teradata.

Teradata® Studio™ and Studio™ Express

Installation Guide

Copyright and Trademarks

Copyright © 2006 - 2021 by Teradata. All Rights Reserved.

All copyrights and trademarks used in Teradata documentation are the property of their respective owners. For more information, see Trademark Information.

Product Safety

Safety type	Description
NOTICE	Indicates a situation which, if not avoided, could result in damage to property, such as to equipment or data, but not related to personal injury.
⚠ **CAUTION**	Indicates a hazardous situation which, if not avoided, could result in minor or moderate personal injury.
⚠ **WARNING**	Indicates a hazardous situation which, if not avoided, could result in death or serious personal injury.

Third-Party Materials

Non-Teradata (i.e., third-party) sites, documents or communications ("Third-party Materials") may be accessed or accessible (e.g., linked or posted) in or in connection with a Teradata site, document or communication. Such Third-party Materials are provided for your convenience only and do not imply any endorsement of any third party by Teradata or any endorsement of Teradata by such third party. Teradata is not responsible for the accuracy of any content contained within such Third-party Materials, which are provided on an "AS IS" basis by Teradata. Such third party is solely and directly responsible for its sites, documents and communications and any harm they may cause you or others.

Warranty Disclaimer

Except as may be provided in a separate written agreement with Teradata or required by applicable law, the information available from the Teradata Documentation website or contained in Teradata information products is provided on an "as-is" basis, without warranty of any kind, either express or implied, including the implied warranties of merchantability, fitness for a particular purpose, or noninfringement.

The information available from the Teradata Documentation website or contained in Teradata information products may contain references or cross-references to features, functions, products, or services that are not announced or available in your country. Such references do not imply that Teradata Corporation intends to announce such features, functions, products, or services in your country. Please consult your local Teradata Corporation representative for those features, functions, products, or services available in your country.

The information available from the Teradata Documentation website or contained in Teradata information products may be changed or updated by Teradata at any time without notice. Teradata may also make changes in the products or services described in this information at any time without notice.

Machine-Assisted Translation

Certain materials on this website have been translated using machine-assisted translation software/tools. Machine-assisted translations of any materials into languages other than English are intended solely as a convenience to the non-English-reading users and are not legally binding. Anybody relying on such information does so at his or her own risk. No automated translation is perfect nor is it intended to replace human translators. Teradata does not make any promises, assurances, or guarantees as to the accuracy of the machine-assisted translations provided. Teradata accepts no responsibility and shall not be liable for any damage or issues that may result from using such translations. Users are reminded to use the English contents.

Feedback

To maintain the quality of our products and services, e-mail your comments on the accuracy, clarity, organization, and value of this document to: docs@teradata.com.

Any comments or materials (collectively referred to as "Feedback") sent to Teradata Corporation will be deemed nonconfidential. Without any payment or other obligation of any kind and without any restriction of any kind, Teradata and its affiliates are hereby free to (1) reproduce, distribute, provide access to, publish, transmit, publicly display, publicly perform, and create derivative works of, the Feedback, (2) use any ideas, concepts, know-how, and techniques contained in such Feedback for any purpose whatsoever, including developing, manufacturing, and marketing products and services incorporating the Feedback, and (3) authorize others to do any or all of the above.

Contents

Dependencies

Supported Platforms

Teradata Vantage™ is our flagship analytic platform offering, which evolved from our industry-leading Teradata® Database. Until references in content are updated to reflect this change, the term Teradata Database is synonymous with Teradata Vantage.

The following table lists the operating systems on which Teradata® Studio™ and Studio Express are supported:

Platform	Studio	Studio Express
Microsoft Windows 7 (64-bit) Microsoft Windows 8 and 8.1 Microsoft Windows 10 (64-bit) Microsoft Windows Server 2012 (64-bit) Microsoft Windows Server 2016 (64-bit) Microsoft Windows Server 2019 (64-bit)	● ● ● ● ● ●	● ● ● ● ● ●
Red Hat Enterprise Server 6.0 and 7.0 (64-bit) Red Hat Advanced Platform 6.0 and 7.0 (64-bit)	● ●	● ●
SUSE Linux Enterprise 11 (64-bit) SUSE Linux Enterprise 12 (64-bit) SUSE Linux Enterprise 15 (64-bit)	● ● ●	● ● ●
Apple macOS 10.13, 10.14, 10.15, 11.1 BigSur	●	●
CentOS 6 (64-bit) CentOS 7 (64-bit)	● ●	● ●

Supported Databases

Teradata Studio and Studio Express support the following Vantage/Teradata Database and Hadoop releases:

- Teradata Vantage 2.0, which includes the capabilities of Teradata Vantage™ Advanced SQL Engine 17.00
- Teradata Vantage 1.0, which includes the capabilities of Teradata Vantage™ Advanced SQL Engine 16.20
- Teradata Database 16.10
- Teradata Database 16.0

- Teradata Database 15.10

Teradata Studio and Studio Express support the following Aster on Hadoop releases:

- Aster on Hadoop 7.00.02

Teradata Studio and Studio Express support the following Hadoop systems:

Hortonworks Data Platform (HDP)

- HDP 3.0.1
- HDP 2.6.5
- HDP 2.6.4

Cloudera Hadoop (CDH) versions

[17.00.10+] CDH 6.2
- CDH 6.1

Note:

Data transfer will not work from Hadoop to Teradata and vice versa when connecting to CDH 6.1 and CDH 6.2 as there is known limitation with Oozie service accessibility from External machine.

- CDH 5.16.1
- CDH 5.15

Hardware Requirements

The following table lists the minimum hardware requirements for Teradata Studio and Teradata Studio Express.

	Studio	**Studio Express**
Memory	4 GB (6 GB desired)	4 GB
Disk Space	250 MB	250 MB

Software Requirements

Teradata Studio and Studio Express can work with either 8, 10, or 11 Java version of any Java vendor such as Azul OpenJDK or Oracle. Teradata Studio and Studio Express requires OpenJDK or Oracle Java version 8, 10, or 11.

Depending on Operating System, either JDK or JRE must be installed.

- Apple macOS requires JDK.
- [Java 8, 10] Linux or Windows requires JRE.
- [Java 11] Windows requires JDK.

Teradata Studio and Studio Express tested and verified with Azul Zulu and Oracle vendor Java, but will work with any vendor Java of version 8, 10, or 11.

You must install Java Runtime Environment or Java Development Kit, depending on your operating system:

- Apple macOS requires Java Development Kit (JDK) version 8, 10, or 11 of any Java vendor (for example, Azul OpenJDK, Oracle)
- All other operating systems require Java Runtime Environment (JRE) version 8, 10, or 11 of any Java vendor (for example, Azul OpenJDK, Oracle)
- macOS BigSur version 11.1 requires Java 11 for Studio

Java Runtime Environment or Java Development Kit Requirements

The Teradata Studio and Studio Express 17.10.00 packages require either OpenJDK Installation or Oracle JDK installation as below of any Java vendor.

Teradata Studio and Teradata Studio Express were certified on Azul OpenJDK and Oracle Java of versions 8, 10, and 11.

Teradata Studio and Teradata Express requires OpenJDK or Oracle Java of version 8, 10, or 11. Depending on Operating System, either JDK or JRE must be installed.

Note:

Starting with JDK 11, Oracle provides JDK only.

- Apple macOS requires JDK
- [Java 8, 10] Linux or Windows requires JDK or JRE
- [Java 11] Windows requires JDK
- Apple macOS BigSur 11.1 requires Java 11

Azul Zulu OpenJDK Installation

1. Download required Java version 8, 10, or 11 depending on your operating system:

   - Azul Open JDK (Choose the platform and version to download):

     https://www.azul.com/downloads/zulu/

2. Follow steps specified in the *Zulu Installation Guide* at https://docs.azul.com/zulu/zuludocs/ depending on your operating system.

Oracle JDK Installation

1. Download required Oracle Java version 8, 10, or 11 depending on your operating system.

   - Java 8: Java SE Downloads
   - Java 10: Java SE 10 Downloads
   - Java 11: Java SE 11 Downloads

2. Follow steps specified in the *Installation Instructions* section at the respective Java SE
    Downloads website.

Installing Teradata Studio

Software Downloads

Downloading Teradata Studio

1. Go to https://support.teradata.com.
2. Click the **Teradata Studio** link to access the downloads page.

Note:

   Make sure you download the `17.10.00.00` package.

---

3. Click the link for your operating system.
4. Accept the License Agreement by clicking **I Agree**.
5. In the **File Download** dialog, click **Save**, navigate to the location where you want to download the file, and click **Save** again.
   The zip file downloads to your local file system.

Installation on Windows Systems

Installing Teradata Studio Using the Wizard

1. Navigate to the directory where you downloaded the Teradata Studio package.
2. Unzip the Teradata Studio package to your local file system.
3. [Optional] Pre-configure connection profiles to be assigned at installation:
   a. In the unzipped Teradata Studio package, navigate to the `Config` directory.
   b. Edit the `TeradataStudioDataSources_template.config` file to define the connection profiles.
   c. Save the file as `TeradataStudioDataSources.config` in the `Config` directory or any other directory that is accessible by the installation process.
4. [Optional] Pre-configure preferences to be set at installation:

Note:

   If you edited and saved the `TeradataStudioDataSources.config` file to an alternate directory location in the previous step, then save the `TeradataStudioPreferences.config` file to this same location.

---

   a. In the unzipped Teradata Studio package, navigate to the `Config` directory.

b. Edit the `TeradataStudioPreferences_template.config` file to define the preferences.

c. Save the file as `TeradataStudioPreferences.config` in the `Config` directory or any other directory that is accessible by the installation process.

5. [Optional] If you intend to connect to systems using Kerberos Authentication, create a `krb5.ini` file. This task is outside the scope of Teradata Studio.

6. Double-click `setup.exe` to start the Teradata Studio installer, accept the license, and select the Java Runtime Environment.

Note:

If Oracle JRE 8, 10, or 11 is installed, the Installer dialog specifies the JRE path. If JRE from another vendor is installed, such as Zulu, click **Browse** to select a compatible version.

If the selected Java Runtime Environment is different than system default JRE (JRE configured in the PATH environment variable), the selected JRE location will be added in the `TeradataStudio.ini` file.

If the JRE is removed or upgraded after installing Teradata Studio, run the `UpdateJRE.vbs` as administrator to update JRE path in the `TeradataStudio.ini` file. For example:

`cscript UpdateJRE.vbs "C:\Program Files\Java\jre1.8.0_151\"`

This script is in the same directory as `TeradataStudio.exe`.

7. In the **Workspace Location** step, keep the default or **Browse** to a different location.
The workspace directory contains workspace files, including the SQL project folder and log file.

8. [Optional] If you edited the `TeradataStudioDataSources.config` or `TeradataStudioPreferences.config` file, do the following in the install wizard:
a. On the **Pre-Configure Database Connection Profile** page of the Install Wizard, select **Set up Studio with pre-configured TeradataStudioDataSources.config and/or TeradataStudioPreferences.config files**.
b. **Browse** for the location of the files.

9. [Optional] If you intend to connect to systems using Kerberos Authentication, do the following in the install wizard:
a. On the **Pre-Configure Database Connection Profile** page of the Install Wizard, select **Setup for Kerberos environment**. As noted, this will modify the registry so be sure you have registry edit permission. The `TeradataStudio.ini` file will also be modified.
b. Browse to the location of your `krb5.ini` file and click **OK** and then **Next**.

10. Designate the **Destination Folder** options you want and click **Next**.

11. Click **Install**.

12. If you intend to connect to systems using Kerberos Authentication, you must run `kinit` to initialize your Kerberos credential before launching Teradata Studio.

Installing Teradata Studio Using the Command Line

1. Navigate to the directory where you downloaded the Teradata Studio package.

2. Unzip the Teradata Studio package to your local file system.
3. [Optional] Pre-configure connection profiles to assign at installation:
    a. In the unzipped Teradata Studio package, navigate to the `Config` directory.
    b. Edit the `TeradataStudioDataSources_template.config` file to define the connection profiles.
    c. Save the file as `TeradataStudioDataSources.config` in the `Config` directory or any other directory that is accessible by the installation process.
4. [Optional] Pre-configure preferences to set at installation:

    Note:

    If you edited and saved the `TeradataStudioDataSources.config` file to an alternate directory location in the previous step, then save the `TeradataStudioPreferences.config` file to this same location.

    ---

    a. In the unzipped Teradata Studio package, navigate to the `Config` directory.
    b. Edit the `TeradataStudioPreferences_template.config` file to define the preferences.
    c. Save the file as `TeradataStudioPreferences.config` in the `Config` directory or any other directory that is accessible by the installation process.
5. [Optional] If you intend to connect to systems using Kerberos Authentication, create a `krb5.ini` file. This task is outside the scope of Teradata Studio.
6. Run the Studio installer by typing `setup.exe /s /v/qn /v"/l*v studio.log"` followed by any or all of the following optional commands. Note that studio.log will contain a log file of the installation steps.
    a. [Optional] `/v"CHECK_KERBEROS_FILE=1" /v"KERBEROS_FILE_PATH=\"C:\tmp\\""` to use Kerberos authentication.
        The KERBEROS_FILE_PATH must point to the directory containing your `krb5.ini` file.
    b. [Optional] `/v"WORKSPACEPATH=\"C:\studio\WORKSPACEPATH\""` to use a workspace file location other than the default.
        The workspace directory contains workspace files, including the SQL project folder and log file.
    c. [Optional] `/v"CHECK_PRECONFIG_FILE=1" /v"CONFIGFILE_PATH=\"C:\Temp\config files\""` to use specify the directory location of a pre-configured connection, which might include both profiles and preferences.

        Note:

        When the path contains spaces, double quotes are required around the pathname.

        ---

7. [Optional] If connecting to systems using Kerberos Authentication you must run kinit to initialize your Kerberos credential before launching Teradata Studio.

Installing Teradata Studio on Linux Systems

1. Navigate to the directory where you downloaded the Teradata Studio package.
2. Unzip the Teradata Studio package to your local file system:

```
gunzip TeradataStudio64__linux_x86_64.17.10.00.00-1.tar.gz

tar –xvf TeradataStudio64__linux_64.17.10.00.00-1.tar
```

3. Change to the Teradata Studio directory:
   `cd TeradataStudio.17.10.00.00`
4. Switch to Super User or Root and install Teradata Studio:
   `sudo ./studioinstall TeradataStudio64-17.10.00.00-1_64.rpm`.
5. Provide the path to install Teradata Studio.
   The default is `/opt/teradata`.
   A workspace directory that contains workspace files, including the SQL project folder and log file is created in your home directory: `\home\<user>\workspace`.

Installing Teradata Studio on Apple macOS Systems

1. Unzip the Teradata Studio package to your local file system.
2. Open `Teradata Studio.pkg` to start the **Teradata Studio installer**.
3. Select the disk on which to install Teradata Studio.
4. [Optional] Enter a specific installation location.
   The default location is `/Applications`.
   A workspace folder called `SQLA` that contains workspace files, including the SQL project folder and log file, is created in the `Documents` folder.

Changing the Workspace Directory Location

When Teradata Studio is first launched, a workspace directory called workspace-studio is created in a default location. The workspace is used for storing files and preferences.

Operating System	Default Workspace Location
Linux	The directory in which Teradata Studio is run.
Apple macOS	`/Users/`*Username*`/Documents/StudioWorkspace`
Windows	`C:\Users\`*Username*`\workspace-studio`

You can change the location of the workspace directory from the default.

Changing the Workspace Directory Location on Windows Systems

1. Right-click the **Teradata Studio** shortcut on the desktop and select **Properties**.
2. Add the `–data` option and new location for the workspace to the end of the **Target** field:
   `-data `*workspaceLocation*.

Changing the Workspace Directory Location on Linux Systems

1. Specify the new directory in the command line program execution string:
   `./opt/teradata/TeradataStudio/TeradataStudio –data /home` *`/guestUser/MyWorkspace`*

Changing the Workspace Directory Location on Apple macOS Systems

1. Open the Terminal application.
2. Specify the new directory in the command line program execution string:
   `/Applications/TeradataStudio/Teradata\ Studio.app/Contents/MacOS/TeradataStudio –data /Users`*`/guestUser/Documents/MyWorkspace`*.

Setting Up a Teradata Connector for Hadoop

Teradata Studio provides an option to transfer data to and from Hadoop systems. The Smart Loader for Hadoop feature uses the Teradata connector for Hadoop (TDCH) installed on the Hadoop node. Oozie is used for the data transfer workflow.

1. Download and install the TDCH onto your Hadoop system from https://support.teradata.com under Connectivity.
2. Download the Configure Oozie script (`configureOozie.sh`) from https://support.teradata.com onto your Hadoop system.
3. Change the mode so the script is executable:
   `chmod +x configureOozie.sh`
4. Run `configureOozie.sh` to remove any hidden Windows characters from the file.
   `dos2unix configureOozie.sh`
5. Execute `configureOozie.sh` as a root user, providing the locations of your Hadoop services:
   Usage: `./configureOozie.sh`
   `nn=`*`nameNodeHost`*`[jt=`*`jobTrackerHost`*`][oozie=`*`oozieHost`*`] [nnPort=`*`nameNodePortNum`*`]`
   `[jtPort=`*`jobTrackerPortNum`*`][ooziePort=`*`ooziePortNum`*`][webhcatPort=`*`webhcatPortNum`*`]`
   `[webhdfsPort=`*`webhdfsPortNum`*`]` where

Parameter	Definition	Value
nameNodeHost	The Name Node host name	required
jobTrackerHost	The Job Tracker host name	uses *nn* parameter value if omitted
oozieHost	The Oozie host name	uses *nn* parameter value if omitted
nameNodePortNum	The Name node port number	8020 if omitted
jobTrackerPortNum	The Job Tracker port number	50300 if omitted
ooziePortNum	The Oozie port number	11000 if omitted

Parameter	Definition	Value
webhcatPortNum	The WebHCatalog port number	50111 if omitted
webhdfsPortNum	The WebHDFS port number	50070 if omitted

Note:

The port numbers are HDP's defaults. If the system being set up has all the services hosted on a single system on the default ports, only the *nn* parameter is needed.

The script exits with an error message if the TDCH is not in its expected location. Otherwise the script displays a message indicating the parameters values. For example:

```
The following is the specification of the Hadoop services used
by the Oozie workflows:
{
"Distribution":"HDP",
"DistributionVersion":"3.2.1",
"WebHCatalog":"hostname",
"WebHCatalogPort":50111,
"WebHDFS":"hostname",
"WebHDFSPort":50070,
"JobTracker":"hostname",
"JobTrackerPort":50300,
"NameNode":"hostname",
"NameNodePort":8020,
"Oozie":"hostname",
"OoziePort":11000
}
```

Installing Teradata Studio Express

Software Downloads

Downloading Teradata Studio Express

1. Go to https://support.teradata.com.
2. Click **Teradata Studio Express** to access the downloads page.

   Note:
   Make sure you download the `17.10.00.00` package.

   ---

3. Click the link for your operating system.
4. Accept the License Agreement by clicking **I Agree**.
5. In the **File Download** dialog, click **Save**, navigate to the location where you want to download the file, and click **Save** again.
   The zip file downloads to your local file system.

Installing Teradata Studio Express on Linux Systems

1. Navigate to the directory where you downloaded the Teradata Studio Express package.
2. Unzip the Teradata Studio Express package to your local file system:

   `TeradataStudioExpress64__linux_x86_64.17.10.00.00-1.tar.gz`

   `tar –xvf TeradataStudioExpress64-17.10.00.00-1.tar`

3. Change to the Teradata Studio Express directory:
   `cd TeradataStudioExpress.17.10.00.00`.
4. Switch to Super User or Root and install Teradata Studio Express:
   `sudo ./studioexpressinstall TeradataStudioExpress64-17.10.00.00-1_64.rpm`.
5. Provide the path to install Teradata Studio Express.
   The default location is `/opt/teradata`.
   A workspace directory that contains workspace files, including the SQL project folder and log file is created in your home directory: `\home\`*`<user>`*`\workspace`.

Installing Teradata Studio Express on Apple macOS Systems

1. Unzip the Teradata Studio Express package to your local file system.

2. Open `Teradata Studio Express.pkg` to start the **Teradata Studio Express Installer**.
3. Select the disk on which to install Teradata Studio Express.
4. [Optional] Enter a specific installation location.
   The default location is `/Applications`.
   A workspace folder called `SQLA` that contains workspace files, including the SQL project folder and log file, is created in the `Documents` folder.

Installation on Windows Systems

Installing Teradata Studio Express Using the Wizard

1. Navigate to the directory where you downloaded the Teradata Studio Express package.
2. Unzip the Teradata Studio Express package to your local file system.
3. Create connection profiles to be used at installation:
   a. In the unzipped Teradata Studio Express package, navigate to the `Config` directory.
   b. Edit the `TeradataStudioExpressDataSources_template.config` file to define the connection profiles.
   c. Save the file as `TeradataStudioExpressDataSources.config` in the `Config` directory or any other directory that is accessible by the install.
4. [Optional] Set preferences to be used at installation:
   a. In the unzipped Teradata Studio Express package, navigate to the `Config` directory.
   b. Edit the `TeradataStudioExpressPreferences_template.config` file to define the preferences.
   c. Save the file as `TeradataStudioExpressPreferences.config` in the `Config` directory or any other directory that is accessible by the installation process.
5. [Optional] If you intend to connect to systems using Kerberos Authentication, create a `krb5.ini` file. This task is outside the scope of Teradata Studio Express.
6. Double-click `setup.exe` to start the Teradata Studio Express installer, accept the license, and select the Java Runtime Environment.

   Note:

   If Oracle JRE 8, 10, or 11 is installed, the Installer dialog specifies the JRE path. If JRE from another vendor is installed, such as Zulu, click **Browse** to select a compatible version.

   If the selected Java Runtime Environment is different than system default JRE (JRE configured in the PATH environment variable), the selected JRE location will be added in the `TeradataStudioExpress.ini` file.

   If the JRE is removed or upgraded after installing Teradata Studio, run the `UpdateJRE.vbs` as administrator to update JRE path in the `TeradataStudioExpress.ini` file. For example:

   `cscript UpdateJRE.vbs "C:\Program Files\Java\jre1.8.0_151\"`

   This script is in the same directory as `TeradataStudioExpress.exe`.

7. In the **Workspace Location** step, keep the default or **Browse** to a different location.
   The workspace directory contains workspace files, including the SQL project folder and log file.
8. [Optional] If you edited the `TeradataStudioExpressDataSources.config` or
   `TeradataStudioExpressPreferences.config` files, do the following in the install wizard:
   a. On the **Pre-Configure Database Connection Profile** page of the Install Wizard,
      select **Set up Studio with pre-configured TeradataStudioDataSources.config and/or
      TeradataStudioPreferences.config files**.
   b. **Browse** for the location of the files.
9. [Optional] If you intend to connect to systems using Kerberos Authentication, do the following in the
   install wizard:
   a. On the **Pre-Configure Database Connection Profile** page of the Install Wizard, select **Setup for
      Kerberos environment**. As noted, this will modify the registry so be sure you have registry edit
      permission. The `TeradataStudioExpress.ini` file will also be modified.
   b. Browse to the location of your `krb5.ini` file and click **OK**.
   c. Click **Next**.
10. Designate the **Destination Folder** options you want and click **Next**.
11. Click **Install**.

Installing Teradata Studio Express Using the Command Line

1. Navigate to the directory where you downloaded the Teradata Studio Express package.
2. Unzip the Teradata Studio Express package to your local file system.
3. [Optional] Pre-configure connection profiles to assign at installation:
   a. In the unzipped Teradata Studio Express package, navigate to the `Config` directory.
   b. Edit the `TeradataStudioExpressDataSources_template.config` file to define the
      connection profiles.
   c. Save the file as `TeradataStudioExpressDataSources.config` in the `Config` directory or any
      other directory that is accessible by the installation process.
4. [Optional] Pre-configure preferences to set at installation:

   Note:

   If you edited and saved the `TeradataExpressStudioDataSources.config` file to an alternate
   directory location in the previous step, then save the `TeradataStudioPreferences.config` file
   to this same location.

   ---

   a. In the unzipped Teradata Studio Express package, navigate to the `Config` directory.
   b. Edit the `TeradataStudioExpressPreferences_template.config` file to define the preferences.
   c. Save the file as `TeradataStudioExpressPreferences.config` in the `Config` directory or any
      other directory that is accessible by the installation process.
5. [Optional] If you intend to connect to systems using Kerberos Authentication, create a `krb5.ini` file.
   This task is outside the scope of Teradata Studio Express.

6. Run the Studio Express installer by typing `setup.exe /s /v/qn /v"/l*v studioexp.log"` followed by any or all of the following optional commands. Note that studio.log will contain a log file of the installation steps.

   a. [Optional] `/v"CHECK_KERBEROS_FILE=1" /v"KERBEROS_FILE_PATH=\"C:\tmp\\""` to use Kerberos authentication.
      The KERBEROS_FILE_PATH must point to the directory containing your `krb5.ini` file.

   b. [Optional] `/v"WORKSPACEPATH=\"C:\studio\WORKSPACEPATH\""` to use a workspace file location other than the default.
      The workspace directory contains workspace files, including the SQL project folder and log file.

   c. [Optional] `/v"CHECK_PRECONFIG_FILE=1" /v"CONFIGFILE_PATH=\"C:\Temp\config files\""` to use specify the directory location of a pre-configured connection, which might include both profiles and preferences.

   > **Note:**
   > When the path contains spaces, double quotes are required around the pathname.

7. [Optional] If connecting to systems using Kerberos Authentication you must run kinit to initialize your Kerberos credential before launching Teradata Studio.

Changing the Workspace Directory Location

When Teradata Studio Express is first launched, a workspace directory called workspace-studioexpress is created in a default location. The workspace is used for storing files and preferences.

Operating System	Default Workspace Location
Linux	The directory in which Teradata Studio Express is run.
Apple macOS	`/Users/`*Username*`/Documents/StudioExpressWorkspace`
Windows	`C:\Users\`*Username*`\workspace-studioexpress`

You can change the location of the workspace directory from the default.

Changing the Workspace Directory Location on Windows Systems

1. Right-click the **Teradata Studio Express** shortcut on the desktop and select **Properties**.
2. Add the `–data` option and new location for the workspace to the end of the **Target** field:
   `-data` *workspaceLocation*.

Changing the Workspace Directory Location on Linux Systems

1. Specify the new directory in the command line program execution string:

```
/opt/teradata/TeradataStudioExpress/TeradataStudioExpress –data /home/
```
guestUser/MyWorkspace

Changing the Workspace Directory Location on Apple macOS Systems

1. Open the Terminal application.
2. Specify the new directory in the command line program execution string:
    ```
    /Applications/TeradataStudioExpress/Teradata\ Studio\ Express.app/Contents/
    MacOS/TeradataStudioExpress –data /Users
    ```
    /guestUser/Documents/MyWorkspace

Administrative Tasks

Updating the JDK or JRE Location in the TeradataStudio.ini File

During the install of Teradata Studio, the `TeradataStudio.ini` file is created in your install directory. On Windows for example, it is located at:

`C:\Program Files\Teradata\Client\17.00\Teradata Studio`

After you complete the Teradata Studio installation and the `TeradataStudio.ini` file is created, the location of your JDK or JRE can change if you automatically update the versions from the Java vendor download site (for example, Azul, OpenJDK, Oracle).

If your JDK or JRE location has changed, modify the `TeradataStudio.ini` file's reference to the location:

1. Identify the location of the files on your computer:

   `[Java 8] -vm C:\Program Files\Java\jre8\bin\javaw.exe`

   `[Java 10] -vm C:\Program Files\Java\jre10\bin\javaw.exe`

   `[Java 11] -vm C:\Program Files\Java\jdk11\bin\javaw.exe`

2. Locate and open the `teradatastudio.ini` file.
   `C:\Program Files\Teradata\Client\17.00\Teradata Studio`

3. Update the line in the .ini file that references the JDK or JRE location.

Changing Workspace and Configuration Information Directories Using Roaming Profiles

When Teradata Studio is launched, it creates a workspace directory (called workspace-studio) in your User Home directory. If you want to change the location of your workspace directory, you must pass the `-data` option into the `TeradataStudio` executable by changing the Target parameter in the Windows desktop shortcut or in the command window when launching Teradata Studio.

For example:

`C:\Program Files\Teradata\Client\17.00\Teradata Studio\TeradataStudio.exe" -data "c:\ Teradata Studio\My Workspace`

There is another directory (called .eclipse) created in your User Home directory that contains configuration information and jars for launching Teradata Studio. If you want to change the location of your configuration directory, you must pass the `-configuration` option into the `TeradataStudio` executable by changing the Target parameter in the Windows desktop shortcut or in the command window when launching Teradata Studio.

For example:

```
C:\Program Files\Teradata\Client\17.00\Teradata Studio\TeradataStudio.exe" -
configuration "c:\Teradata Studio
```

You can combine both the `-data` and `-configuration` options on a single command line.This is often needed when using a Roaming Profile that is not always accessible when running applications.

Uninstalling Teradata Studio from Linux

1. Run the uninstall command:
    ```
    rpm -e TeradataStudio64
    ```

Uninstalling Teradata Studio Express from Linux

1. Run the uninstall command:
    ```
    rpm -e TeradataStudioExpress64
    ```

Additional Information

Changes and Additions

Date	Release	Description
July 2021	17.10.00	• Updated version numbers to match this release • Added support for Apple macOS BigSur 11.1
January 2021	17.00.12	Updated version numbers to match this release
October 2020	17.00.11	• Updated version numbers to match this release • Added support for Apple macOS 10.15 • Removed support for Apple macOS 10.9, 10.10, 10.11, and 10.12 • Added support for CDH 6.2 • Added support for Java 11
April 2020	17.00.10	Updated version numbers to match this release.
December 2019	17.00	• Updated version numbers to match this release • Added support for Advanced SQL Engine 17.00

Related Documentation

Publication Name	Publication ID
Teradata Studio™ User Guide	B035-2041
Teradata® Studio™ Express User Guide	B035-2042

Teradata Links

Link	Description
https://docs.teradata.com/	Search Teradata Documentation, customize content to your needs, and download PDFs. Customers: Log in to access Orange Books.
https://support.teradata.com	One-stop source for Teradata community support, software downloads, and product information. Log in for customer access to: • Community support • Software updates • Knowledge articles

Link	Description
https://www.teradata.com/University/Overview	Teradata education network
https://support.teradata.com/community	Link to Teradata community