EB

Discover the Experience

EB tresos® begin here

version 2.0.2

EB tresos® begin here

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

Technical support

Europe	**Japan**	**USA**
Phone: +49 9131 7701 6060	Phone: +81 3 5577 6110	Phone: +1 888 346 3813

Support URL

http://automotive.elektrobit.com/
support

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Modification history

Version	Description
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 objective of the EB tresos begin here guide is to help you find out which documentation is available for the product you purchased and how to access this documentation.

The document provides information about all options available. This means that you may also see information about options you have not purchased.

In Chapter 2, "Background information" you learn which documents are available and which kind of information they contain.

Chapter 4, "Accessing the installation instructions" provides instructions on how to locate the installation instructions for your software.

Chapter 5, "Accessing online help and PDF files" helps you find the online help and the PDF files once you have installed the software.

2.   Background information

From this chapter you'll learn which help and documentation is available and how to find out the content from the file name.

2.1. List of all documentation

This table provides information about all possible documents. Depending on the package you purchased, you may have less documents than the maximum possible number.

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.

[a]In the online help, this document is packed into a folder called EB tresos begin here.

Table 2.1. EB tresos begin here[a]

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	The glossary for all products of the EB tresos product line.
EB tresos® WinCore first steps	1.3_WinCore_first_steps.pdf	Instructions on how to install and how to get started with EB tresos WinCore.

Table 2.2. Content of the `Installation` folder

Online help file name	PDF file name	Content description
EB tresos® Studio user's guide	2.1_Studio_documentation_users_guide.pdf	This document 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 developer's guide	2.4_Studio_documentation_developers_guide.pdf	This document contains instructions for extending the functionalities of EB tresos Stu-

Online help file name	PDF file name	Content description
		dio to your needs. This document is targeted for developers who want to e.g. add their own workflow into the **Workflows** view in EB tresos Studio or add new GUI widgets to EB tresos Studio etc.
EB tresos® Studio Public API Java	Studio Public API Java	This sub-folder 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	Provides 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	Contain architecture-specific instructions for the Os module. This includes configuration and properties of the OS.
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 derivate indicated.

Table 2.4. Content of the `EB tresos AutoCore OS` folder

The following table lists the EB tresos AutoCore Generic documents where the <version> depends on your delivery. This may be for example, version 6 (EB tresos AutoCore Generic 6) or 7 (EB tresos AutoCore Generic 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, application examples and stack-specific user's guides.
EB tresos® AutoCore Generic <version> Base documentation	AutoCore_Generic_Base_documentation.pdf	Provides ACG<version> Base product specific release notes 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 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 and module references.

Online help file name	PDF file name	Content description
EB tresos® AutoCore Generic <version> Diagnostic Stack documentation	AutoCore_Generic_Diagnostic_Stack_documentation.pdf	Provides ACG<version> Diagnostic Stack product specific release notes 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 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 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 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 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 and module references.
EB tresos® AutoCore Generic <version> RTE documentation	AutoCore_Generic_RTE_documentation.pdf	Provides ACG<version> RTE product specific release notes 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 and module references.
EB tresos® AutoCore Generic <version> CAL documentation	AutoCore_Generic_CAL_documentation.pdf	Provides ACG<version> CAL product specific release notes user's guide and module references.
EB tresos® AutoCore Generic <version> CSM documentation	AutoCore_Generic_CSM_documentation.pdf	Provides ACG<version> CSM product specific release notes user's guide and module references.
EB tresos® AutoCore Generic <version> XCP documentation	AutoCore_Generic_XCP_documentation.pdf	Provides ACG<version> XCP product specific release notes user's guide and module references.
EB tresos® AutoCore Generic <version> DOIP documentation	AutoCore_Generic_DOIP_documentation.pdf	Provides ACG<version> DOIP product specific release notes user's guide and module references.

Online help file name	PDF file name	Content description
EB tresos® AutoCore Generic <version> Transformer (SOME/IP) documentation	AutoCore_Generic_SOMEIPXF_documentation.pdf	Provides ACG<version> Transformer (SOME/IP) product specific release notes user's guide and module references.
EB tresos® AutoCore Generic <version> LDCOM documentation	AutoCore_Generic_LDCOM_documentation.pdf	Provides ACG<version> LDCOM product specific release notes user's guide and module references.
EB tresos® AutoCore Generic <version> SD documentation	AutoCore_Generic_SD_documentation.pdf	Provides ACG<version> SD product specific release notes user's guide and module references.
updated periodically, thus not part of the online help but downloadable	EB_tresos_Autocore_known_problems.pdf	Release-specific known problems (*bugs*). PDF document is updated periodically; the latest version is available for download at https://command.elektrobit.com/command/mod_perl/login.pl. Please refer to the AutoCore generic release notes, chapter `Location of up-to-date known problems` for instructions on how to download the current known problems.

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	Contains release-specific MCAL information and configuration instructions.
<MCAL Module>	<MCAL Module>.pdf	Contains 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
EB tresos® Debug & Trace documentation	6.1_EB_tresos_Debug_and_Trace_documentation.pdf	Provides user's guides for the EB tresos Studio and EB tresos Inspector GUI and background information about the EB tresos AutoCore `Dbg` module with API and parameters descriptions.
EB tresos® Debug & Trace release notes	6.2_EB_tresos_Debug_and_Trace_release_notes.pdf	Provides release-specific information of the EB tresos Debug & Trace, e.g. new fea-

Online help file name	PDF file name	Content description
		tures, how to migrate from a previous module to a current one, limitations and deviations, change log, etc.

Table 2.7. Content of the `EB tresos Debug & Trace` folder

Online help file name	PDF file name	Content description
This file is currently not included in the online help.	7.1_Safety_E2E_Protection_release_notes.pdf	Provides release-specific information of the EB tresos Safety E2E Protection release, e.g. information about compilers, new features, etc.
This file is currently not included in the online help.	7.3_Safety_E2E_Protection_safety_manual.pdf	Provides background information and requirements for the integration and usage of the `E2E Protection` module, API and parameters descriptions.

Table 2.8. 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_<for_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_<for_architecture>.pdf	Provides the necessary information to ensure that the EB tresos Safety OS is used in a safe way in a project.
EB tresos® Safety OS release notes <for architecture> <derivative>	8.3_Safety_OS_release_notes_<for_architecture>_<derivative>.pdf	Provides release-specific information of the EB tresos Safety OS release, e.g. supported compilers, new features, how to migrate the EB tresos Safety OS, deviations, and change log.

Table 2.9. Content of the `EB tresos Safety OS` folder

Online help file name	PDF file name	Content description
EB tresos® Software Composition Editor documentation	9.1_EB_tresos_Software_Composition_Editor_documentation.pdf	Provides a user's guide for the EB tresos Software Composition Editor GUI and background information about the EB tresos Software Composition Editor.
EB tresos® Software Composition Editor release notes	9.2_EB_tresos_Software_Composition_Editor_release_notes.pdf	Provides release-specific information of the EB tresos Software Composition Editor, e.g. new features, how to migrate the EB

Online help file name	PDF file name	Content description
		tresos Software Composition Editor from one release to the other, limitations, deviations, and change log.

Table 2.10. Content of the `EB tresos Software Composition Editor` folder

Online help file name	PDF file name	Content description
EB tresos® System Editor documentation	EB_tresos_System_Editor_documentation_en.pdf	Provides a user's guide for the EB tresos System Editor GUI, background information, application examples and contains the EB tresos System Editor release notes. The EB tresos System Editor release notes provide release-specific information about the EB tresos System Editor, e.g. new features, how to migrate from a previous module to a current one, limitations and deviations, change log, etc.

Table 2.11. Content of the `EB tresos System Editor` folder

Online help file name	PDF file name	Content description
EB tresos® ODX Importer documentation	EB_tresos_ODX_Importer_documentation.pdf	Provides a user's guide for the EB tresos ODX Importer GUI, background information, application examples and contains the EB tresos ODX Importer release notes. The EB tresos ODX Importer release notes provide release-specific information about the EB tresos ODX Importer, e.g. new features, how to migrate from a previous module to a current one, limitations and deviations, change log, etc.

Table 2.12. Content of the `EB tresos ODX Importer` folder

2.2. Naming schema of the online help and the PDF files

The naming schema of the documentation is as follows: `<product_line_name> <product_name> <type_of_documentation>`.

If applicable, the following information is added to the document name: `<architecture>_<derivative>`.

In this naming

► `<product_line_name>` is EB tresos

► `<product_name>` is e.g. AutoCore

► `<type_of_documentation>` is e.g. *documentation*, which contains user manuals and API ; other types can be: release notes, architecture notes, installation guide, new features, safety manual, etc.

Please refer to Section 2.1, "List of all documentation" for a list of all available documents.

3. Finding out what is new in this delivery

The following instructions guide you to documents, which lists new features of your product delivery. Depending on the product package you purchased, you may not need all documents listed in the following.

`$TRESOS_BASE` is the location at which you installed EB tresos Studio on your computer.

3.1. EB tresos Studio

New features of EB tresos Studio are listed in the following documents. Please note that they are currently available as PDF document only (not as Eclipse help).

Location/PDF document name	Description
`$TRESOS_BASE/doc/2.0_EB_tresos_Studio/2.2_Studio_release_notes.pdf`	Contains the change log of EB tresos Studio; the change log includes bug fixes, changes and new features, as well as improvements.
`$TRESOS_BASE/doc/2.0_EB_tresos_Studio/2.3_Studio_new_and_noteworthy.pdf`	Contains short descriptions and examples of the most important new features or changes.

3.2. EB tresos AutoCore OS

New features of EB tresos AutoCore OS are listed in the following documents.

Location/Eclipse help name	Location/PDF document name	Description
`EB tresos AutoCore OS/EB tresos`® `AutoCore OS release notes_<architecture>_<derivative>`	`$TRESOS_BASE/doc/3.0_EB_tresos_AutoCore_OS/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 derivate indicated, e.g. new features.

3.3. EB tresos AutoCore Generic

General release notes for EB tresos AutoCore Generic are available in `AutoCore_Generic_documentation.pdf`. Product specific release notes are available in the product specific documentation. You find all documentation in `$TRESOS_BASE/doc/4.0_EB_tresos_AutoCore_Generic`.

3.4. MCAL modules

The MCAL modules provide information about what is new in them within the modules' respective release notes.

Location in the Eclipse help: `MCAL modules/<MCAL module name> release notes`

Location of the PDF documents: `$TRESOS_BASE/doc/5.0_MCAL_modules/<MCAL module name>_-release_notes.pdf`

3.5. EB tresos Debug & Trace

Location/Eclipse help name	Location/PDF document name	Description
`EB tresos Debug & Trace/EB tresos`® `Debug & Trace release notes`	`$TRESOS_BASE/doc/6.0_-EB_tresos_Debug_and_-Trace/6.2_EB_tresos_De-bug_and_Trace_re-lease_notes.pdf`	Provides release-specific information of the EB tresos Debug & Trace, e.g. information about compilers, new features, how to migrate from a previous module to a current one, etc.

3.6. EB tresos Safety E2E Protection

Location/PDF document name	Description
`$TRESOS_BASE/doc/7.0_EB_tresos_Safe-ty_E2E_Protection/7.1_Safety_E2E_Pro-tection_release_notes.pdf`	Provides release-specific information of the EB tresos Safety E2E Protection, e.g. information about compilers, new features, how to migrate from a previous module to a current one, etc.

3.7. EB tresos Safety OS

Location/PDF document name	Description
`$TRESOS_BASE/doc/8.0_EB_tresos_Safe-ty_OS/8.3_Safety_OS_release_notes_-<for_architecture>_<derivative>.pdf`	Provides release-specific information of the EB tresos Safety OS, e.g. supported compilers, new features, how to migrate the EB tresos Safety OS, deviations, and change log.

3.8. EB tresos Software Composition Editor

Location/eclipse help name	Location/PDF document name	Description
EB tresos® Software Composition Editor	$TRESOS_BASE/doc/9.0_-EB_tresos_Software_Composition_Editor/9.2_EB_-Software_Composition_Editor_release_notes.pdf	Provides a user's guide for the EB tresos Software Composition Editor GUI and background information about the EB tresos Software Composition Editor.

3.9. EB tresos System Editor

Location/eclipse help name	Location/PDF document name	Description
EB tresos® System Editor	$TRESOS_BASE/doc/10.0_-EB_tresos_System_Editor/EB_tresos_System_Editor_documentation_en.pdf	Provides a user's guide for the EB tresos System Editor GUI, background information, application examples and contains the EB tresos System Editor release notes. The EB tresos System Editor release notes provide release-specific information about the EB tresos System Editor, e.g. new features, how to migrate from a previous module to a current one, limitations and deviations, change log, etc.

3.10. EB tresos ODX Importer

Location/eclipse help name	Location/PDF document name	Description
EB tresos® ODX Importer	$TRESOS_BASE/doc/12.0_EB_-tresos_ODX_Importer/EB_-tresos_ODX_Importer_documentation.pdf	Provides a user's guide for the EB tresos ODX Importer GUI, background information, and contains the EB tresos ODX Importer release notes. The EB tresos ODX Importer release notes provide release-specific information about the EB tresos ODX Importer, e.g.

Location/eclipse help name	Location/PDF document name	Description
		new features, how to migrate from a previous module to a current one, limitations and deviations, change log, etc.

4. Accessing the installation instructions

The installation instructions as PDF file are located in the ZIP file you download from the EB command server. The file name is `EB_tresos_installation_guide.pdf`.

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

▶ Online help: Open EB tresos Studio and press the F1 key. In the folder `Installation` you find the EB tresos® installation guide.

▶ PDF: At `$TRESOS_BASE/doc`, with `$TRESOS_BASE` being the directory into which you installed the software. The `EB_tresos_installation_guide.pdf` is located in the folder `Installation`.

5. 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 Adobe PDF files.

5.1. Online help

You can access the online help as follows:

▶ Open EB tresos Studio via the icon on your desktop or click `$TRESOS_BASE/doc/tresos_gui.exe`.

`$TRESOS_BASE` is the directory into which you installed the software.

▶ Press the F1 key

The online help opens.

▶ Alternatively, click on the **Help** menu and select **Help Content F1**.

5.2. PDF files

You can access the PDF files as follows:

▶ Locate the PDF files locally on your host PC at `$TRESOS_BASE/doc`, with `$TRESOS_BASE` being the directory into which you installed the software.

▶ Double-click the PDF file.