notes documentation:

- *Lotus Notes Help*
- *Lotus Domino Server Documentation*
- *Lotus Domino Designer Documentation*

Typographical Conventions

The following typographical conventions are used in this manual.

Table 1 General Typographical Conventions

Convention	Use
<i>TIBCO_HOME</i> <i>ENV_HOME</i> <i>AMX_HOME</i>	<p>Many TIBCO products must be installed within the same home directory. This directory is referenced in documentation as <i>TIBCO_HOME</i>. The value of <i>TIBCO_HOME</i> depends on the operating system. For example, on Windows systems, the default value is C:\tibco.</p> <p>Other TIBCO products are installed into an installation environment. Incompatible products and multiple instances of the same product are installed into different installation environments. The directory into which such products are installed is referenced in documentation as <i>ENV_HOME</i>. The value of <i>ENV_HOME</i> depends on the operating system. For example, on Windows systems the default value is C:\tibco.</p> <p>TIBCO ActiveMatrix installs into a directory within <i>TIBCO_HOME</i>. This directory is referenced in documentation as <i>AMX_HOME</i>. The value of <i>AMX_HOME</i> depends on the operating system. For example on Windows systems, the default value is C:\tibco\amx\.</p> <p>TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes installs in a directory within <i>AMX_HOME</i>.</p>
code font	<p>Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example:</p> <p>Use MyCommand to start the foo process.</p>
bold code font	<p>Bold code font is used in the following ways:</p> <p>In procedures, to indicate what a user types. For example: Type admin.</p> <p>In large code samples, to indicate the parts of the sample that are of particular interest.</p> <p>In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, MyCommand is enabled:</p> <p>MyCommand [enable disable]</p>
<i>italic font</i>	<p>Italic font is used in the following ways:</p> <p>To indicate a document title. For example: See <i>TIBCO ActiveMatrix BusinessWorks Concepts</i>.</p> <p>To introduce new terms For example: A portal page may contain several portlets. <i>Portlets</i> are mini-applications that run in a portal.</p> <p>To indicate a variable in a command or code syntax that you must replace. For example: MyCommand <i>PathName</i></p>

Table 1 General Typographical Conventions (Cont'd)




Convention	Use
Key combinations	Key name separated by a plus sign indicate keys pressed simultaneously. For example: Ctrl+C. Key names separated by a comma and space indicate keys pressed one after the other. For example: Esc, Ctrl+Q.
	The note icon indicates information that is of special interest or importance, for example, an additional action required only in certain circumstances.
	The tip icon indicates an idea that could be useful, for example, a way to apply the information provided in the current section to achieve a specific result.
	The warning icon indicates the potential for a damaging situation, for example, data loss or corruption if certain steps are taken or not taken.

Table 2 Syntax Typographical Conventions

Convention	Use
[]	An optional item in a command or code syntax. For example: MyCommand [optional_parameter] required_parameter
	A logical OR that separates multiple items of which only one may be chosen. For example, you can select only one of the following parameters: MyCommand para1 param2 param3
{ }	A logical group of items in a command. Other syntax notations may appear within each logical group. For example, the following command requires two parameters, which can be either the pair param1 and param2, or the pair param3 and param4. MyCommand {param1 param2} {param3 param4} In the next example, the command requires two parameters. The first parameter can be either param1 or param2 and the second can be either param3 or param4: MyCommand {param1 param2} {param3 param4} In the next example, the command can accept either two or three parameters. The first parameter must be param1. You can optionally include param2 as the second parameter. And the last parameter is either param3 or param4. MyCommand param1 [param2] {param3 param4}

How to Contact TIBCO Support

For comments or problems with this manual or the software it addresses, please contact TIBCO Support as follows.

- For an overview of TIBCO Support, and information about getting started with TIBCO Support, visit this site:

<http://www.tibco.com/services/support>

- If you already have a valid maintenance or support contract, visit this site:

<https://support.tibco.com>

Entry to this site requires a user name and password. If you do not have a user name, you can request one.

Chapter 1

Installing TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes

This chapter describes the process of installing TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes.

Topics

- [Installation Overview, page 2](#)
- [Installation, page 6](#)
- [Uninstallation, page 9](#)

Installation Overview

This section provides an overview of the installer, the installation registry, and the additional software required before you can install TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes.

Installation Types

Two installation types are available: Typical and Custom.

- The Typical installation type installs all the products in the package on the specified platform.
- The Custom installation type allows you to select products and components.

Installer Account

Microsoft Windows

You must have administrator privileges for the machine on which TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes is installed.

If you do not have administrator privileges, the installer exits. You must then log out of the system and log in as a user with the required privileges, or request your system administrator to assign the privileges to your account.

If you intend to install the product on a network drive, you must ensure that the account used for installation has permission to access the network drive.



On Microsoft Windows 2003, before you start the installation, ensure that the files, `vpd.properties` and `vpd.properties.tibco.hostname`, are available in the `USER_HOME\Windows\` folder. If not, copy these files from `C:\Windows\` to the `USER_HOME\Windows\` directory.

UNIX

TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes can be installed by any type of user: regular (non-root) user and super-user (root).

A graphic environment such as CDE or XWindows is required to run the installer in GUI mode.

Installer Log File

The installer log file, `tibco_universal_installer.timestamp.username_install.txt`, is written to the `User_Home/.TIBCO` directory. For example, on Windows the installer log is written to the `C:\Documents and Settings\user-name\.TIBCO` directory. The installer log file captures the following information:

- Installation environment details such as user who invoked the installer, hostname, java home in the environment, Operating System details, etc.
- List of assemblies installed.

Disk Space Requirements

When a TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes installation package is unpacked, it is extracted into a temporary folder.

Temporary Disk Space Required on Microsoft Windows Platforms

On Microsoft Windows platforms, the entire package is extracted into a `temp` folder, typically:

`SystemDrive:\Temp`, or

`SystemDrive:\Documents and Settings\user_name\Local Settings\Temp`.

The installer requires 60 MB of free space in the `temp` folder.

Temporary Disk Space Required on UNIX Platforms

On UNIX platforms, the installer launcher first extracts a Java Virtual Machine (JVM) in a temporary directory and uses this JVM to launch itself. The size of the extracted JVM differs from platform to platform.

On UNIX platforms, the following disk space is required in the temporary area:

- On Solaris, 50 MB of free disk space in `/var/tmp`
- On AIX, 50 MB of free disk space in `/var/tmp`
- On Linux, 50 MB of free disk space in `/tmp`

If your system does not have sufficient free disk space in the temporary area specified, you can run the installer in a different temporary area by using the following option when starting the installer:

```
install_package_name.bin -is:tempdir /new_tmp
```

where `/new_tmp` has sufficient free disk space.

Disk Space Requirements in User's Home Directory

On UNIX platforms, when a regular (non-root) user installs a TIBCO product, the installation registry (two vpd files) is maintained in the user's home directory. As more products are installed, entries are added into these vpd files.

The user's home directory must at least have 500 KB of free disk space.

Software Requirements

Table 3 lists the pre-requisite and compatible software.

Table 3 Required and Supported Software

Component	Purpose
TIBCO ActiveMatrix Adapter for Lotus Notes	Required. Must be installed before installing TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes.
Any one of the following products must be installed before installing TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes. See <i>TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes readme.txt</i> for the supported versions.	
TIBCO ActiveMatrix Service Grid	TIBCO ActiveMatrix Service Grid is a scalable and extensible platform for developing, deploying, and managing applications that conform to a service-oriented architecture.
TIBCO ActiveMatrix Service Bus	TIBCO ActiveMatrix Service Bus provides service mediation capabilities to the TIBCO ActiveMatrix SOA platform. Service mediation allows you to easily adapt to changing requirements by providing an easy-to-use interface for developing mediation flows.
TIBCO ActiveMatrix BusinessWorks Service Engine	TIBCO ActiveMatrix BusinessWorks Service Engine provides an ActiveMatrix container to deploy ActiveMatrix BusinessWorks projects using the TIBCO ActiveMatrix Administrator.

Supported Platforms

[Table 4](#) and [Table 5](#) list the platforms supported by TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes.

Table 4 Supported Platforms and Disk Space for Microsoft Windows

Platform	Hardware	Disk Space
Microsoft Windows XP Professional	x86	28.2 MB
Microsoft Windows Server 2003		
Microsoft Windows Server 2008		

For UNIX platforms, your operating system must meet the minimum patch requirements listed in [Table 5](#).

Table 5 Supported Platforms, Patches, and Disk Space for UNIX Systems

Platform	Minimum Patch(es)	Hardware	Disk Space
Solaris 10	Ensure that you have the latest J2SE Cluster Patches for Solaris.	SPARC	19.2 MB
IBM AIX 5.3		POWER	31.4 MB
Red Hat Enterprise Linux 4.x		x86	28 MB
Red Hat Enterprise Linux 5.x		x86	28 MB
SUSE Linux 10		x86	28 MB

Installation

The following sections describe the installation process in the available installation modes.



Ensure that you install TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes in `AMX_HOME`, which is the TIBCO ActiveMatrix

Installing in GUI Mode

To install the product in GUI mode:

1. Open the physical media or download the TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes package.
2. Extract the product's archive file to a temporary directory.
3. Navigate to the temporary directory.
4. Run **TIBCOUniversalInstaller**. You can do so in one of the following ways:
5. Double-click the installer icon.
6. On the command prompt, provide the absolute path of the installer file on without specifying any options. The installer defaults to GUI mode.
7. The Welcome screen appears. Click **Next**.
8. The License Agreement screen appears. After reading through the license text, click **I accept the terms of the license agreement** and then click **Next**.
9. The Important Notice screen appears. Read through the information and click **Next**. The Installation Environment screen appears.
10. In the Environment drop-down list, select the installation environment click **Next**. The environment was created when the pre-requisite software was installed.
11. Select **Typical** to install all the available features or **Custom** to choose the features to install. Click **Next**.
12. If you selected Typical, proceed to [step 13](#). If you selected **Custom**, the Product Features screen appears listing the components available for installation. By default, all the components are selected. Clear the checkboxes next to the components you don't need. Click **Next**.
13. The Pre Install summary screen appears. Verify the list of products selected for install and then click **Install**. Click **Yes to All** to close any popup windows that display during installation.

14. The Post Install Summary screen appears. This screen summarizes the installation process. Click **Finish** to complete the installation process and close the installer window.

Files are installed in:

```
AMX_HOME\extensions\ase
ENV_HOME\components\eclipse\plugins
ENV_HOME\components\eclipse\features
AMX_HOME\extensions\adlnse\6.0\doc
AMX_HOME\extensions\adlnse\6.0\samples
```

Installing in Console Mode

To install the software in console mode:

1. Open the physical media or download the TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes package.
2. Extract the product's archive file to a temporary directory.
3. Using a console window, navigate to the temporary directory.
4. Run **TIBCOUniversalInstaller -console**.
5. Complete the installation by responding to the console window prompts.



While running in the console mode, you can use the following keys to move through the installation process:

Enter: Moves forward in the installer.

BackSpace or 2: Goes back to the previous screen.

3: Cancels the Wizard and exits the installation or uninstallation.

5: Redisplays the current screen.

Installing in Silent Mode

In silent mode, the universal installer does not prompt for any inputs during installation. Instead, the inputs are read from a response file that can be provided as a command-line parameter.

The `TIBCOUniversalInstaller.silent` file is packaged in the directory that contains the universal installer. You must edit the file with information for your environment before launching the silent installation. The file includes comments that describe the installation properties you can set. While you can use the `TIBCOUniversalInstaller.silent` file, it's good practice to copy the file to a different name and use that file for the silent install.

The following procedure explains how to install a TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes in silent mode.

1. Open the physical media or download the TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes package.
2. Extract the product's archive file to a temporary directory.
3. Using a console window, navigate to the temporary directory.
4. Make a copy of the `TIBCOUniversalInstaller.silent` file and rename the file.
5. Using a text editor, open the copied file and update the install location and features to install.
6. Run the following:

Windows `TIBCOUniversalInstaller.cmd -silent -V
responseFile="myfilename.silent"`

UNIX `TIBCOUniversalInstaller -silent -V
responseFile="myfilename.silent"`

When installation completes, a line similar to the following is written to the installer log file:

`Install, com.tibco.installer.util.TIBCOInstaller, dbg.Debug,
The installation has completed. Please check the log file for
additional information.`

Post-Installation Procedures

- When you start TIBCO Business Studio for the first time after installing TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes, ensure that you use the `-clean` option.
- If any errors occur during installation, they will be listed in the installation log files located `C:\Documents and Settings\user_name\.TIBCO`.

Typically, on Microsoft Windows the post installation log file is located in `C:\Documents and Settings\user_name\.TIBCO\ENV_HOME`.

Uninstallation

Before uninstalling the TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes component, ensure that you deactivate the container for the node where the TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes component is installed.

To uninstall the adapter service engine component:

1. Navigate to *TIBCO_HOME_uninstall* directory and run **universal_uninstall**.
2. Choose the **Custom Uninstall** option.
3. Select the check box for the TIBCO ActiveMatrix Adapter Service Engine for Lotus Notes and clear the checkboxes for the other listed products. Click **Next**.
4. In the Pre Uninstall Summary screen, click **Finish** to exit the uninstall wizard. After uninstalling the software, the uninstaller may prompt you to reboot your computer.
5. Clean up directories. After running the uninstaller, manually delete the following directory under *ENV_HOME\components\eclipse\plugins*:
 - `com.tibco.adln.tpvl.ibmdrivers_1.0.0.003`

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