



Elektrobit

EB tresos[®] begin here

version 2.1.0



Elektrobit Automotive GmbH
Am Wolfsmantel 46
91058 Erlangen, Germany
Phone: +49 9131 7701 0
Fax: +49 9131 7701 6333
Email: info.automotive@elektrobit.com

Technical support

<https://www.elektrobit.com/support>

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Modification history

Version	Description
2.1.0	Adapted list of delivered documents for EB tresos [®] AutoCore Generic Removed DOIP, LDCOM, SD
2.0.9	Added E2EP07, E2EPRN, and SplitImEx, removed CAL and DET Added Safety E2E Protection and IOC documents
2.0.8	Added Crypto and Security Stack, removed CSM and SECOC
2.0.7	Adapted list of delivered documents for EB tresos [®] AutoCore Generic Added Transformers, removed Transformer (COM) and Transformer (SOME/IP)
2.0.6	Adapted content of <code>Installation</code> folder Removed WinCore Adapted list of delivered documents for EB tresos [®] AutoCore Generic Added A2L, updated E2E Added list of delivered documents for EB tresos [®] Safety RTE Added EB tresos Safety RTE Adapted list of delivered documents for EB tresos [®] Safety OS Added SST
2.0.5	Adapted list of delivered documents for EB tresos [®] AutoCore Generic Added DET, DLT, Quality Level Adapted list of delivered documents for EB tresos [®] Studio for ACG8 Removed ODX Importer, Software Composition Editor Removed <i>Finding out what is new in this delivery</i> chapter, notice added to <i>EB tresos product documentation</i> chapter instead
2.0.4	Adapted list of delivered documents for EB tresos [®] AutoCore Generic Added E2E Protection
2.0.3	Adapted list of delivered documents for EB tresos [®] AutoCore Generic Added SECOC, Time Sync
2.0.2	Adapted list of delivered documents for EB tresos [®] AutoCore Generic Added CSM, SD, DOIP, LDCOM, Transformer (SOME/IP)
2.0.1	Adapted list of delivered documents for EB tresos [®] AutoCore Generic
2.0.0	Initial new version Adapted list of delivered documents



1. Overview

The purpose of the EB tresos begin here guide is to help you find the documentation available for the product you purchased and how to access this documentation.

[Chapter 2, “EB tresos product documentation”](#) lists what documents are available and the information they contain.

[Chapter 3, “Accessing installation instructions”](#) provides instructions on how to locate the installation instructions for your software.

[Chapter 4, “Accessing online help and PDF files”](#) details how to open online help and find PDF files available for your installed software.

2. EB tresos product documentation

In this chapter you learn about the naming schema for documentation and what help files and documentation is available.

TIP



Finding out what is new in this delivery

To find out what is new in this delivery, see the release notes of the respective product documentation.

2.1. Naming schema for online help and PDF files

The naming schema of the documentation is:

`<product_line_name> <product_name> <type_of_documentation>`

In this schema:

- ▶ `<product_line_name>` is EB tresos
- ▶ `<product_name>` is e.g. AutoCore Generic
- ▶ `<type_of_documentation>` is e.g. *documentation*, this includes: user documentation, APIs, release notes, architecture notes, installation guides, new features, safety manuals, etc.

If applicable, the following information is added to the document name:

`<architecture>_<derivative>`

See [Section 2.2, “List of all documentation”](#) for a list of all available documents.

2.2. List of all documentation

This table provides information about all possible documents. This means, you may see additional information about options you have not purchased.

Online help file name	PDF file name	Content description
EB tresos® begin here	EB_tresos_begin_here.pdf	Overview of all documentation. The document you are currently reading.

Table 2.1. EB tresos begin here



Online help file name	PDF file name	Content description
EB tresos® installation guide	1.1_EB_tresos_installation_guide.pdf	Instructions on how to install the product.
EB tresos® glossary	1.2_EB_tresos_glossary.pdf	Glossary for all products of the EB tresos product line.

Table 2.2. Content of the `Installation` folder

Online help file name	PDF file name	Content description
EB tresos® Studio for ACG8 user's guide	2.1_Studio_documentation_users_guide.pdf	Contains instructions for configuring AUTOSAR basic software with EB tresos Studio.
This file is currently not included in the online help.	2.2_Studio_release_notes.pdf	Contains the change log of EB tresos Studio; the change log includes bug fixes, changes and new features, as well as improvements.
This file is currently not included in the online help.	2.3_Studio_new_and_noteworthy.pdf	Contains short descriptions and examples of the most important new features or changes.
EB tresos® Studio for ACG8 developer's guide	2.4_Studio_documentation_developers_guide.pdf	Contains instructions to extend the functionality of EB tresos Studio to meet your needs.
EB tresos® ECU Configuration Wizard documentation	EB_tresos_ECU_Configuration_Wizard_documentation.pdf	Contains instructions for importing configurations in EB tresos Studio.
EB tresos® Splitable importer / exporter documentation	EB_tresos_Import_Export_Split_Configuration_documentation.pdf	Contains instructions for importing and exporting split configuration files in EB tresos Studio.
EB tresos® Studio Public API Java	A PDF file is not available.	This subfolder contains the Public API Java documentation for EB tresos Studio.

Table 2.3. Content of the `EB tresos Studio` folder

Online help file name	PDF file name	Content description
EB tresos® AutoCore OS documentation	3.1_AutoCore_OS_documentation.pdf	Contains general instructions on how to configure the EB tresos AutoCore OS module.
EB tresos® AutoCore OS architecture notes_<architecture>_<derivative>	3.2_AutoCore_OS_architecture_notes_<architecture>_<derivative>.pdf	Contains architecture-specific instructions for the OS module. This includes configuration and properties of the OS.



Online help file name	PDF file name	Content description
EB tresos® AutoCore OS release notes_<architecture>_<derivative>	3.3_AutoCore_OS_release_notes_<architecture>_<derivative>.pdf	Contains release-specific information of the current EB tresos AutoCore OS release for the architecture and derivative indicated.
EB tresos® AutoCore OS Multi-Core documentation	3.4_AutoCore_OS_multi-core_documentation.pdf	Contains information on how to use EB tresos AutoCore OS on a multi-core microcontroller.
EB tresos® IOC user's guide	3.5_IOC_documentation.pdf	Contains information on how to configure and use EB tresos IOC.
EB tresos® AutoCore OS Inter-OS-Application Communicator release notes <architecture> <derivative>	3.7_IOC_release_notes_<architecture>_<derivative>.pdf	Contains release-specific information of the current EB tresos AutoCore IOC for the architecture and derivative indicated.

Table 2.4. Content of the EB tresos AutoCore OS folder

The following table lists the EB tresos AutoCore Generic documents. The <version> will depend on your EB tresos AutoCore Generic version, for example version 6 or 7.

Online help file name	PDF file name	Content description
EB tresos® AutoCore Generic <version> documentation	AutoCore_Generic_documentation.pdf	Provides general release notes for all products, supported features, and concepts.
EB tresos® AutoCore Generic 8 A2L documentation	AutoCore_Generic_A2L_documentation.pdf	Provides instructions for generating an A2L file in EB tresos Studio.
EB tresos® AutoCore Generic <version> Base documentation	AutoCore_Generic_Base_documentation.pdf	Provides ACG<version> Base product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> CAN Stack documentation	AutoCore_Generic_CAN_Stack_documentation.pdf	Provides ACG<version> Can Stack product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> Com Services documentation	AutoCore_Generic_Com_Services_documentation.pdf	Provides ACG<version> Com Services product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> Crypto and Security Stack documentation	AutoCore_Generic_Crypto_and_Security_Stack_documentation.pdf	Provides ACG<version> Crypto and Security Stack product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> Diagnostic Stack documentation	AutoCore_Generic_Diagnostic_Stack_documentation.pdf	Provides ACG<version> Diagnostic Stack product-specific release notes, user documentation, and module references.



Online help file name	PDF file name	Content description
EB tresos® AutoCore Generic <version> DLT documentation	AutoCore_Generic_DLT_-documentation.pdf	Provides ACG<version> DLT product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> FlexRay Stack documentation	AutoCore_Generic_FlexRay_-Stack_documentation.pdf	Provides ACG<version> FlexRay Stack product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> IP Stack documentation	AutoCore_Generic_IP_Stack_-documentation.pdf	Provides ACG<version> IP Stack product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> LIN Stack documentation	AutoCore_Generic_LIN_-Stack_documentation.pdf	Provides ACG<version> LIN Stack product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> Memory Stack documentation	AutoCore_Generic_Memory_Stack_documentation.pdf	Provides ACG<version> Memory Stack product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> Mode Management documentation	AutoCore_Generic_Mode_Management_documentation.pdf	Provides ACG<version> Mode Management product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> Quality Level documentation	AutoCore_Generic_Quality_Level_documentation.pdf	Provides definitions and concepts used in evaluating products and projects.
EB tresos® AutoCore Generic <version> RTE documentation	AutoCore_Generic_RTE_-documentation.pdf	Provides ACG<version> RTE product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> Time Sync documentation	AutoCore_Generic_Time_Sync_documentation.pdf	Provides ACG<version> Time Sync product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> Transformers documentation	AutoCore_Generic_Transformers_documentation.pdf	Provides ACG<version> Transformers product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> Watchdog Stack documentation	AutoCore_Generic_Watchdog_Stack_documentation.pdf	Provides ACG<version> Watchdog Stack product-specific release notes, user documentation, and module references.
EB tresos® AutoCore Generic <version> XCP documentation	AutoCore_Generic_XCP_-documentation.pdf	Provides ACG<version> XCP product-specific release notes, user documentation, and module references.

Online help file name	PDF file name	Content description
updated periodically, thus not part of the online help but downloadable	EB_tresos_Autocore_known_problems.pdf	Contains release-specific known problems (<i>bugs</i>). PDF document updated periodically; the latest version is available for download at: https://command.elektrobit.com/command/mod_perl/login.pl .
EB tresos® E2E Profile 1	E2E_E2EP01_documentation.pdf	Provides release notes, user documentation, and module references.
EB tresos® E2E Profile 2	E2E_E2EP02_documentation.pdf	Provides release notes, user documentation, and module references.
EB tresos® E2E Profile 4	E2E_E2EP04_documentation.pdf	Provides release notes, user documentation, and module references.
EB tresos® E2E Profile 5	E2E_E2EP05_documentation.pdf	Provides release notes, user documentation, and module references.
EB tresos® E2E Profile 6	E2E_E2EP06_documentation.pdf	Provides release notes, user documentation, and module references.
EB tresos® E2E Profile 7	E2E_E2EP07_documentation.pdf	Provides release notes, user documentation, and module references.
EB tresos® E2E Profile Renault/Nissan	E2E_E2EPRN_documentation.pdf	Provides release notes, user documentation, and module references.
EB tresos® E2E Wrapper	E2E_E2EPW_documentation.pdf	Provides release notes, user documentation, and module references.
EB tresos® E2E Transformer (E2E)	E2E_E2EXF_documentation.pdf	Provides release notes, user documentation, and module references.

Table 2.5. Content of the EB tresos AutoCore Generic folder

Online help file name	PDF file name	Content description
MCAL release notes	5.1_MCAL_release_notes.pdf	Provides the MCAL modules' release-specific information.
<MODULE-SHORTNAME> release notes and documentation	<MODULE-SHORTNAME>_release_notes_and_documentation.pdf	Provides release-specific MCAL information and configuration instructions.
<MCAL Module>	<MCAL Module>.pdf	Provides release-specific MCAL information and configuration instructions.

Table 2.6. Content of the MCAL modules folder



Online help file name	PDF file name	Content description
This file is currently not included in the online help.	Safety_E2E_Wrapper_safety_manual.pdf	Provides background information and requirements for the integration and usage of EB tresos Safety E2E Wrapper.
This file is currently not included in the online help.	Safety_E2E_Wrapper_release_notes.pdf	Provides release-specific information of the EB tresos Safety E2E Wrapper release.
This file is currently not included in the online help.	Safety_E2E_Transformers_safety_manual.pdf	Provides background information and requirements for the integration and usage of EB tresos Safety E2E Transformer (E2E).
This file is currently not included in the online help.	Safety_E2E_Transformers_release_notes.pdf	Provides release-specific information of the EB tresos Safety E2E Transformer (E2E) release.
This file is currently not included in the online help.	EB_tresos_Safety_E2E_Profile_01_safety_manual.pdf	Provides background information and requirements for the integration and usage of EB tresos Safety E2E Profile 1.
This file is currently not included in the online help.	EB_tresos_Safety_E2E_Profile_02_safety_manual.pdf	Provides background information and requirements for the integration and usage of EB tresos Safety E2E Profile 2.
This file is currently not included in the online help.	EB_tresos_Safety_E2E_Profile_04_safety_manual.pdf	Provides background information and requirements for the integration and usage of EB tresos Safety E2E Profile 4.
This file is currently not included in the online help.	EB_tresos_Safety_E2E_Profile_05_safety_manual.pdf	Provides background information and requirements for the integration and usage of EB tresos Safety E2E Profile 5.
This file is currently not included in the online help.	EB_tresos_Safety_E2E_Profile_06_safety_manual.pdf	Provides background information and requirements for the integration and usage of EB tresos Safety E2E Profile 6.
This file is currently not included in the online help.	EB_tresos_Safety_E2E_Profile_07_safety_manual.pdf	Provides background information and requirements for the integration and usage of EB tresos Safety E2E Profile 7.
This file is currently not included in the online help.	11.1_EB_tresos_Safety_TimE_Protection_release_notes.pdf	Provides release-specific information of the EB tresos Safety TimE Protection release, eg. information about compilers, new features, etc.
This file is currently not included in the online help.	11.2_EB_tresos_Safety_TimE_Protection_safety_manual.pdf	Provides background information and requirements for the integration and usage of



Online help file name	PDF file name	Content description
		EB tresos Safety TimE Protection, API, and parameters descriptions.

Table 2.7. Content of the EB tresos Safety E2E Protection folder

Online help file name	PDF file name	Content description
This file is currently not included in the online help.	8.1_Safety_OS_documentation_<architecture>.pdf	Provides a user's guide for the EB tresos Safety OS and background information with API and parameter descriptions.
This file is currently not included in the online help.	8.2_Safety_OS_safety_manual_<architecture>.pdf	Provides the necessary information to use EB tresos Safety OS safely on a project.
This file is currently not included in the online help.	8.3_Safety_OS_release_notes_<architecture>_<derivative>.pdf	Provides release-specific information on the EB tresos Safety OS release, e.g. supported compilers, new features, how to migrate the EB tresos Safety OS, deviations, and change log.
This file is currently not included in the online help.	8.4_Safety_OS_documentation_SST.pdf	Provides a user's guide for the Simple Schedule Table and the necessary information to use Simple Schedule Table safely on a project.
This file is currently not included in the online help.	8.6_IOC_safety_manual.pdf	Provides information about the safe use of EB tresos IOC.

Table 2.8. Content of the EB tresos Safety OS folder

Online help file name	PDF file name	Content description
This file is currently not included in the online help.	Safety_RTE_documentation.pdf	Provides a user's guide for the EB tresos Safety RTE and background information with API and parameter descriptions.
This file is currently not included in the online help.	Safety_RTE_safety_manual.pdf	Provides the necessary information to use EB tresos Safety RTE safely on a project.
This file is currently not included in the online help.	Safety_RTE_release_notes.-pdf	Contains the change log of EB tresos Safety RTE.

Table 2.9. Content of the EB tresos Safety RTE folder

3. Accessing installation instructions

The installation instructions can be found in online help and as PDF files that are included with your download.

TIP



Installation guide additional information

The installation guide also provides information about parallel installation of the same software version and installation of different releases.

3.1. Online help

To access the installation instructions in online help:

1. Select the **Help** menu.
2. Select **Help Contents**. The **Help - EB tresos** window opens.
3. Select **Installation** to access the EB tresos® installation guide.

TIP



Access online help with F1 key

You can select the F1 key to access online help. The **Help** menu opens, and you can access all online help topics.

3.2. PDF files

The installation instructions, as PDF files, are located in the ZIP file you downloaded from the EB command server. The file name is `EB_tresos_installation_guide.pdf`. To access the installation instructions PDF file:

1. Locate the root directory of the EB tresos Studio installation on your host PC `$TRESOS_BASE/doc`. `$TRESOS_BASE` is the directory that you installed the software in.
2. Double-click the folder `1.0_Installation`.
3. Double-click `1.1_EB_tresos_installation_guide.pdf`.

4. Accessing online help and PDF files

After you install your EB tresos software, the documentation for the products installed is available as online help and PDF files.

4.1. Online help

To access the online help in EB tresos Studio:

1. Select the **Help** menu.
2. Select **Help Contents**. The **Help - EB tresos** window opens.

TIP



Access online help with F1 key

You can select the F1 key to access online help. The **Help** menu opens, and you can access all online help topics.

4.2. PDF files

To access the PDF files:

1. Locate the root directory of the EB tresos Studio installation on your host PC `$TRESOS_BASE/doc`.
`$TRESOS_BASE` is the directory that you installed the software in.
2. Double-click the desired folder in the list.
3. Double-click the PDF file.