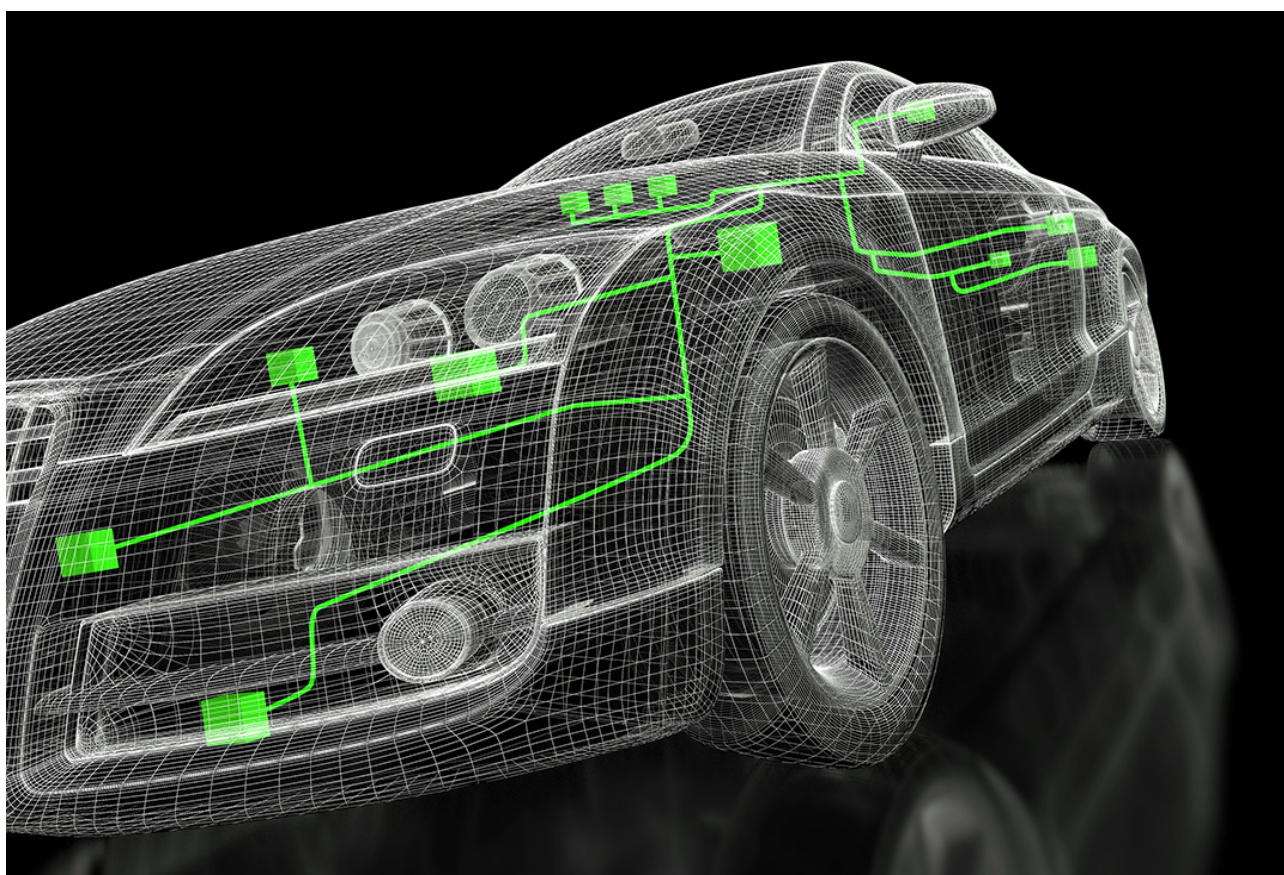




Discover the Experience

EB tresos[®] installation guide

version 2.0.0



EB tresos® installation guide

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Modification history

Version	Description
2.0.0	Initial new version Completely re-worked content of the installation guide

1. About this documentation

Welcome to the EB tresos installation guide, the installation guide of the EB tresos product line. This documentation provides information how to install EB tresos products. The EB tresos installation guide guides you through the whole installation process, from the initial download of the product file to the final installation of the product license.

1.1. Target group of the EB tresos installation guide

The EB tresos installation guide provides information for users who want to install a product of the EB tresos product line. The target group includes both first time users and experienced users of EB tresos Studio or an additional product to EB tresos Studio.

The [Chapter 7, “Setting up a license server”](#) is aimed at network administrators and server administrators. It provides information how to install a floating network license server.

1.2. Content of the EB tresos installation guide

[Chapter 3, “Background information”](#) provides you with all necessary background information about the installation of a product of the EB tresos product line. Here, you can find information about the system and tool requirements, the components to be installed, the download server EB Command, the installation tool EB tresos Installer, and the license concepts of EB tresos products.

[Chapter 4, “Working with EB Command”](#) provides first time users with the necessary information how to activate their user account on EB Command, and how to log in on EB Command. You learn how to change your user preferences and how to download files from the command server.

The installation instructions for products of the EB tresos product line are divided into two chapters. [Chapter 5, “Installing EB tresos Studio”](#) provides information about the installation of the software module configuration tool EB tresos Studio and the installation of suitable licenses. [Chapter 6, “Installing additional products to EB tresos Studio”](#) provides information about the installation of additional products to EB tresos Studio and the installation of suitable licenses.

[Chapter 7, “Setting up a license server”](#) contains information about the installation of a floating network license server. This chapter is relevant for network administrators and server administrators.

2. EB tresos product line support

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USA

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Support URL

<http://automotive.elektrobit.com/support>

3. Background information

This chapter provides you with the background information you need to start installing a product of the EB tresos product line. This chapter informs you about the system and tool requirements, the download server EB Command, the installation tool EB tresos Installer, and the license concepts of EB tresos products.

The EB tresos product line consists of the software module configuration tool EB tresos Studio and several additional products to EB tresos Studio. Additional products are for example EB tresos AutoCore Com Services, EB tresos System Editor, EB tresos Software Composition Editor or EB tresos Debug & Trace. They are based on the installation of EB tresos Studio. For information how to install EB tresos Studio see [Chapter 5, “Installing EB tresos Studio”](#). For information how to install additional products to EB tresos Studio see [Chapter 6, “Installing additional products to EB tresos Studio”](#).

To run EB tresos Studio or another product of the EB tresos product line, you need to install a suitable license. For information about license types see [Section 3.5, “License concepts and naming schema”](#). For information how to install licenses see [Section 5.2, “Installing EB tresos Studio licenses”](#) and [Section 6.2, “Installing licenses for additional EB tresos products”](#).

Elektrobit provides the download server EB Command as a download portal and a software maintenance program for installation files, license files, and product documentation. From there you can download the files that belong to the products you have purchased. For information about the EB Command see [Section 3.3, “EB Command”](#). For information how to work with EB Command see [Chapter 4, “Working with EB Command”](#).

The installation of all EB tresos products works through one common installation tool, the EB tresos Installer. For information about EB tresos Installer see [Section 3.4, “EB tresos Installer”](#).

3.1. System and tool requirements

To run products of the EB tresos product line, your computer system must fulfill particular requirements. To find information about these requirements, refer to the product description of EB tresos Studio. The product description informs you about the system and tool requirements that your computer system needs to fulfill to install products of the EB tresos product line successfully.

Furthermore, the product description provides a detailed listing of all components that are installed simultaneously on your PC when you install a product of the EB tresos product line

To install EB tresos Studio or an additional product to EB tresos Studio follow the instructions in [Chapter 5, “Installing EB tresos Studio”](#).

3.2. Email with login data

When you have purchased a product of the EB tresos product line you receive an email from `commandmailer@elektrobit.com`. This email enables you to access the download server EB Command. The email contains the following data:

- ▶ Your user alias
- ▶ A hyper link to activate your user account on EB Command
- ▶ A hyper link to your login on EB Command

The following image shows the email from EB Command with your user alias and the two hyper links:



Figure 3.1. Email from EB Command

For information how to access EB Command and activate your user account on the EB Command see [Section 4.1, “Activating your user account”](#). For information how to log in on EB Command subsequently see [Section 4.1, “Activating your user account”](#).

3.3. EB Command

EB Command is the download server of Elektrobit. It is used as a download portal and software maintenance program for installation files, license files, and product documentation. There you can download the files that belong to the products you have purchased. Furthermore, the EB Command provides you with:

- ▶ New product versions
- ▶ Fixes of critical known issues
- ▶ Other information regarding your EB-products

Refer to [Chapter 4, “Working with EB Command”](#) for information how to activate your user account on EB Command, how to log in on EB Command, and how to download files from EB Command.

3.4. EB tresos Installer

EB tresos Installer is the installation tool of the EB tresos product line. All EB tresos product line products use this tool for their installation. EB tresos Installer is an application to EB tresos Studio and therefore only works in combination with EB tresos Studio.

The following image and table provide a description of the elements of the **EB tresos Installer** window.

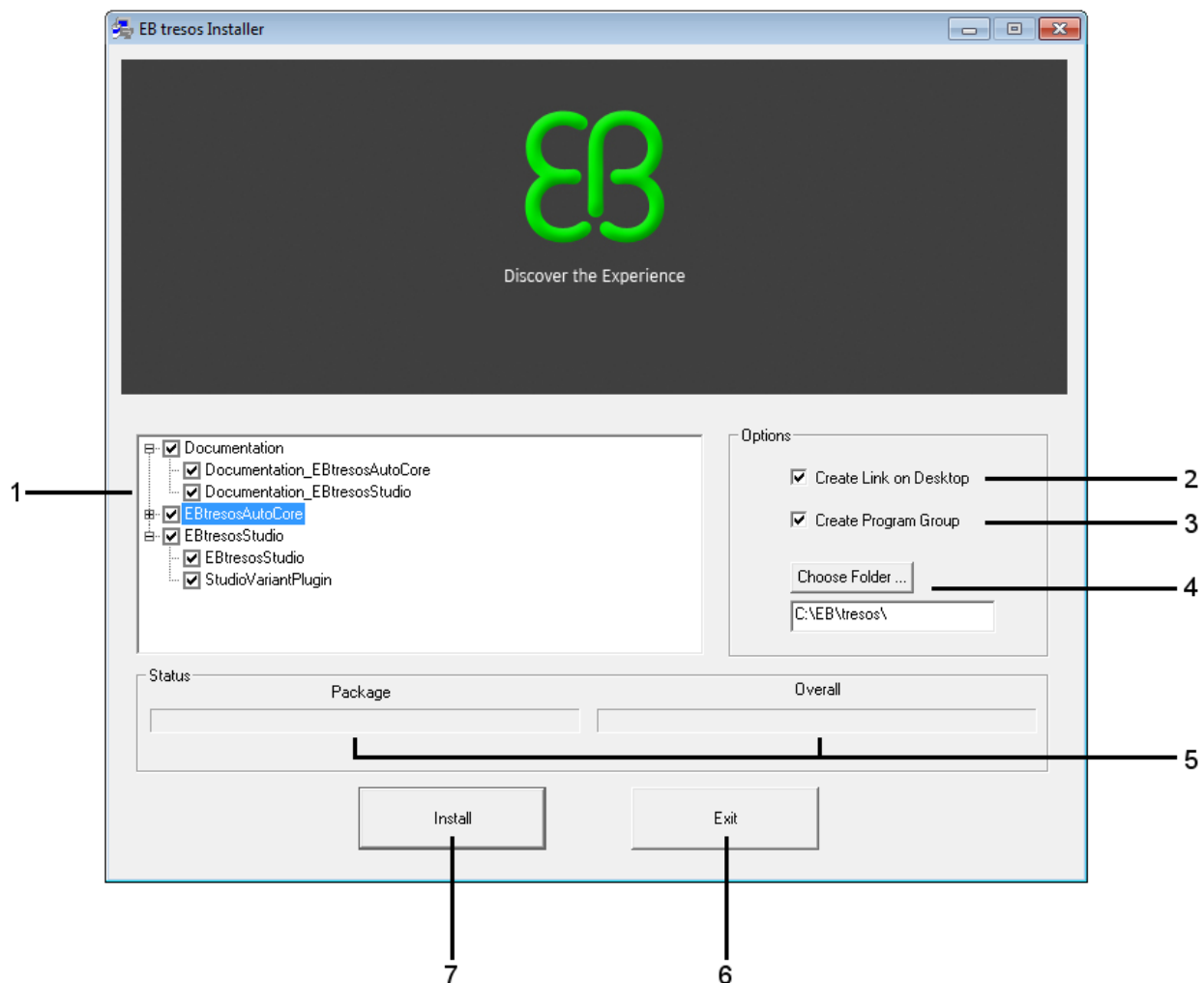


Figure 3.2. EB tresos Installer window

Number	Description
1	<p>The product overview shows check boxes to install EB tresos Studio, EB tresos AutoCore, and the product documentation. It is organized as a tree structure of two levels.</p> <ul style="list-style-type: none"> ▶ The level underneath the EB tresos Studio and EB tresos AutoCore check boxes contains additional products you purchased for EB tresos Studio and EB tresos AutoCore. ▶ The level underneath the <code>Documentation</code> check box contains all documentation for all products you purchased. ▶ All check boxes are selected by default.


Number	Description
	<p>NOTE</p> <p> The order of the listed products is not the same as the required installation sequence</p> <p>The order of the EB tresos products in the product overview on the left side of EB tresos Installer is an alphabetical order. The order of the products is not the same as the required installation sequence. Always install EB tresos Studio first or with other EB tresos products simultaneously since the installation of all EB tresos products is dependent on EB tresos Studio.</p>
2	The Create link on Desktop check box to create a link to all products on your desktop.
3	The Create Program Group check box to sort all programs into the computer's start menu.
4	The path field and the related Choose Folder... button show the location on your computer where the EB tresos product is installed to.
5	The two status bars Package and Overall show the status and progress of the installation of your EB tresos product.
6	The Install button starts the installation of the checked EB tresos products.
7	The Exit button down the EB tresos Installer window.

Table 3.1. Elements of the **EB tresos Installer** window

3.5. License concepts and naming schema

For EB tresos Studio you can purchase three different license types:

► Floating licenses

A floating license is a license to execute EB tresos Studio on any workstation attached to the local network.

► Dongled licenses

A dongled license works only on a computer with the dongle hardware plugged into the USB port of the computer. The Wibu-Key dongle that is used with dongled licenses is an USB hardware device to execute EB tresos Studio only on your local computer.

► Node-locked licenses

A node-locked license is a license to execute EB tresos Studio on one specified workstation.

The following table shows available licenses and required hardware:

distribution license type	.lic	hardware required
floating network	✓	server: set up by your administrator
dongled	✓	dongle: sent to you by EB
node-locked	✓	operational only on one specific workstation
install:	install from inside the EB tresos Studio GUI	

Figure 3.3. License overview

The license distribution is:

`.lic`, which is a license file format used for licensing software programs.

The schema for `.lic` files is `tresos_Customer_<customername>_<licensetype>.lic`. In this naming schema:

- ▶ `<customername>` is your company name
- ▶ `<licensetype>` is one of three options:
 - ▶ FLOATING
 - ▶ NODE-LOCKED
 - ▶ DONGLE

Example: The company Elektrobit Automotive GmbH purchases a *floating* license. They receive the following license: `tresos_Customer_Elektrobit_Automotive_GmbH_FLOATING.lic`

Example: The company Elektrobit Automotive GmbH purchases a *dongled* license. They receive the following license: `tresos_Customer_Elektrobit_Automotive_GmbH_DONGLE.lic`.

4. Working with EB Command

This chapter provides information how to use the download server EB Command. It enables first time users to activate their user account on EB Command and to log in on the EB Command server for the first time. Both, first time users and experienced users learn how to change their user preferences and how to download files from the command server.

4.1. Activating your user account

If you are logging in on EB Command for the first time, you have to activate your user account.

To activate your user account on EB Command proceed as follows:

1. Click the hyper link that you have received in the email from `commandmailer@elektrobit.com`.

The EB Command **Change Your Password** page opens up in your internet browser.

If the EB Command page, which prompts you to change your password, does not open up automatically, copy the hyper link from the email and paste it in your internet browser.

2. Enter a password of your choice in the **Password** field.
3. Enter the same password in the **Repeat** field to confirm your password.
4. Click the **Change** button to save your password.

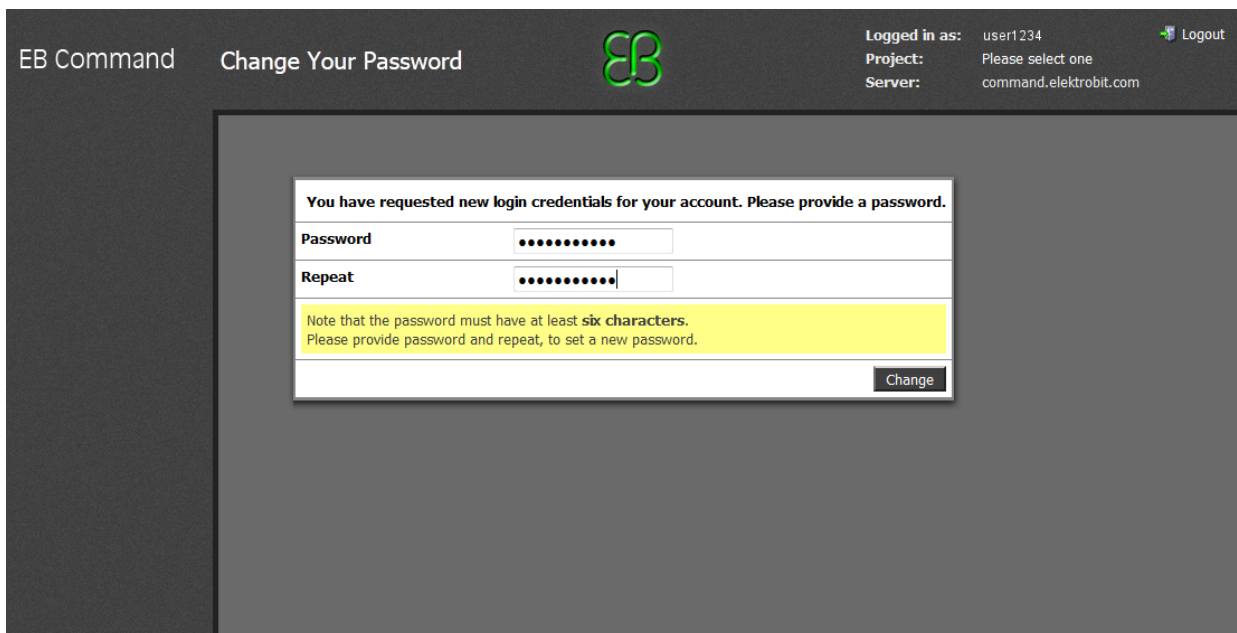


Figure 4.1. EB Command login page

You have now activated your user account on EB Command. The EB Command **Welcome page** opens up.

NOTE**Notification email from EB Command**

After you have activated your user account on EB Command and have changed your password successfully, you receive an email from EB Command with the subject: **Command: Logintoken was used**. This email is generated automatically to confirm your changes and to inform you in case your user alias or password has been abused by a third party.

To continue, proceed in one of the following ways:

- ▶ To work with EB Command, proceed to the main page. To proceed to the main page, click **Continue to main page**. The EB Command main page opens up.
- ▶ To leave EB Command and log out, click the **Logout** button. The **EB Command Logged out** page opens up. You have now logged out successfully.
- ▶ To log in on EB Command for the next time, see [Section 4.2, “Logging in on EB Command”](#).

4.2. Logging in on EB Command

NOTE**Logging in on EB Command for a second or subsequent time**

This chapter is suitable for you if you have already activated your user account on EB Command and are logging in for the second or subsequent time. If you are logging in on EB Command for the first time and have not yet activated your user account, see [Section 4.1, “Activating your user account”](#).

To log in on EB Command for a second or subsequent time, proceed as follows:

1. Click the second hyper link that you have received in the email from commandmailer@elektrobit.com.

The login page opens up in your internet browser.

If the login page does not open up automatically, copy the hyper link and paste it in your internet browser.

TIP**Bookmark the hyper link to the login page**

To have a quick access to the EB Command server in future, bookmark the delivered hyper link in your internet browser.

2. Enter your alias and your password. Click the **Login** button.

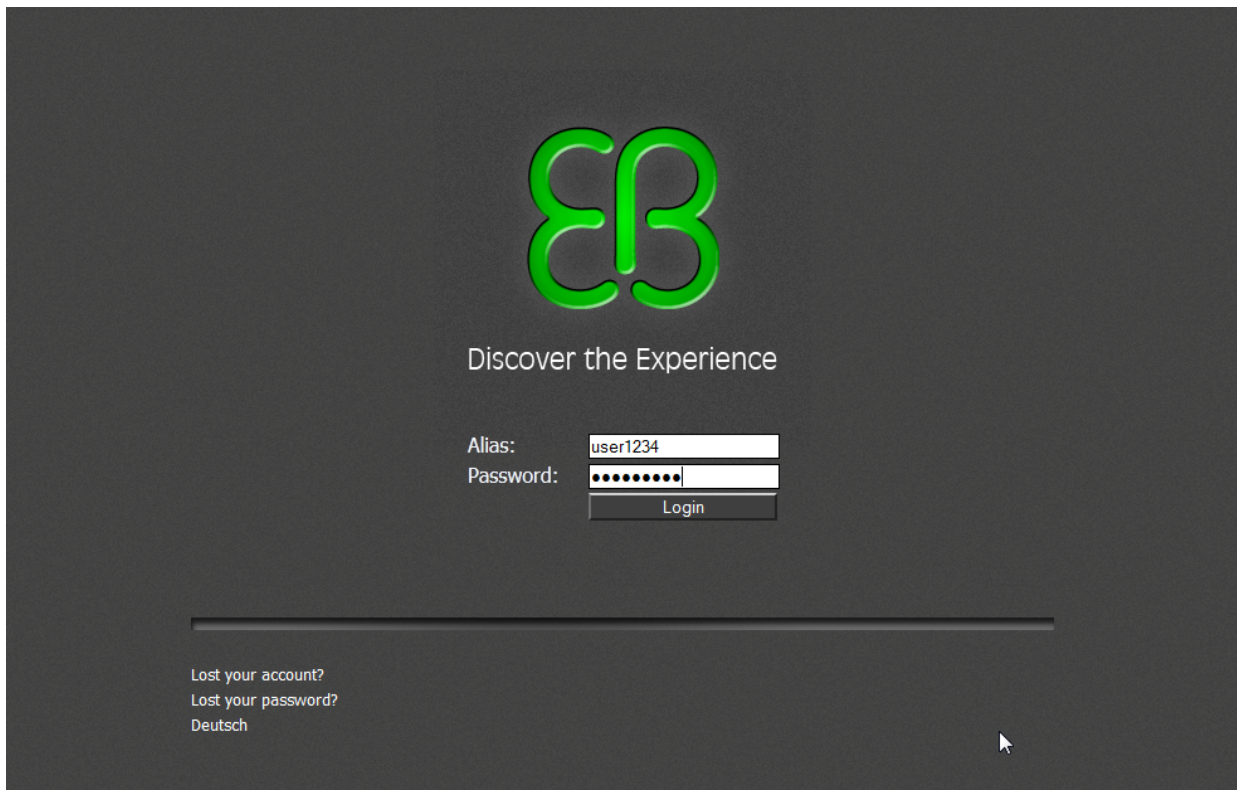


Figure 4.2. The EB Command login page

4.3. Changing user preferences

The EB Command server offers you the possibility to change your password, your email or the language. To change your user preferences, you need to select **Preferences** on the **EB command Main Page**. Per default, the command server leads you to the action **Password Change**.

To change your preferences, proceed as follows:

- ▶ To change your password:
 1. Enter your current password in the **Current password** field.
 2. Enter a new password of your choice in the **Password** field.
 3. Enter the same password in the **Repeat** field to confirm your password.
 4. Click the **Change** button to save your new password.

You have now changed your password successfully.

- ▶ To change your email:
 1. Select the action **E-Mail Change**.

2. Enter your new email address in the **New address** field.
3. Enter the same email address in the **Confirm new address** field.
4. Click the **Confirm** button to save your changes.

You have now changed your email address successfully.

NOTE



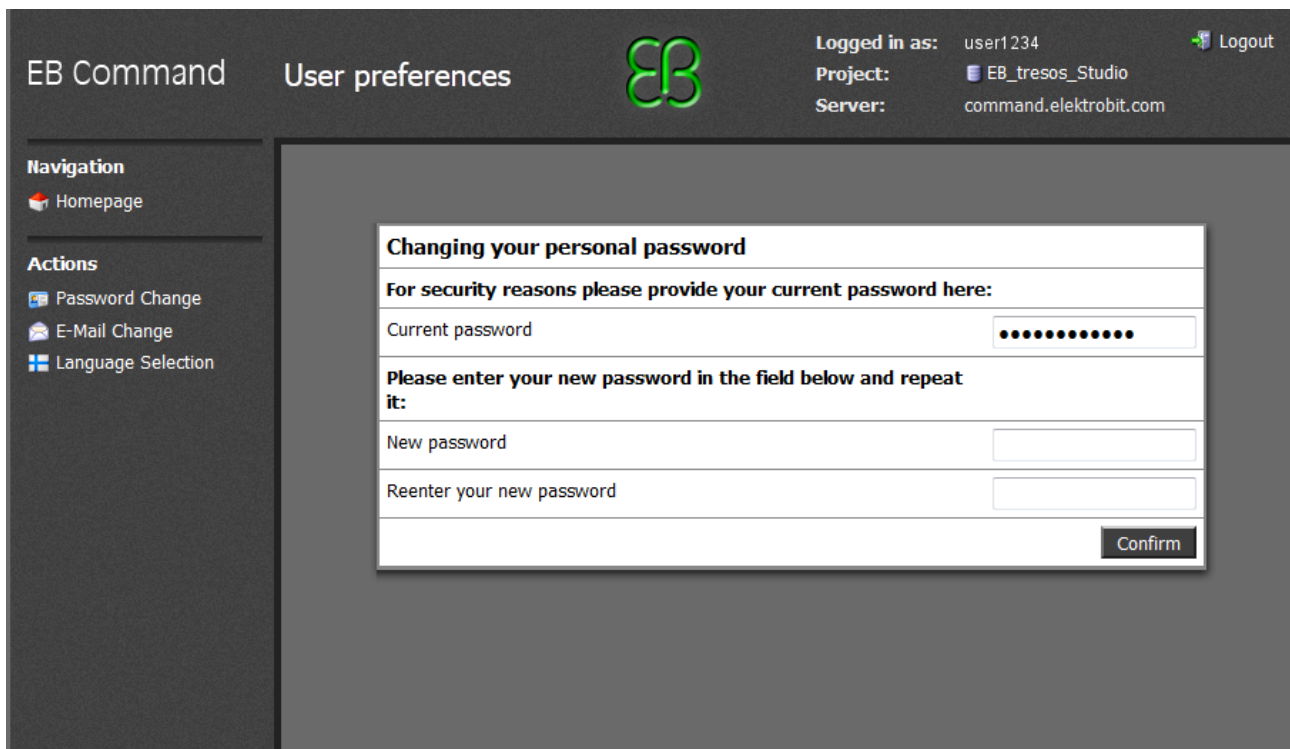
Notification email from EB Command

After you have changed your email address successfully, you receive an email from EB Command. This email is generated automatically to confirm your changes and to inform you in case your email address has been abused by a third party.

- To change the language of the EB Command server:

1. Select the action **Language Selection**.
2. Choose between the languages **English** or **German**.
3. Click the **Confirm** button to save your changes.

You have now changed the language settings of EB Command.



The screenshot shows the EB Command web interface. At the top, there's a header with 'EB Command', 'User preferences', and the EB logo. On the right, it says 'Logged in as: user1234', 'Project: EB_tresos_Studio', and 'Server: command.elektrobit.com'. A 'Logout' link is also present. On the left, a sidebar contains 'Navigation' with a 'Homepage' link and 'Actions' with links for 'Password Change', 'E-Mail Change', and 'Language Selection'. The main content area displays a form titled 'Changing your personal password'. The form includes a section for the current password, a section for entering a new password twice, and a 'Confirm' button at the bottom right.

Figure 4.3. User preferences menu

To continue, proceed in one of the following ways:

- To return to the **EB Command Main Page**, select **Homepage**.

- ▶ To download product files from EB Command, see [Section 4.4, “Downloading files from EB Command”](#).
- ▶ To leave EB Command and log out, click the **Logout** button. The **EB Command Logged out** page opens up, you are logged out safely now.

4.4. Downloading files from EB Command

The **EB Command Main Page** provides in its center an overview of the EB tresos products that you have purchased.

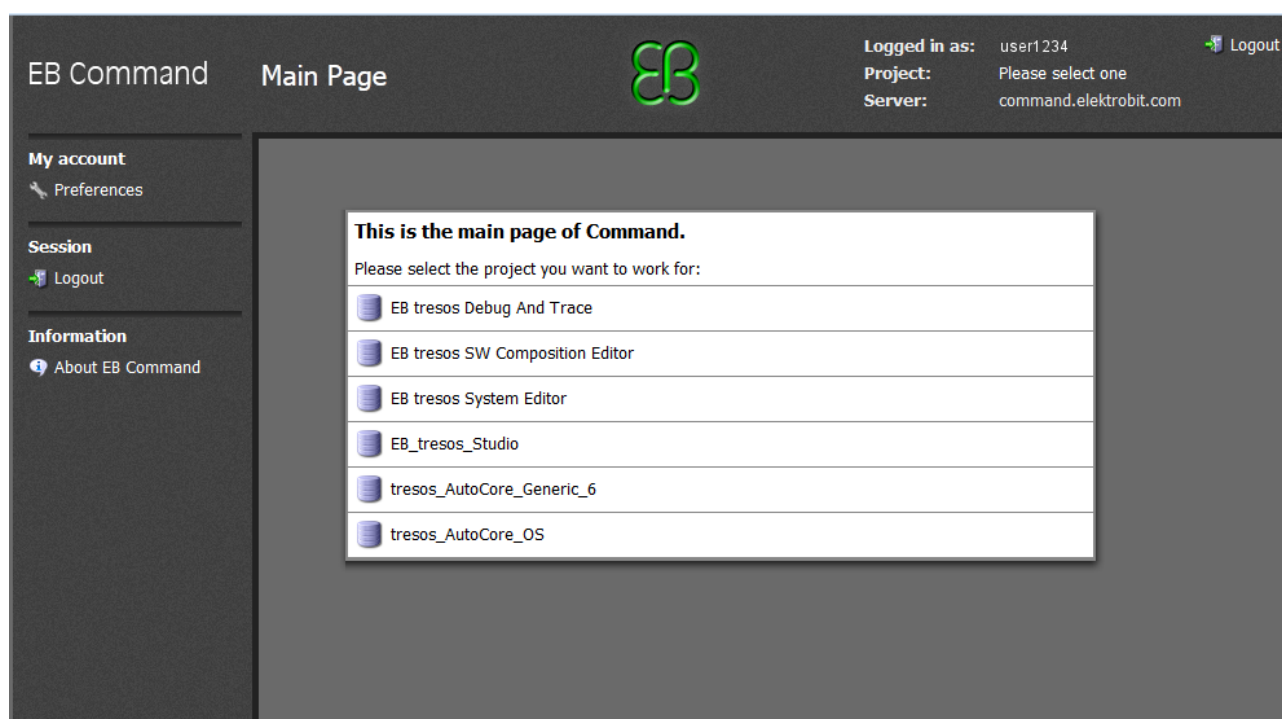


Figure 4.4. User preferences menu

NOTE



The order of the products is not the same as the order of the installation

The order of the EB tresos products on the **EB Command Main Page** is an alphabetical order. The order of the products is not the same as the order of the installation. Always install EB tresos Studio first or with other EB tresos products simultaneously since the installation of all EB tresos products is dependent on EB tresos Studio. The installation order of all additional products to EB tresos Studio does not matter when you have already installed EB tresos Studio.

To download a product from the command server, proceed in the following way:

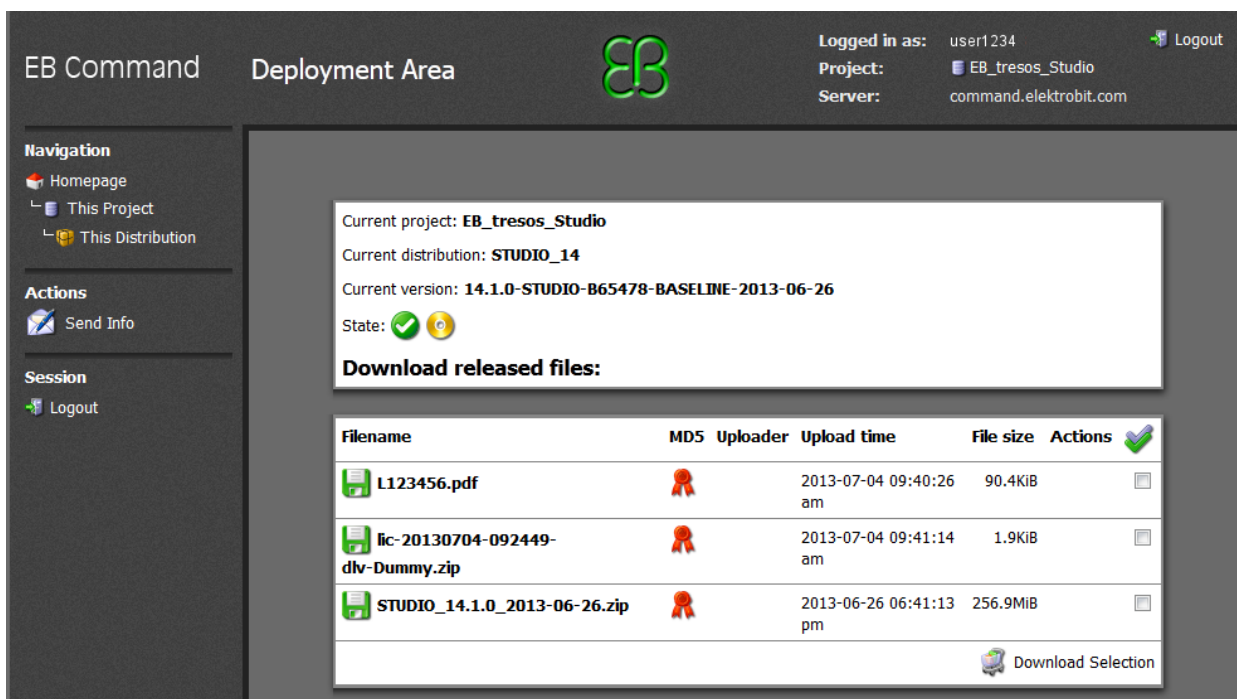
1. Select one of the listed products. To download EB tresos Studio, for example, select `EB_tresos_Studio`.

After you have selected a product, EB Command leads you to the **Deployment Area** page.

2. On the **Deployment Area** page:
 - a. Select a distribution of the product you want to download.
 - b. Select a distribution version of the product you want to download.

A page with a list of available files opens up.

3. In the list of available files, select the check box next to the files that you want to download and click the **Download Selection** button.





EB Command Deployment Area

Logged in as: user1234 Logout
Project: EB_tresos_Studio
Server: command.elektrobit.com







Navigation
Homepage
This Project
This Distribution

Actions
Send Info

Session
Logout

Current project: **EB_tresos_Studio**
Current distribution: **STUDIO_14**
Current version: **14.1.0-STUDIO-B65478-BASELINE-2013-06-26**
State:  

Download released files:

Filename	MD5	Uploader	Upload time	File size	Actions
 L123456.pdf			2013-07-04 09:40:26 am	90.4KiB	<input type="checkbox"/>
 lic-20130704-092449-dlv-Dummy.zip			2013-07-04 09:41:14 am	1.9KiB	<input type="checkbox"/>
 STUDIO_14.1.0_2013-06-26.zip			2013-06-26 06:41:13 pm	256.9MiB	<input type="checkbox"/>


 Download Selection

Figure 4.5. Select files to download page

You have downloaded the selected files to your computer now. Find them in the allocated download location on your computer. Save the .zip file to your computer and unzip it/extract all files.

To continue, proceed in one of the following ways:

- ▶ To install EB tresos products with the downloaded files, see chapter [Chapter 6, “Installing additional products to EB tresos Studio”](#).
- ▶ To leave EB Command and log out, click the **Logout** button. The **EB Command Logged out** page opens up and you are now logged out.

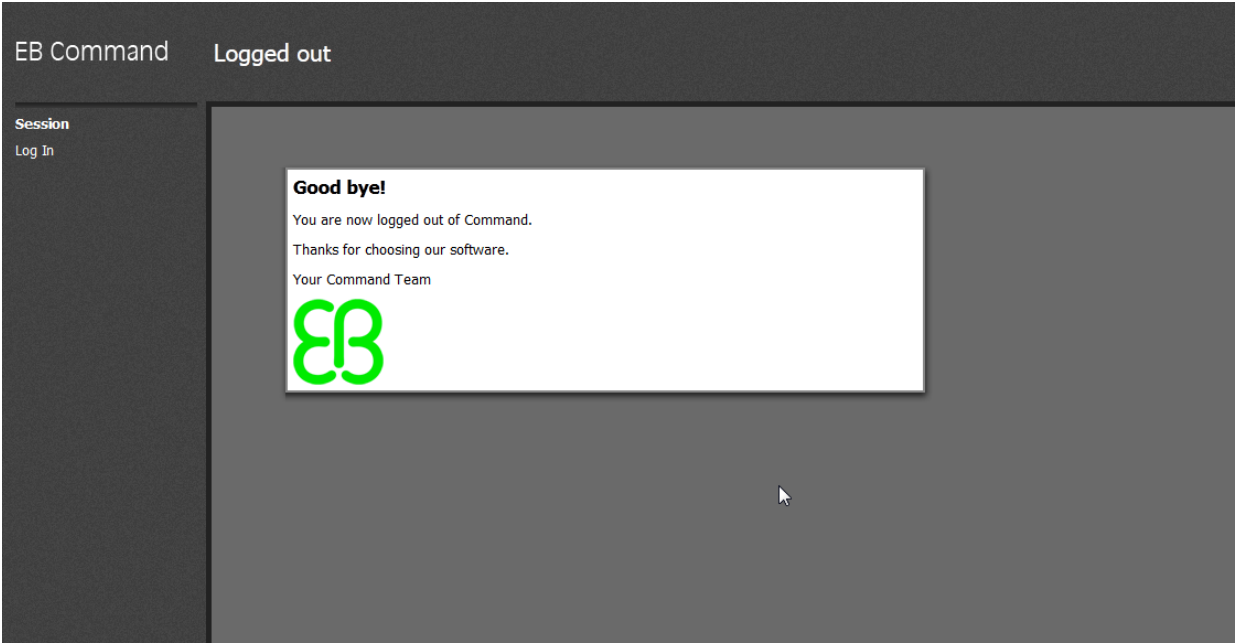


Figure 4.6. EB command Logged out page

5. Installing EB tresos Studio

This chapter is suitable for you if you are installing EB tresos Studio for the first time. To run EB tresos Studio on your PC, you need a valid license. You have to install the license on your PC. This chapter instructs you how to install EB tresos Studio on your PC in [Section 5.1, “Installing EB tresos Studio”](#) and how to install an EB tresos Studio license in [Section 5.2, “Installing EB tresos Studio licenses”](#).

If you also have purchased other products of the EB tresos product line, note that there is a separate installation chapter for additional products of the EB tresos product line. To find information how to install additional products of the EB tresos product line see [Chapter 6, “Installing additional products to EB tresos Studio”](#).

5.1. Installing EB tresos Studio

To install EB tresos Studio perform the following installation steps:

1. Navigate to the file `EB_tresos_Studio` which you have downloaded and unzipped from EB Command. To find information how to download files from EB Command see [Section 4.4, “Downloading files from EB Command”](#).
2. Locate the `setup.exe` file and double-click it.
3. The EB tresos Installer window opens up.

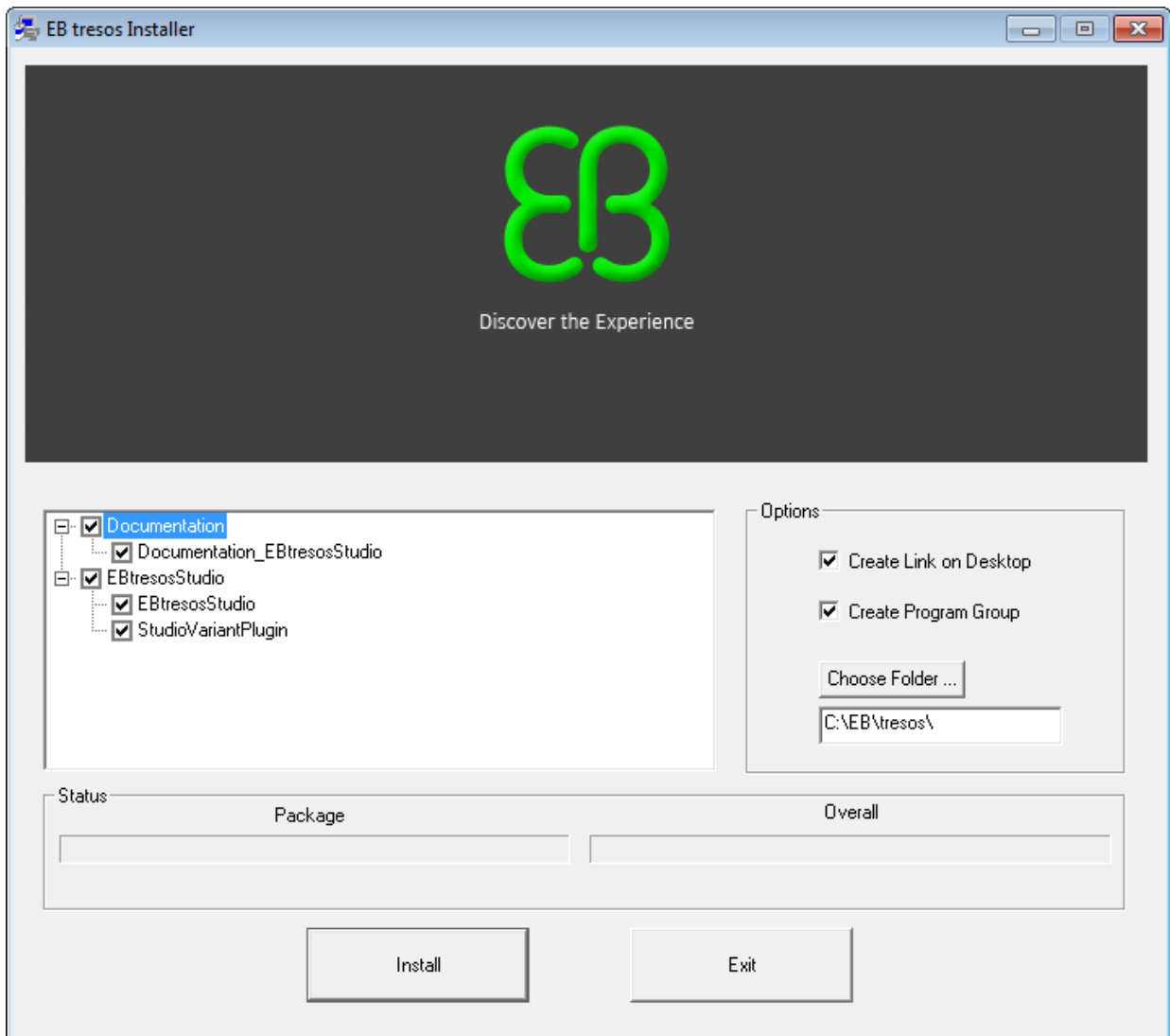


Figure 5.1. EB tresos Installer

4. The rest of the EB tresos Studio installation is the same as the installation of all products of the EB tresos product line. To proceed follow the instructions for the installation of an additional product to EB tresos Studio. Continue there with list item 4. , see [Chapter 6, “Installing additional products to EB tresos Studio”](#).

5.2. Installing EB tresos Studio licenses

For EB tresos Studio you can purchase three different license types: floating licenses, dongled licenses, and node-locked licenses. If you want to learn more about different license types see [Section 3.5, “License concepts and naming schema”](#).

This section enables you to install the suitable license for your EB tresos Studio. The installation for a dongled license or a node-locked license is identical. To install a dongled license or a node-locked license for your EB tresos Studio see [Section 5.2.2, “Installing a dongled license or a node-locked license”](#). To install a floating license for your EB tresos Studio see [Section 5.2.3, “Installing a floating license”](#).

5.2.1. Installing the dongle hardware and dongle driver for an EB tresos Studio dongled license

To use your EB tresos Studio with a dongled license you need the Wibu-Key USB dongle that is sent to you by mail. The Wibu-Key driver software is part of the delivery files that you have downloaded from EB Command. To install the Wibu-Key driver software, plug the USB dongle into an empty USB port of your PC. The Wibu-Key driver software is installed automatically. You can now install the dongled license for your EB tresos Studio. To install the dongled license, proceed to [Section 5.2.2, “Installing a dongled license or a node-locked license”](#).



Figure 5.2. EB USB dongle

5.2.2. Installing a dongled license or a node-locked license

This section is suitable for you if you want to install a dongled or a node-locked license for your EB tresos Studio. If you want to install a floating license see [Section 5.2.3, “Installing a floating license”](#)

NOTE



You need the Wibu-Key USB dongle

Before you install a dongled license, make sure the Wibu-Key USB dongle is plugged into your PC. The appropriate Wibu-Key driver software has been installed during the installation of EB tresos Studio automatically. For information on the Wibu-Key USB dongle see [Section 5.2.1, “Installing the dongle hardware and dongle driver for an EB tresos Studio dongled license”](#).

To install a dongled license or a node-locked license for your EB tresos Studio, perform the following installation steps:

1. Start EB tresos Studio. The EB tresos Studio welcome screen opens up.
2. Open the **Help** menu and select **Licenses**.

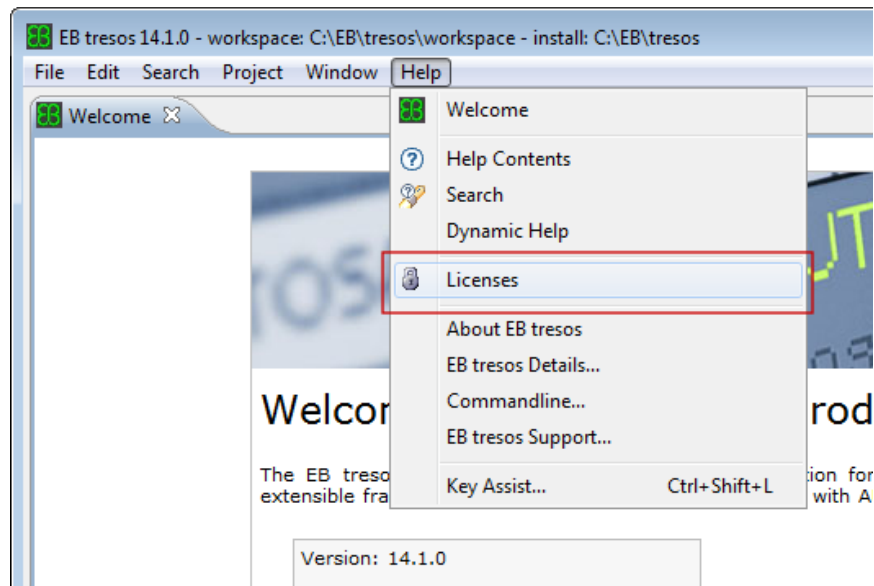


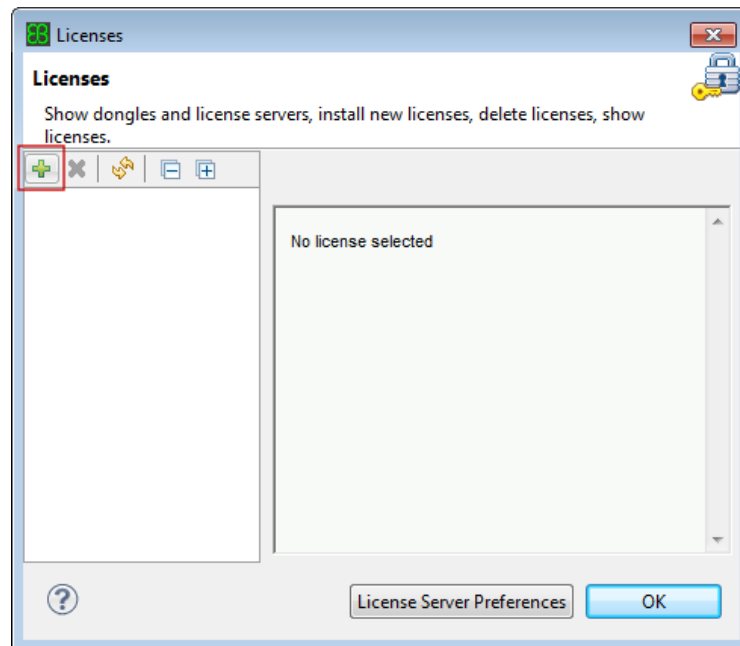
Figure 5.3. EB tresos Studio welcome screen

The **Licenses** window opens up.

NOTE

If you do not refer to the **Help** menu and open the **Licenses** window, a window will prompt to install a license you after a few seconds. Click the **Licenses...** button to be led to the **Licenses** window automatically.

3. In the **Licenses** window, click the  button.

Figure 5.4. **Licenses** window

4. Browse to the directory to which you saved the `.lic` file.
5. Select the `.lic` file and click the **Open** button.

The EB tresos Studio license is being installed and the **Installing Licenses** window opens up with the message `Successfully installed licenses..`

6. In the **Installing Licenses** window, click the **OK** button to return to the **License** window.
7. To proceed and to exit the **Licenses** window, click the **OK** button.

You have now successfully installed your dongled or node-locked license.

5.2.3. Installing a floating license

This section is suitable for you if you want to install a floating license for your EB tresos Studio. If you want to install a dongled license or a node-locked license see [Section 5.2.2, “Installing a dongled license or a node-locked license”](#)

To install a floating license for your EB tresos Studio perform the following installation steps:

1. Start EB tresos Studio. The EB tresos Studio welcome screen opens up.
2. Open the **Help** menu and select **Licenses**.

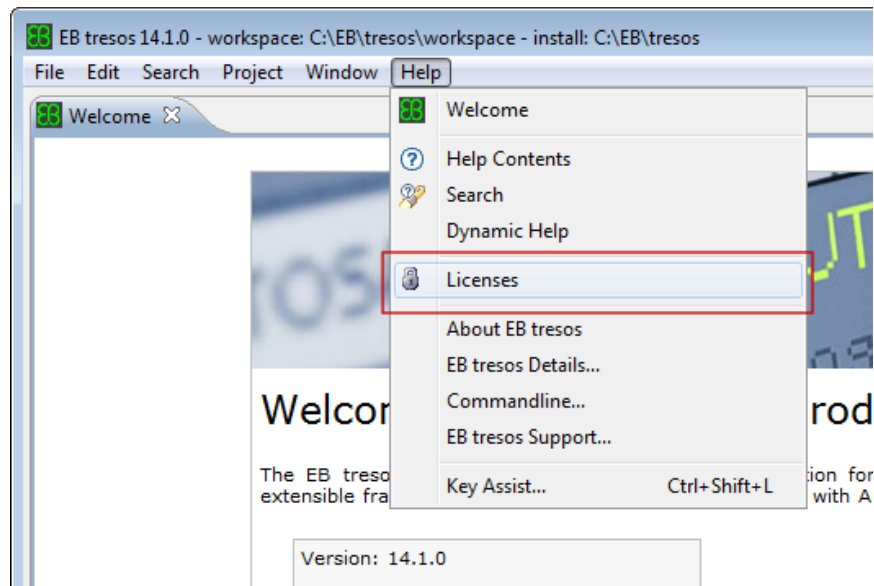


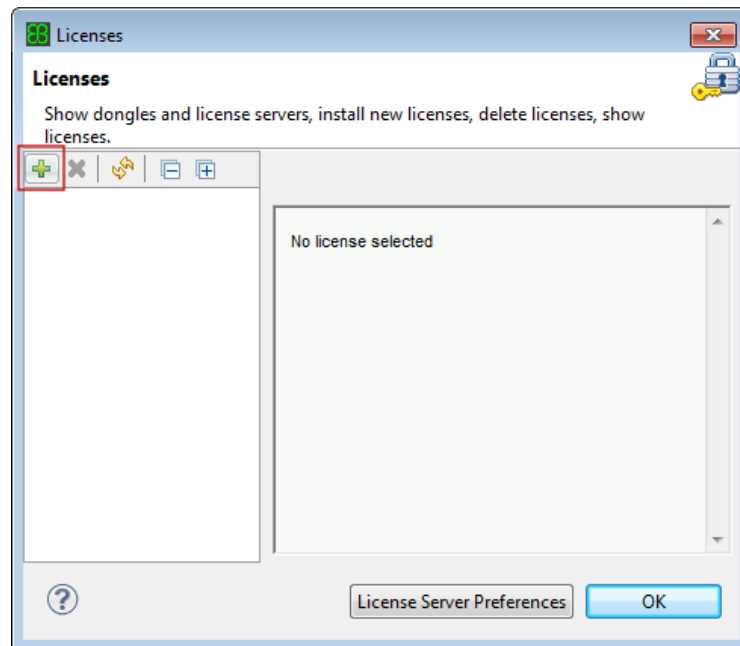
Figure 5.5. EB tresos Studio welcome screen

The **Licenses** window opens up.

NOTE

If you do not refer to the **Help** menu and open the **Licenses** window, a window will prompt to install a license you after a few seconds. Click the **Licenses...** button to be led to the **Licenses** window automatically.

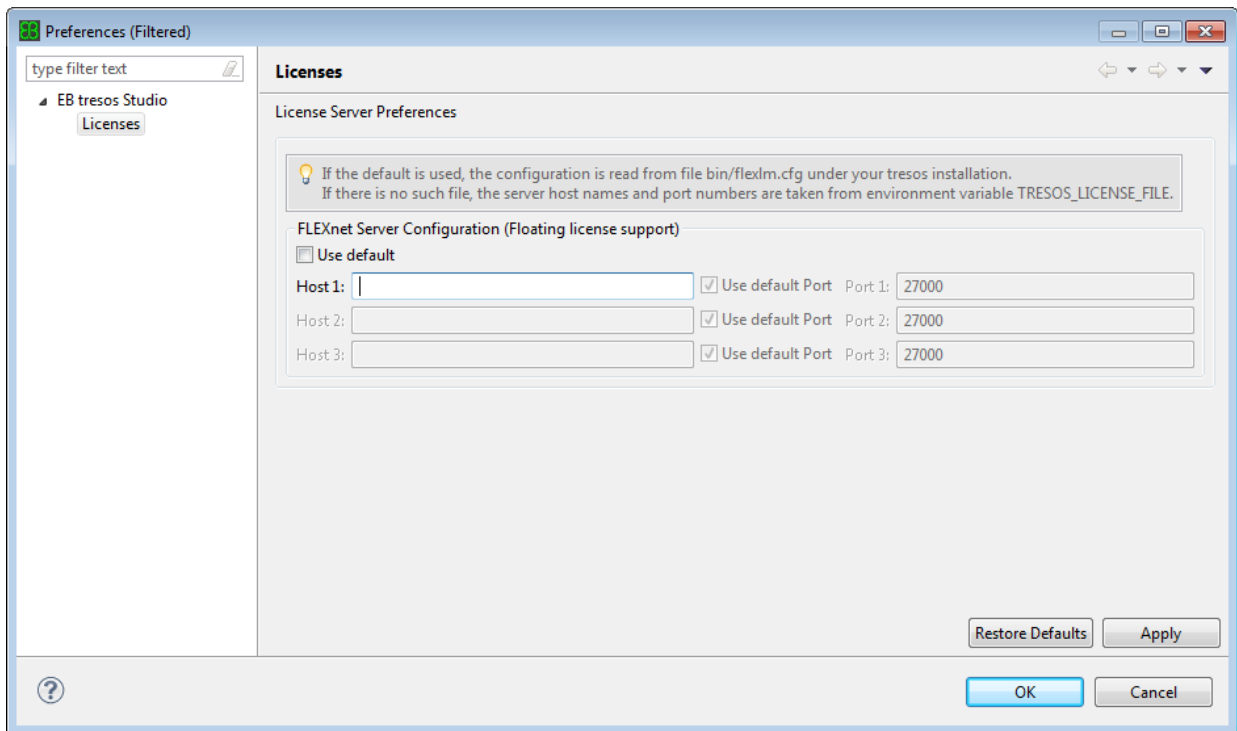
3. In the **Licenses** window, click the  button.

Figure 5.6. **Licenses** window

4. Browse to the directory to which you saved the `.lic` file.
5. Select the `.lic` file and click the **Open** button.

The EB tresos Studio license is being installed and the **Installing Licenses** window opens up with the message `Successfully installed licenses..`

6. In the **Installing Licenses** window, click the **OK** button to return to the **License** window.
7. To configure your license server, click the **License Server Preferences** button. The **Preferences (Filtered)** window opens up.
8. Enter the server name for the floating license in the **Host 1** field. EB tresos Studio needs to connect to the server to check whether you are using a valid license and whether one of the floating licenses is available.

Figure 5.7. **Preferences (Filtered)** window

9. To finish the configuration of the license server click the **Apply** button and then the **OK** button.
10. To proceed and to exit the **Licensess** window, click the **OK** button.

You have now successfully installed your floating license.

5.2.4. Updating licenses for EB tresos Studio

To update a license for EB tresos Studio make sure you have downloaded and unzipped the `.lic` file from EB Command. For information how to download files from EB Command see [Section 4.4, “Downloading files from EB Command”](#).

To update your EB tresos Studio license, perform the following steps:

1. Start EB tresos Studio
2. Open the **Help** menu and select **Licensess**.

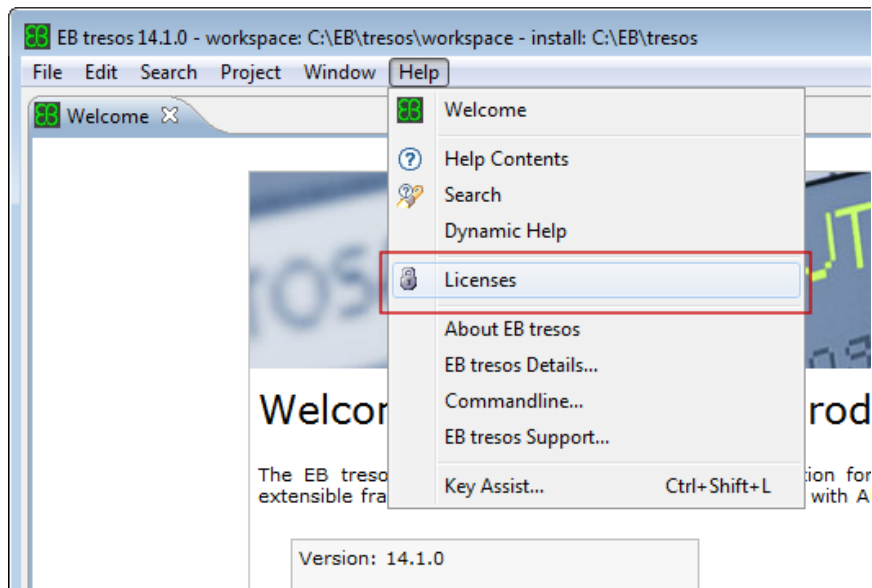




Figure 5.8. Help menu

The **Licenses** window opens up.

3. Select the expired license with which you have worked so far.
4. Remove the expired license. To remove the expired license click the  button.
5. Add a new license file. To add a new license file click the  button.

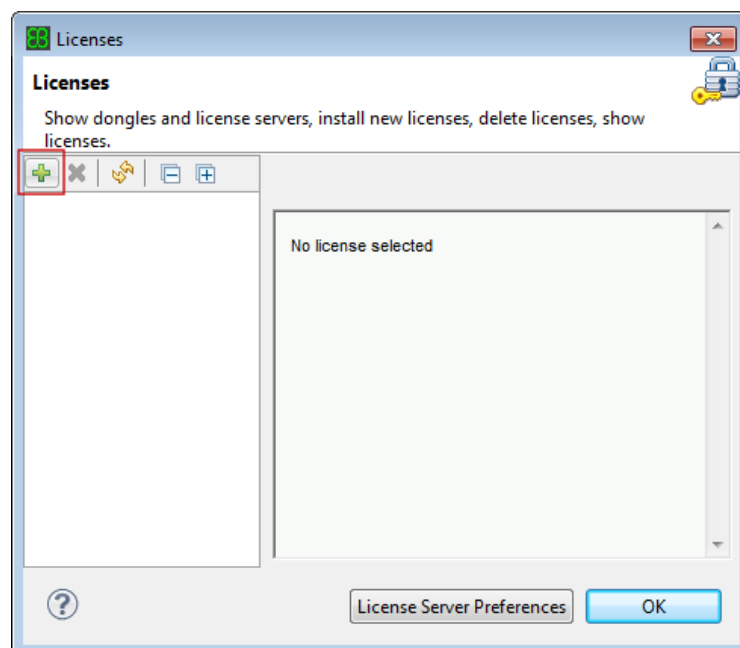


Figure 5.9. Licenses window

6. Navigate to the `.lic` file for EB tresos Studio which you have downloaded and unzipped.
7. Select the `.lic` file and click the **Open** button.

The license that you have added appears in the EB tresos Studio **Licenses** window.

You have now successfully updated your license for EB tresos Studio.

5.3. Installing EB tresos Studio twice on the same computer

It is possible to install the same EB tresos Studio version twice on the same computer. It is also possible to install two different EB tresos Studio versions on the same computer.

If you install EB tresos Studio twice on the same computer and you do not want to overwrite an existing installation, then basically install it in two different locations. It does not matter if it is the same version twice or if it is two different versions.

To install EB tresos Studio twice on your computer:

- ▶ Follow the instructions for an EB tresos Studio installation in [Section 5.1, “Installing EB tresos Studio”](#).
- ▶ When you enter the path to the directory into which you want to install EB tresos Studio, choose a different folder from the one into which you have installed EB tresos Studio for the first time.

E. g. if you have installed your first EB tresos Studio into the folder `C:\EB\tresos`, create a second folder with a different name and install the second EB tresos Studio into there. Name it `C:\EB\tresos_2` for example.

It is also possible to install an additional product to EB tresos Studio twice on the same computer. To install an additional product to EB tresos Studio twice on the same computer, follow the instructions to install EB tresos Studio twice as described in [Section 5.3, “Installing EB tresos Studio twice on the same computer”](#).

6. Installing additional products to EB tresos Studio

6.1. Installing an additional EB tresos product to EB tresos Studio

This chapter is suitable for you if you have already an installed version of EB tresos Studio on your computer and are now installing an additional product to EB tresos Studio for the first time. Additional products are for example EB tresos AutoCore Generic 6 Com Services, EB tresos System Editor, EB tresos Software Composition Editor or EB tresos Debug & Trace.

If you are installing EB tresos Studio for the first time and want to install it twice or different versions of it on the same computer, see [Section 5.3, “Installing EB tresos Studio twice on the same computer”](#).

If you have already installed EB tresos Studio but have not installed a license, see [Section 5.2, “Installing EB tresos Studio licenses”](#).

NOTE**Administrator rights are required**

To use EB tresos Installer to install a product of the EB tresos product line, make sure that you have administrator rights on your computer. If you do not have administrator rights, contact your system administrator to install the software for you.

To install a product of the EB tresos product line, perform the following installation steps:

1. Navigate to the delivery file that you have downloaded from EB Command and unzipped, e. g. `EB_tresos_Studio` for EB tresos Studio. For information how to download files from EB Command, see [Section 4.4, “Downloading files from EB Command”](#).
2. Locate the `setup.exe` file and double-click it.
3. The EB tresos Installer window opens up.

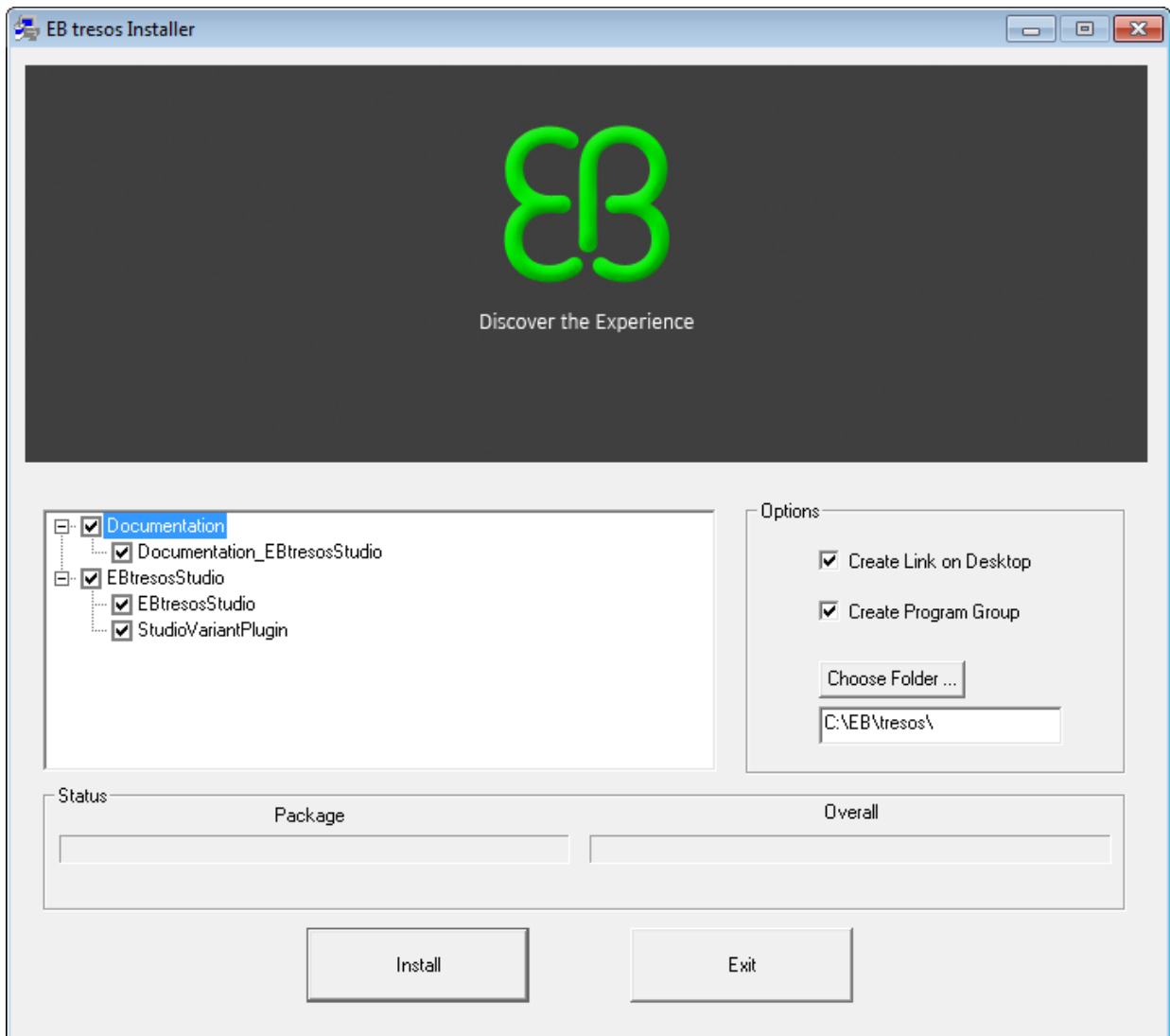


Figure 6.1. EB tresos Installer

4. In the product overview, select the check box for the product you want to install, e. g. `EB tresos Studio`. If there are sub check boxes available, they are selected automatically. You may clear the sub check boxes but it is recommended to keep them selected.

NOTE**Installing several additional EB tresos products simultaneously**

If you have purchased EB tresos AutoCore, EB tresos Debug & Trace, EB tresos Software Composition Editor, EB tresos System Editor, or an other additional EB tresos product together with EB tresos Studio, and if you want to install them simultaneously, select all available check boxes. (This is the default setting.)

5. To install the product documentation as online help, select the `Documentation` check box. The sub check box `Documentation_<product name>` is selected automatically.

6. To create a shortcut to the product on your desktop, select the **Create Link on Desktop** check box on the right hand side of the EB tresos Installer window.
7. To create a shortcut to the product in the start menu of your PC, select the **Create Program Group** check box on the right hand side of the EB tresos Installer window.
8. In the path field underneath the **Choose Folder...** button, enter the path to the directory into which you want to install the product. The path `C:\EB\tresos` is set per default. Click the **Choose Folder** button to browse to the installations directory.

WARNING**EB tresos Studio does not build correctly when you use blanks in the installation path**

Do not use blanks or spaces in the installation folder path. If the path name contains blanks, your EB tresos Studio will not build your software code correctly.

9. To start installing the product, click the **Install** button.

Your additional EB tresos product is now being installed. At the end of the installation a pop-up window informs you: **Installation successful**. To proceed, click the **OK** button.

10. The installation of your additional EB tresos product is finished now. To leave the Installer, click the **Exit** button.

NOTE

Before you can use the additional EB tresos product that you have installed, you must clarify whether you need a valid license for this product. For information about EB tresos product licenses, see [Section 3.5, “License concepts and naming schema”](#). For information how to install licenses, see [Section 5.2, “Installing EB tresos Studio licenses”](#).

6.2. Installing licenses for additional EB tresos products

The license installation process for an additional EB tresos product is the same as the installation process for an EB tresos Studio license. If you need to install a license for an additional EB tresos product, proceed as if you would have to install a license for EB tresos Studio. For information how to install an EB tresos Studio license, see [Section 5.2, “Installing EB tresos Studio licenses”](#).

6.2.1. Installing the dongle hardware for a dongled license of an additional product to EB tresos Studio

To use an additional product to EB tresos Studio, you do not need an extra Wibu-Key USB dongle. You may use the Wibu-Key USB dongle that you have already installed for the dongled license of your EB tresos Studio. For the case that you have not yet installed the dongled hardware, see [Section 5.2.1, “Installing the dongle hardware and dongle driver for an EB tresos Studio dongled license”](#).

Before you can use your additional product to EB tresos Studio with a dongled license, you must download the appropriate **.lic** file from EB Command. To download files from EB Command, see [Section 4.4, “Downloading files from EB Command”](#). Replace your old **.lic** file with the new one as described in [Section 5.2.4, “Updating licenses for EB tresos Studio”](#).

6.2.2. Updating licenses for additional EB tresos products

The update process for a license of an additional EB tresos product is the same as the update process for an EB tresos Studio license. For information how to update a license, see [Section 5.2.4, “Updating licenses for EB tresos Studio”](#).

6.3. Installing an additional product to EB tresos Studio twice on the same computer

It is possible to install the same version of an additional product to EB tresos Studio twice on the same computer. It is also possible to install two different versions of an additional product to EB tresos Studio on the same computer.

To install an additional product to EB tresos Studio twice on the same computer, follow the instructions to install EB tresos Studio twice as described in [Section 5.3, “Installing EB tresos Studio twice on the same computer”](#).

7. Setting up a license server

This chapter is suitable for network administrators and server administrators. It provides an introduction to the installation of a floating network license server.

7.1. Supported operating systems

EB tresos Studio supports floating network licenses with FLEXnet Publisher software components from Flexera Software Inc. with FLEXId dongles. You must connect these FLEXId dongles to the USB port of the license server.

NOTE**Only MS Windows operating systems are supported**

Note that EB currently provides license server executables only for MS Windows operating systems.

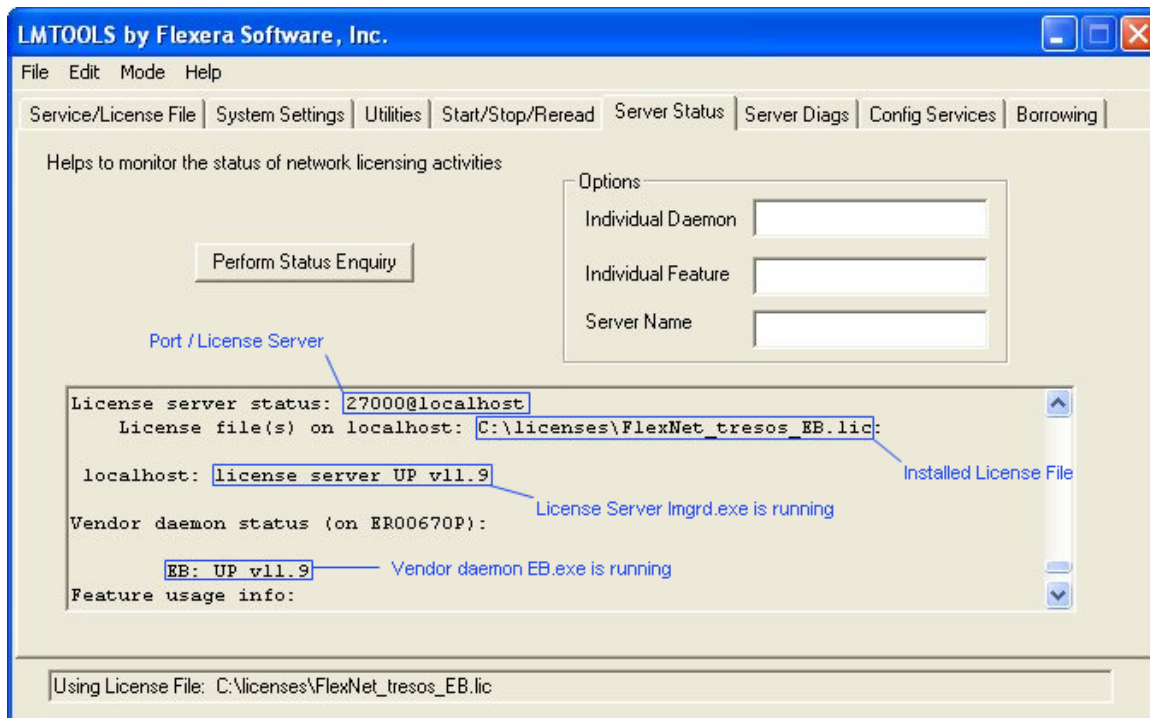
For license servers the following operating systems are supported:

- ▶ MS Windows Server 2008 (32 Bit), including SP2
- ▶ MS Windows Vista (32 Bit) including SP2 - Business, Enterprise, Ultimate
- ▶ MS Windows 7 - Professional (32 Bit, 64 Bit), Enterprise, Ultimate
- ▶ MS Windows Server 2003, including SP1 and R2

7.2. Setting up the server

The server consists of the main server (`i86_n3_lmgrd.exe`), and a *vendor daemon* (the publisher-specific component in a FlexNet license server) `EB.exe`.

The default port of the FlexNet servers is 27000:



If your company already runs such a license server but for a different product from another company, you may use the existing server but must additionally install the `EB.exe` vendor daemon and the `FLEXnet_tresos_<customer>.lic`. However, do make sure to always use the latest installation of the FlexNet server. Use at least the version 11.6 of the FlexNet server. For details, refer to the `LicenseAdministration.pdf`, chapter Managing Licenses from Multiple Software Publishers.

1. Copy the `EB.exe` and the server `lmgrd.exe` into one directory.
2. To simplify the configuration of the server, run the `i86_n3_lmttools.exe`¹. This program opens a dialog-based configuration editor.
3. To configure a new license file on the license server select **Configuration using Services** on the tab **Service/License File**.
4. Locate the **Config Services** tab.
5. Insert a new service name.

A new service name is required for every license file configured for the license server.

6. Select the paths to the `lmgrd.exe`, the FlexNet license file provided by EB in the format `FLEXnet_tresos_<customer>.lic` and a debug log location and save the new service.

¹The .exe delivered by EB is the `i86_n3_lmttools.exe`, however, the Flexera calls the tool `lmttools`.

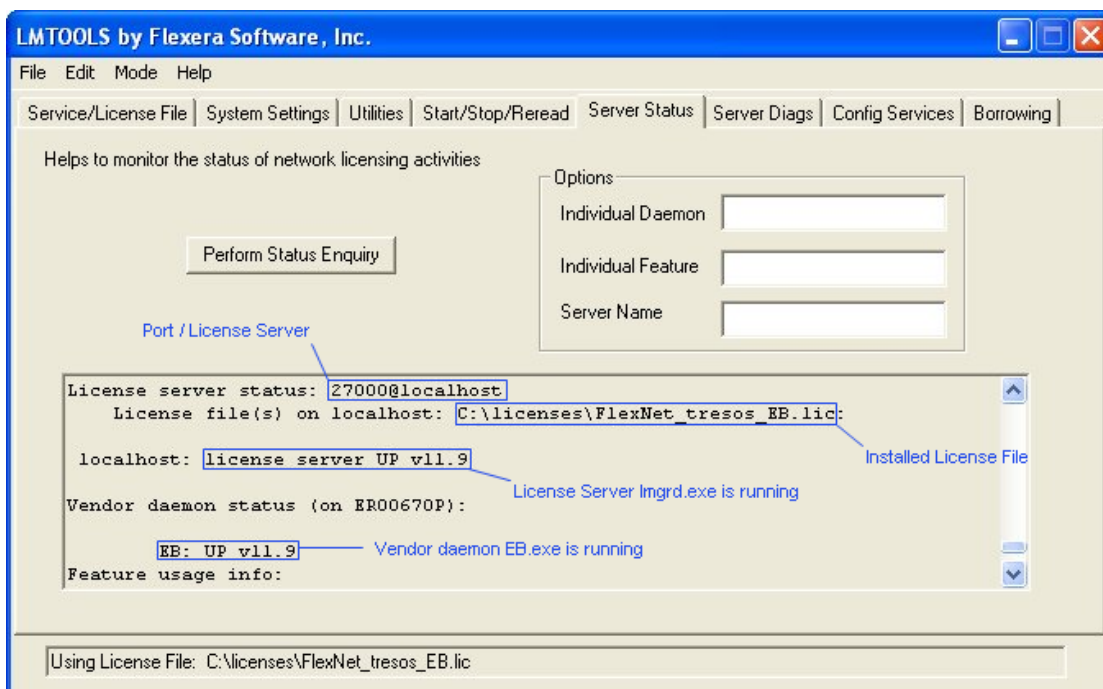
NOTE**You cannot enter the path to the vendor daemon**

Note that you cannot enter the path to the *vendor daemon*. Since the license shows the vendor name in the VENDOR line (*VENDOR EB*), the server assumes the vendor daemon to be *EB.exe*.

7. To start the service, select the **Start/Stop/Reread** tab.
8. For further instructions, refer to the `LicenseAdministration.pdf`.

To check in `lmttools` if the server is set up correctly,

- ▶ Select the tab **Server Status**.
- ▶ Click on the **Perform Status Enquiry** button.
- ▶ Scroll to the results of your license server (the list might show other FlexNet license servers found on your network).
- ▶ Check that the license server and the vendor daemon *EB* both are *UP* and running as depicted below.



If the server is set up, the administrator is done.

Continue at [Section 5.2.3, “Installing a floating license”](#).

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