

TIBCO Business Studio™ for Analysts

Installation

*Software Version 3.6.0
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Contents

Installing TIBCO Business Studio for Analysts	3
System Requirements	3
Supported Platforms	3
Minimum Disk Space and Memory Requirements	4
Third-party Software Requirements	4
Compatibility	4
Installer Accounts	4
Installation Directories	5
Installer Log File	5
Environment Information	5
Installing in GUI Mode on Windows	6
Installing in GUI Mode on Linux	6
Installing in GUI Mode on Apple Mac	7
Installing in Silent Mode (All Platforms)	8
Perform Post Installation Upgrade Tasks	8
Deletion of the Temporary Installation Files	8
Running on Windows 7	8
How to Access the Internet when using a Proxy Server	8
Uninstalling TIBCO Business Studio for Analysts	10
Using the Uninstaller	10
Using Add Remove Programs (Windows Only)	10

Installing TIBCO Business Studio for Analysts

TIBCO Business Studio for Analysts can be installed in GUI mode or silent mode.

Before installing TIBCO Business Studio for Analysts you need to ensure that you have the correct system requirements.

After installation, there are post installation tasks you may need to perform.

System Requirements

Make sure that your target computer meets the necessary system requirements to install TIBCO Business Studio for Analysts.

The system requirements are also listed in the readme file, which is available on the product DVD in the \docs folder or from the TIBCO download site.

Supported Platforms

TIBCO Business Studio is supported on Windows, Apple Mac OS X and Linux/UNIX platforms, which are listed in detail in this section.

 **Note:** The 32 bit Windows version of TIBCO Business Studio is supported on both 32 and 64 bit Windows platforms; Linux has x86 and x64 (32 bit and 64 bit) distributions.

 **Caution:** Microsoft have discontinued standard support for Windows XP. (Extended support is still available but must be purchased from Microsoft.)

TIBCO will continue to support TIBCO Business Studio on Windows XP. However, if a problem with TIBCO Business Studio is reported to TIBCO Support, and the problem is traced to the Windows XP operating system, TIBCO Support will be unable to assist further in the resolution of that problem.

TIBCO therefore recommend that you use Windows 7 or Windows 8 instead of Windows XP on any system that runs TIBCO Business Studio.

For full details of the platform variants supported, please refer to the README supplied with the product.

Microsoft Windows:

- Windows 7
- Windows 8

Microsoft Windows Server:

- Windows Server 2008
- Windows Server 2008 R2, 2012

 **Note:** Windows 7 Professional is the minimum level supported by TIBCO.

Apple Mac OS X:

- 10.8.x

Linux/UNIX software distribution packages and supported versions:

Novell SUSE Linux Enterprise Server

- 10.x, 11.x

Red Hat Enterprise Linux Advanced Platform

- 5.x

Red Hat Enterprise Linux Server

- 5.x, 6.x

 **Note:** The maximum number of open files/file descriptors that a user can open is controlled by the operating system. The threshold on Linux is typically too low for use with TIBCO Business Studio and has to be increased. The exact number depends on the features selected during installation and the size of the workspace but our experience is that 10000 is plenty. You can find out the number on your system using `ulimit -n` from a Terminal window.

Minimum Disk Space and Memory Requirements

TIBCO Business Studio for Analysts requires certain minimum disk space and memory requirements.

- Memory: minimum 1 GB RAM; the recommended level is 2 GB, or more depending on project sizes.

Third-party Software Requirements

Additional third-party software is required when you install TIBCO Business Studio for Analysts.

The following software is required:

- JRE 1.7.x (included in installation). We recommend that users stay up to date with Java patches issued by Oracle.
- Eclipse SWT (Standard Web Toolkit) GTK

The TIBCO Business Studio installer for Linux 32 and 64 bit distributions downloads the Eclipse SWT GTK module which contains these two items:

- The Free Software Foundation, Gnome Binding
- The Free Software Foundation, GTK+ Binding

The zip files required are as follows:

- `product_tibco_eclipse_lgpl_3.4.2.001_linux24gl23_x86.zip`
- `product_tibco_eclipse_lgpl_3.4.2.001_linux24gl23_x86_64.zip`

An installation dialog comes up for accepting the license and then gives an option to download the assembly from the TIBCO public website or select it from the disk.

Compatibility

TIBCO Business Studio for Analysts version 3.6.0 is compatible with specific versions of other TIBCO products.

The products that TIBCO Business Studio for Analysts version 3.6.0 (including Forms version 2.5.0) is compatible with are as follows:

- TIBCO ActiveMatrix BPM version 2.2.0
- TIBCO Nimbus version 8.1.2 - 8.1.x
- ARIS Business Designer 7.2

Installer Accounts

You require certain privileges to install TIBCO Business Studio for Analysts on Windows and Linux platforms.

Microsoft Windows

You must have administrator privileges for the machine on which TIBCO Business Studio for Analysts 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.

 **Note:** After installing TIBCO Business Studio for Analysts with administrator privileges, do not use the same account to create a workspace for the user. Instead, individual users should start TIBCO Business Studio for Analysts from the account with which they intend to use TIBCO Business Studio for Analysts, and create their own workspace to avoid potential issues with permissions.

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.

Installation Directories

TIBCO recommends that you install each version of TIBCO Business Studio for Analysts into a new, empty installation environment (separate from earlier versions of TIBCO Business Studio or other TIBCO products).

 **Note:** You should create a new workspace for each installation of TIBCO Business Studio for Analysts.

To do this, install TIBCO Business Studio for Analysts as described in *Installing in GUI Mode on Windows*. Specify a new, empty directory or create a new, empty directory as the environment location.

You may install TIBCO Business Studio for Analysts into an existing installation environment if:

- you are reinstalling the same edition and version of TIBCO Business Studio for Analysts in order to repair a corrupt installation.
- you are sure none of the existing products in that installation environment conflict with the edition of TIBCO Business Studio for Analysts that you are installing.

Installer Log File

The installer log file is written to different locations depending on whether it is installed on Windows or Linux platforms.

Windows 7, Windows 8, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012

`User_Home\TIBCO\install_Identifier` directory where *Identifier* is in the form of the date and time TIBCO Business Studio for Analysts was installed and a unique number used to identify this particular installation of TIBCO Business Studio for Analysts.

For example, `C:\Documents and Settings\user-name\TIBCO\install_03-02-2010.132827`

Linux\UNIX

`$HOME/.TIBCO/install_Identifier` directory where *Identifier* is in the form of the date and time TIBCO Business Studio for Analysts was installed and a unique number used to identify this particular installation of TIBCO Business Studio for Analysts.

For example, `/home/user1/.TIBCO/install_03-02-2010.132827`

Environment Information

Environment information for TIBCO Business Studio for Analysts is contained in the file `_envInfo.xml` .

The file `_envInfo.xml` is written to the following location for Windows: `C:\Program Files\Common Files\InstallShield\Universal\TIBCO\Gen1_vpddb`

Installing in GUI Mode on Windows

You can install TIBCO Business Studio for Analysts in GUI Mode on Windows.

Log in to the system on which you want to install TIBCO Business Studio for Analysts (for more information, see [Installer Accounts](#)).

Open the physical media or download the TIBCO Business Studio package to the machine on which you want to install TIBCO Business Studio. Extract the installation files to a temporary directory.

1. Double-click **TIBCOUniversalInstaller**.
2. Review the information in the **Welcome** dialog and click **Next**. The **TIBCO Business Studio - Analyst Edition 3.6.0 License Agreement** dialog is displayed.

Review the terms of the license agreement and, if you agree to them, click **I accept the terms of the license agreement**. Then click **Next** to continue with the installation.

If you do not agree to the terms of the license agreement, click **Cancel** to exit from the installation process.

3. The **TIBCO Installation Home** dialog appears. `TIBCO_HOME` is the preferred top level installation directory for all TIBCO products on your system. Select either:
 - **Create a new TIBCO_HOME**. Click **Browse** to specify an environment location (a directory path to an empty folder into which the software will be installed), or accept the default environment location (which is the last directory in the path selected).
 - **Use an existing TIBCO_HOME**. Select an existing `TIBCO_HOME` from the drop-down list.

The installer automatically creates an environment name for the location you specify. The default environment name is `studio-analyst-3.6`. If this is not the first installation of TIBCO software, you can edit the environment name to differentiate this subsequent installation of TIBCO software from the first.

Click **Next**.

4. The Business Analyst profile is selected (this is the only profile available for TIBCO Business Studio for Analysts). The right hand pane displays the features that are selected for the profile. Click **Next**.
 -  **Note:** You will not need to use Customize Installation which is available but unchecked, as this product only contains one feature.
5. After the installer configures your installation choices, the **Pre-Install Summary** dialog is displayed. Review the information displayed in the dialog and make sure that it is correct. If you want to change any of your choices, click **Back** to step back through the dialogs to the appropriate point and make your choices again. When you are satisfied with your choices, click **Install**.
6. Once the installer has finished the installation tasks, the **Running Product ANT Tasks** dialog is displayed. Click **Show Details** to see the tasks that the installer is performing.
7. The **Post-Install Summary** dialog is displayed. Click **Finish** to exit from the installer. There is a slight delay while the installer deletes temporary files.
 -  **Note:** If you are installing on Windows 7, you may see a pop-up stating "This program might not have installed correctly". This is due to an incompatibility between InstallShield and Windows 7, but should not affect your TIBCO Business Studio for Analysts installation.

Complete the post-installation tasks described in [Perform Post Installation/Upgrade Tasks](#)

Installing in GUI Mode on Linux

You can install TIBCO Business Studio for Analysts on Linux platforms.

Log in to the system on which you want to install TIBCO Business Studio for Analysts (for more information, see [Installer Accounts](#)).

Open the physical media or download the TIBCO Business Studio for Analysts package to the machine on which you want to install TIBCO Business Studio for Analysts. Extract the installation files to a temporary directory.

1. Run the shell script `TIBCOUniversalInstaller-lnx-xnn.bin`.
2. Follow the installation steps which will be similar to those in [Installing in GUI Mode on Windows](#) other than the following:
 - Accept the Gnome License Agreement which uses the LGPL License
 - Click on **Download Gnome Binding assembly from TIBCO**.

Installing in GUI Mode on Apple Mac

This procedure explains how to install TIBCO Business Studio for Analysts in GUI mode on an Apple Mac.

Log in to the system on which you want to install TIBCO Business Studio for Analysts (for more information, see [Installer Accounts](#)).

Open the physical media or download the TIBCO Business Studio for Analysts package to the machine on which you want to install TIBCO Business Studio for Analysts.

Extract the installation files to a temporary directory.

1. Open a terminal window, go to the temporary directory you have created, and type **TIBCOUniversalInstaller-mac.bin**.
2. Review the information in the **Welcome** dialog and click **Next**.

Review the terms of the license agreement and, if you agree to them, click **I accept the terms of the license agreement**. Then click **Next** to continue with the installation.

If you do not agree to the terms of the license agreement, click **Cancel** to exit from the installation process.

3. **TIBCO_HOME** is the preferred top level installation directory for all TIBCO products on your system. From the TIBCO Installation Home dialog, select either:
 - **Create a new TIBCO_HOME**. Click **Browse** to specify an environment location (a directory path to an empty folder into which the software will be installed), or accept the default environment location (which is the last directory in the path selected).
 - **Use an existing TIBCO_HOME**. Select an existing TIBCO_HOME from the drop-down list.

The installer automatically creates an environment name for the location you specify. The default environment name is `studio-bpm-3.6`. If this is not the *first* installation of TIBCO software, you can edit the environment name to differentiate this subsequent installation of TIBCO software from the first.

Click **Next**.

4. After the installer configures your installation choices, the **Pre-Install Summary** dialog is displayed. Review the information displayed in the dialog and make sure that it is correct. If you want to change any of your choices, click **Back** to step back through the dialogs to the appropriate point and make your choices again. When you are satisfied with your choices, click **Install**.
5. Once the installer has finished the installation tasks, the **Running Product ANT Tasks** dialog is displayed. Click **Show Details** to see the tasks that the installer is performing.
6. The **Post-Install Summary** dialog is displayed. Click **Finish** to exit from the installer. There is a slight delay while the installer deletes temporary files.

Installing in Silent Mode (All Platforms)

You can install TIBCO Business Studio for Analysts in silent mode on all platforms.

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.

If errors occur during installation, they will be listed in the installation log file (see the *User_Home/.TIBCO* directory).

1. Open the physical media or download the TIBCO Business Studio for Analysts product package.
2. Extract the TIBCO Business Studio for Analysts product archive file to a temporary directory.
3. Using a console window, navigate to the temporary directory that contains the universal installer.
4. Copy the TIBCOUniversalInstaller.silent file and name the file.
5. Using a text editor, open the copied file and update the install location, and the list of features to install.
6. Run the installer: `TIBCOUniversalInstaller -silent -V responseFile="myfilename.silent"`

If you are using the TIBCOUniversalInstaller.silent file, you need not supply the file name and can run: `TIBCOUniversalInstaller -silent`.

 **Note:** If you are installing Asset Central and Windows firewall alerts are displayed, click **Unblock** so Asset Central can be installed.

A line similar to the following is written to the installer log file when installation completes:

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

Complete the post-installation tasks described in [Perform Post Installation/Upgrade Tasks](#) .

Perform Post Installation Upgrade Tasks

After installation, there are a number of tasks you can perform to ensure that your system runs efficiently.

Deletion of the Temporary Installation Files

If you want to recover the disk space used by the installation files that you extracted to a temporary directory in the installation, delete them.

Running on Windows 7

If you are not in the local Administrators group, you must change the privilege level for TIBCO Business Studio for Analysts to **Run this program as Administrator** in order for TIBCO Business Studio for Analysts to run properly in Windows 7:

1. Browse to the location of your TIBCO Business Studio for Analysts.exe, for example `TIBCO_HOME\studio` .
2. Right-click TIBCO Business Studio for Analysts.exe and select **Properties**. The Properties dialog is displayed.
3. Select **Compatibility**. In **Privilege Level**, select **Run this program as Administrator**.

How to Access the Internet when using a Proxy Server

If you are using a proxy server, when TIBCO Business Studio for Analysts is set up you need to configure it to use your proxy.

Uninstalling TIBCO Business Studio for Analysts

You can uninstall TIBCO Business Studio for Analysts from your system.

-  **Note:** When you uninstall, some files are currently left behind that are not user data. You can remove these files manually if required.

Linux\UNIX

1. Open a terminal.
2. Navigate to STUDIO_HOME/_uninstall.
3. Run the uninstaller named TIBCOUniversalInstaller-lnx-x86.bin.

Windows

Do one of the following:

- Use the uninstaller provided with TIBCO Business Studio for Analysts.
- Remove the installation using the **Add/Remove Programs** option on your PC (**Programs and Features** on Windows 7, Windows 8, Windows Server 2008, Windows Server 2008 R2 and Windows Server 2012).

-  **Note:** When you installed TIBCO Business Studio for Analysts, if the installer detected a suitable Java Virtual Machine (JVM), that JVM is used by TIBCO Business Studio for Analysts. The uninstallation will fail if you remove the JVM used by TIBCO Business Studio for Analysts before removing TIBCO Business Studio for Analysts. If this happens, you can use the command line to uninstall with the `-is:javahome` option. To do this, navigate to the `installation_environment_uninstall` folder and enter the following command:
`universal_uninstall.exe -is:javahome.`

Using the Uninstaller

You can uninstall TIBCO Business Studio for Analysts using the uninstaller.

1. Log into the system on which you want to uninstall software.
2. Launch the uninstaller as described in the previous section. For example, from `C:\Studio\Analyst-360\tools\universal_installer`.
3. The **Welcome** dialog is displayed. Click **Next**.
4. Select **Typical** to uninstall all products in the environment.
5. The **Ready to Uninstall** dialog is displayed.

If you want to change any of your choices, click **Back** to step back through the dialogs to the appropriate point. You can then restart the uninstallation process from that point.

6. When you are satisfied with your choices, click **Uninstall**.

The uninstaller removes the software product you specified.

-  **Note:** The TIBCO Business Studio for Analysts entries in the Start menus may appear after the uninstallation. To correct this log out, then log in again.

Using Add Remove Programs (Windows Only)

You can remove the installation using the **Add/Remove Programs** option on your PC.

1. Log in to Windows as a user with system administrator privileges. You must have system administrator privileges to uninstall this software.

2. In the **Control Panel**, double-click **Add or Remove Programs**.
3. In the **Add/Remove Programs** dialog, select **TIBCO Universal Installer**(*installation_environment_n*), where *installation_environment_n* is the directory corresponding to the installation environment you want to uninstall. If you have installed more than one TIBCO product, there will be multiple entries in **Add/Remove programs** (for example, **TIBCO Universal Installer (c:\tibco\env_1)**, **TIBCO Universal Installer (c:\tibco\env_2)**, and so on).
4. Click **Change/Remove**.

The uninstaller launches. Follow the uninstallation steps in [Using the Uninstaller](#).

-  **Note:** The uninstaller may not completely remove files that have been modified since the initial installation (for example, the configuration directory). If you do not need any of the other remaining files, manually delete them.