EB tresos® AutoCore Generic 8 ProjectCodeTemplate documentation

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1. Overview

Welcome to the ProjectCodeTemplate product release notes and documentation.

This document provides:

► Chapter 2, "ProjectCodeTemplate module release notes": details of changes and new features in the current release

► Chapter 3, "ProjectCodeTemplate user's guide": concept information and configuration instructions

► Chapter 4, "ProjectCodeTemplate module references": configuration parameters and the application programming interface

2. ProjectCodeTemplate module release notes

► Module version: 1.0.4.B567464

► Supplier: Elektrobit Automotive GmbH

2.1. Change log

This chapter lists the changes between different versions.

Module version 1.0.4

2020-12-22

► Fixed the documentation bundling in delivery UIP which was missing in previous releases (Version 1.0.3)

Module version 1.0.3

2020-08-24

Module version 1.0.2

2020-03-31

► Fixed class cast exception, which occured due to execution from command line for legacy test cases or legacy generate command.

Module version 1.0.1

2020-02-27

► The Limitations from the initial release have been fixed.

Module version 1.0.0

2020-01-28

► Initial release

2.2. New features

2.3. Elektrobit-specific enhancements

This module is not part of the AUTOSAR specification.

2.4. Deviations

This module is not part of the AUTOSAR specification.

2.5. Limitations

This chapter lists the limitations of the module. Refer to the module references chapter *Integration notes*, subsection *Integration requirements* for requirements on integrating this module.

2.6. Open-source software

Open-source software information is not available for this module.

3. ProjectCodeTemplate user's guide

3.1. Overview

The `ProjectCodeTemplate` module allows the user to register and process *template-based code generator* templates within tresos projects.

3.2. ProjectCodeTemplate unattended wizard interface

`EB tresos Studio` provides support for the template based code generation; see section 7.2 *Template-based code generator API* of `EB tresos Studio`'s developer's guide. Usually, the generator and the code templates must be registered via the generator Eclipse extension-point in the plugin.xml of the corresponding plug-in. This wizard however allows user-specified code template processing from tresos projects.

The execution of `ProjectCodeTemplate` is controlled and done by the corresponding `ProjectCodeTemplate` *unattended wizard* (for further information on *unattended wizards*, see section 7.8.9 *Autoconfiguring routine jobs* of `EB tresos Studio`'s user's guide).See figure [Figure 3.1, "`ProjectCodeTemplate` unattended wizard configuration."](#). The configuration is available via the *unattended wizard* button below `EB tresos Studio`'s menu bar or via the menu at *Project > Unattended wizards > Unattended wizard configuration... > ProjectCodeTemplate*.

After configuration, the wizard can be run via the configuration menu, via the menu, via the *unattended wizard* button below the menu bar, via an *execute multiple tasks unattended wizard* or even from command line. The `ProjectCodeTemplate` *unattended wizard* provides the following user interfaces which take input for code generation.

▶ **Code template path**: A text field where the user can enter a relative or absolute path of the code template(s) using glob wildcards (*, **, ?). If the path is relative, it is relative to the selected tresos project. The path can be a file or a file pattern.

▶ **Output folder path**: A text field where the user can enter a relative or absolute path of the folder where the output of the code generation will be saved. If the path is relative, it is relative to the Default Code Generation path of the selected tresos project. An empty text will be considered as Default Generation Path of the project. The output file name will be same as the input file name.

▶ **Generate Mode**: A dropdown where the user selects the mode of the code generation. There are two types of mode supported in this wizard, i.e., **'generate'** and **'generate_swcd'**. If any of these modes se-

lected other than '**(wizard run only)**' the configuration will be processed during a regular "generate" or "generate_swcd" run of the Studio framework w.r.t. the selection of mode.
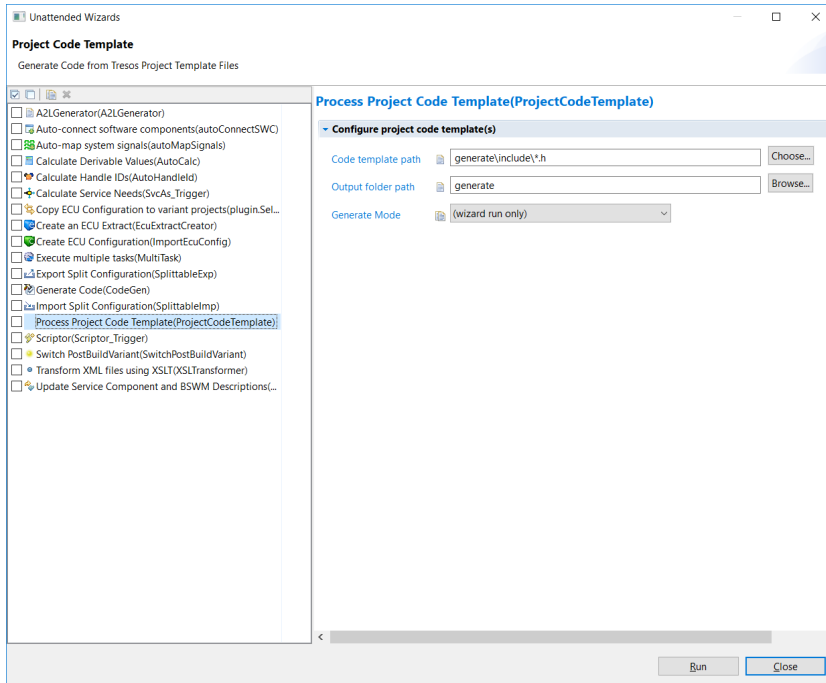

Figure 3.1. `ProjectCodeTemplate` unattended wizard configuration.

4. ProjectCodeTemplate module references

ProjectCodeTemplate configuration parameter reference is not available.

ProjectCodeTemplate API reference is not available.

4.1. Integration notes

4.1.1.1. ProjectCodeTemplate dependencies

Module has no dependencies