



Elektrobit

# MCAL release notes

for WINDOWS WIN32X86

product release 8.8.3



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# 1. Overview of MCAL release notes

Welcome to the MCAL release notes. These release notes are target and derivative-specific.

[Chapter 2, “Compilers supported”](#) provides information about the supported toolchain.

[Chapter 3, “Scope of this release”](#) provides specific information about the hardware-dependent third-party modules contained in this EB tresos AutoCore release:

- ▶ AUTOSAR version and revision of your hardware-dependent modules
- ▶ SWS version and revision
- ▶ Module version
- ▶ Supplier of your hardware-dependent modules

## 1.1. Location of MCAL documentation

Depending on the platform release that you purchased, some of the modules may be supplied to Elektrobit Automotive GmbH by third-parties. All MCAL modules are documented outside of these release notes. This documentation contains additional information about the third-party MCAL modules and the changes that were made by Elektrobit Automotive GmbH.

You can find the MCAL module documentation in the following locations:

- ▶ `$TRESOS_BASE/doc/5.0_MCAL_modules`
- ▶ `$TRESOS_BASE/plugins/<Module name>/doc`
- ▶ In the online help of EB tresos Studio.

For information about the online help in EB tresos Studio, see the EB tresos Studio user documentation.

## 2. Compilers supported

This release of EB tresos AutoCore supports the following compilers:

- GCC Version 6.2.0

### 2.1. Compiler options for GCC 6.2.0

The compiler options summarize under which conditions the module is to be built. The module is tested using these compiler options. If you change the compiler options, consider the module *untested*.

Compiler	Options
GCC Version 6.2.0	<code>-c -std=iso9899:199409 -ffreestanding -Wpedantic -Wall -Wextra -Wdouble-promotion -Wnull-dereference -Wshift-negative-value -Wshift-overflow -Wswitch-default -Wunused-parameter -Wunused-const-variable=2 -Wuninitialized -Wunknown-pragmas -Wstrict-overflow=2 -Wno-unused-local-typedefs -Warray-bounds=1 -Wduplicated-cond -Wtrampolines -Wfloat-equal -Wdeclaration-after-statement -Wundef -Wno-endif-labels -Wshadow -Wbad-function-cast -Wc90-c99-compat -Wc99-c11-compat -Wcast-qual -Wcast-align -Wwrite-strings -Wdate-time -Wjump-misses-init -Wfloat-conversion -Wno-aggressive-loop-optimizations -Wstrict-prototypes -Wmissing-prototypes -Wmissing-declarations -Wredundant-decls -Wnested-externs -Wvla -Wno-long-long -fno-sanitize-recover -fno-ident -g -O3 -fno-strict-aliasing -fsanitize=undefined -fstack-usage -DNOGDI -D_X86_ -D_WIN32X86_ -C_GCC_</code>



# 3. Scope of this release

## 3.1. MCAL version

This platform release contains no MCAL modules.

## 3.2. Third-party MCAL modules

This release includes the hardware-dependent third-party MCAL modules listed in the table below in alphabetical order.

Module name	AUTOSAR version and revision	SWS version and revision	Module version	Supplier
No third-party hardware-dependent modules available				

Table 3.1. Third-party hardware-dependent modules