

IBM SPSS Modeler Text Analytics Installation Instructions (Network License)

The following instructions are for installing IBM® SPSS® Modeler Text Analytics version 15 using a network license. This document is for end users who are installing IBM SPSS Modeler Text Analytics on their desktop computers. If you are a network administrator, see the *Network License Administrators Guide* for information about setting up the network license and distributing the product to end users.

During installation, you will be prompted for the following information. Contact your site administrator if you do not have the following information.

Name:

Organization:

License Manager Server Name or IP Address:

System Requirements for IBM SPSS Modeler Text Analytics

For details of the minimum hardware and software requirements for IBM® SPSS® Modeler Text Analytics please refer to the IBM® SPSS® Modeler installation guides.

Upgrading to IBM SPSS Modeler Text Analytics Version 15

Upgrading from previous versions of PASW Text Analytics or Text Mining for Clementine

Before installing IBM® SPSS® Modeler Text Analytics version 15 you should save and export any TAPs, templates, and libraries from your current version that you want to use in the new version. We recommend that you save these files to a directory that will not get deleted or overwritten when you install the latest version.

After you install the latest version of SPSS Modeler Text Analytics you can load the saved TAP file, add any saved libraries, or import and load any saved templates to use them in the latest version.

Important! If you uninstall your current version without saving and exporting the files you require first, any TAP, template, and public library work performed in the previous version will be lost and unable to be used in SPSS Modeler Text Analytics version 15.

Installing IBM SPSS Modeler Text Analytics

Your administrator might have given you an installation disk or identified a network location from which to install. Check with your administrator if you do not know how you are supposed to install IBM® SPSS® Modeler Text Analytics .

Note: To install IBM SPSS Modeler Text Analytics , you must be logged on to your computer with administrator privileges.

Installing from a Downloaded File

Windows XP

- ▶ Double-click the file that you downloaded and extract the files to some location on your computer.
- ▶ Using Windows Explorer, browse to the location where you extracted the files and double-click *setup.exe*.
- ▶ Follow the instructions that appear on the screen. See [Notes for Installation](#) for any special instructions.

Windows Vista or Windows 7

You must run the installer as administrator:

- ▶ Double-click the file that you downloaded and extract all the files to some location on your computer.
- ▶ Using Windows Explorer, browse to the location where you extracted the files.
- ▶ Right-click *setup.exe* and choose Run as Administrator.
- ▶ Follow the instructions that appear on the screen. See [Notes for Installation](#) for any special instructions.

Installing from the DVD

Windows XP

- ▶ Insert the DVD into your DVD drive. The AutoPlay feature presents a menu.
- ▶ On the AutoPlay menu, click Install Text Analytics for IBM® SPSS® Modeler 15, and then follow the instructions that appear on the screen. See [Notes for Installation](#) for any special instructions.

Windows Vista or Windows 7

You must run the AutoPlay as administrator:

- ▶ Close the AutoPlay window that automatically appeared when you inserted the DVD into your DVD drive.

- ▶ Using Windows Explorer, browse to the DVD drive.
- ▶ Right-click *setup.exe* at the root of the DVD and choose Run as Administrator.
- ▶ On the AutoPlay menu, click Install Text Analytics for IBM® SPSS® Modeler 15, and then follow the instructions that appear on the screen. See [Notes for Installation](#) for any special instructions.

Invoking the Setup Program Manually

You can also invoke the Setup program manually:

- ▶ From the Windows Start menu, choose Run.
- ▶ In the Run dialog box, type `D:\setup`. (If you are not using *D* as the DVD drive, enter the appropriate drive location.)
- ▶ Follow the instructions that appear on the screen. See [Notes for Installation](#) for any special instructions.

Installing from a Network Location

- ▶ Using Windows Explorer, browse to the location that your administrator provided for the *setup.exe* file.
- ▶ If your computer is running Windows Vista or 7, right-click *setup.exe* and choose Run as Administrator. Otherwise, double-click the file.
- ▶ On the AutoPlay menu, click Install Text Analytics for IBM® SPSS® Modeler 15, and then follow the instructions that appear on the screen. See [Notes for Installation](#) for any special instructions.

Notes for Installation

This section contains special instructions for this installation.

Licensing. A separate license is required to activate and access this product. In order to access the functionality, you must license IBM® SPSS® Modeler Text Analytics through the IBM® SPSS® Modeler Client license wizard. For more information, refer to the SPSS Modeler installation guides.

Installation path. You cannot install SPSS Modeler Text Analytics in a custom location. It must adhere to the pre-installed IBM® SPSS® Modeler directory structure. To change directory structures, refer to the section later in this guide.

Maximum number of categories. The maximum number of categories that can be loaded for display in the user interface is set to 10,000 to prevent excessively slow loading and memory consumption. A warning is displayed to the user if this limit is reached. If it is necessary to amend the limit, you can change the value of `iMaxTaxonomyCats` in the properties file: `C:\Program Files\IBM\SPSS\Modeler\15\ext\lib\spss.TMWBCClient\conf\ta_client_conf.properties` and restart the Interactive Workbench.

Maximum number of cooccurrence links. The maximum number of cooccurrence links that can be loaded for display in the user interface is set to 10,000 to prevent excessively slow loading and memory consumption. If this limit is reached it is possible that the display will freeze due to there being too many links to show. If it is necessary to amend the limit, you can change the value of `iMaxCooccurrenceLinksDisplay` in the properties file: `C:\Program Files\IBM\SPSS\Modeler\15\ext\lib\spss.TMWBClient\conf\ta_client_conf.properties`.

Adobe Reader version. In order to extract text from Adobe PDFs, Adobe Reader version 9 must be installed on the machine where SPSS Modeler Text Analytics and IBM® SPSS® Modeler Text Analytics Server reside. **Note:** Do not upgrade to Adobe Reader version 10 or later because it does not contain the required filter.

License manager server name or IP address. This is the IP address or the name of the server on which the network license manager is running. If you have multiple addresses or names, separate them with a colon (for example, `server1:server2:server3`). Contact your administrator if you do not have this information.

Changing Data Directories

By default, IBM® SPSS® Modeler Text Analytics will use the default installation locations to update and write files as necessary in the normal operation of SPSS Modeler Text Analytics .

IBM SPSS Modeler Text Analytics Client

- On the client, data is written to a database found that is installed by default to `C:\Program Files\IBM\SPSS\Modeler\15\ext\lib\spss.TMWBClient\tmwb_15.db`. To use a different data directory, specify the new directory using the instructions in the file `tmfc_client_conf.properties` in the directory `C:\Program Files\IBM\SPSS\Modeler\15\ext\lib\spss.TMWBClient\Defaults\`

IBM SPSS Modeler Text Analytics Server

On the server, output is written to both the web services log file and session directories as well as to temporary files. For the server, the default server installation directory is `C:\Program Files\IBM\SPSS\Modeler\15\ext\bin\spss.TMWBServer\`

- By default, the log file is `<server_install_directory>\bin\logs\wrapper.log`. To use another file or directory, update the `wrapper.logfile=` value specified in the configuration file, `<server_install_directory>\bin\wrapper.conf`. **Note:** If you specify a new directory, you must ensure that the directory exists.
- By default, the session directory is `<server_install_directory>\Session`. To use another file or directory, specify the new location in the configuration file, `<server_install_directory>\conf\pasw_ta_server.conf`, using the instructions also contained in this file.
- Temporary files are created (and deleted) automatically on the server during typical use. By default, they are written to `<server_install_directory>\bin`. To use another directory for temporary files, update the `attachmentDIR` parameter value specified in the configuration file, `<server_install_directory>\conf\axis2.xml` **Note:** If you specify a new directory, you must ensure that the directory exists.

After You Install IBM SPSS Modeler Text Analytics

If you are installing IBM® SPSS® Modeler Text Analytics on Windows Vista you must complete an additional step after you complete the installation:

- ▶ Add modify permissions to the file:
C:\ProgramData\IBM\SPSS\TextAnalytics\15\tmwb_15.db. This prevents various errors being created when trying to load templates or execute a text mining model builder.

Enabling Access for a Non-Administrator User

If you are installing IBM® SPSS® Modeler Text Analytics on either Windows Vista or Windows 7, for use by a user without Administrator rights, you must complete some additional steps:

- ▶ Create a location to be the new working directory for IBM SPSS Modeler Text Analytics , such as C:\TextData, and ensure it has read and write permissions for a standard user.
- ▶ Open the *tmfc_client_conf.properties* file located in
<Modeler_install_directory>\ext\lib\spss.TMWBClient\conf
- ▶ Modify the line: *#tmfc_client_data_dir = c:/data/IBM_SPSS_Text_Analytics_Client* to read:
Tmfc_client_data = c:/TextData.
- ▶ Copy the *tmwb_15.db* file from C:\ProgramData\IBM\SPSS\TextAnalytics\15 to C:\TextData.
- ▶ Open the *ta_server.conf* file located in
<Modeler_install_directory>\bin\spss.TMWBServer\conf
- ▶ Modify the line: *#tmfc_server_data_dir=c:/data/IBM_SPSS_TAServer* to read:
#tmfc_server_data_dir=c:/TextData.
- ▶ Open the *axis2.xml* file located in
<Modeler_install_directory>\bin\spss.TMWBServer\conf
- ▶ Modify the line: *<parameter name="attachmentDIR">./</parameter>* to read: *<parameter name="attachmentDIR">c:/TextData</parameter>.*
- ▶ If the user will be analyzing text containing Japanese characters, open the *ILUWKWD.ini*, *ILUWDPD.ini*, and *ILUWSNS.ini* files located in
<Modeler_install_directory>\bin\spss.TMWBServer.
- ▶ In each file, modify the line: *Logfilepath=<filename>.log* to read:
Logfilepath=c:/TextData<filename>.log.

where *<filename>* is the name of the particular *.ini* file being edited.

- ▶ Add modify permissions to these directories:
<Modeler_install_directory>\ext\bin\spss.TMWBServer and
<Modeler_install_directory>\ext\lib\spss.TMWBClient. This prevents various errors being created when trying to load templates or execute a text mining model builder.

Uninstalling IBM SPSS Modeler Text Analytics

To completely uninstall IBM® SPSS® Modeler Text Analytics :

- ▶ If you want to reuse your published libraries and resources, you must back up before uninstalling and then restore after having reinstalled. To back up, go to the Resource Editor view and choose Resources > Backup Tools > Backup Resources from the menus.
- ▶ Use the Windows Control Panel to remove IBM SPSS Modeler Text Analytics .

Note: Uninstalling IBM® SPSS® Modeler will not uninstall IBM SPSS Modeler Text Analytics . Begin by uninstalling IBM SPSS Modeler Text Analytics followed by uninstalling SPSS Modeler.