

▶ Training: DaVinci Configurator Kit

Agenda

1st Day

Introduction

- > What can I do with DaVinci Configurator Kit?
- > Which files are needed to run DaVinci Configurator Pro?
- > What are Product, Package and DaVinci Configurator Kit licenses?
- > Which DaVinci Description files shall I develop with DaVinci Configurator Kit in order to use the DaVinci Configurator Pro for configuring my software module?
- > Do I need programming knowledge to create them?
- > How do I install DaVinci Configurator Pro?

Configuration Parameters

- > What is an AUTOSAR BSWMD?
- > How do I define the configuration parameters of my software module?
- > What possibilities do I have to specify my configuration parameters more detailed than in AUTOSAR specified?
- > What is the 'result' of the configuration process?
- > What is a board and why do I need a board description?
- > What is a project?

Graphical User Interface

- > What is a Graphical User Interface?
- > How do I create a Graphical User Interface for the AUTOSAR conform configuration of my software module?

2nd Day

Generation Process

- > What files do I have to create to generate my Software module with DaVinci Configurator Pro?
- > How is the DaVinci generation process build up?
- > What happen to manual user extensions on final source code?
- > How do I define Generation Rules for my software module?
- > What are Tags, Conditions and Formulas?
- > How do I reference the configuration parameters of the ECU Configuration description?

Validation Process

- > How do I support the DaVinci Configurator Pro user to make sure that the set of configuration parameters is valid before the generation starts?
- > What files do I need for a given Software Module?
- > What is a validation rule (ValRule)?
- > What is a Variable for validation and generation rules?

3rd Day

Extensions

- > What is the difference between Identifier.xml and BSMWD?
- > How is the dependency between them?
- > Is it possible to use only Identifier.xml or only BSMWD?
- > What is the advantage to use both of them?
- > How do I define Containers for Identifier.xml?
- > How do I define Attributes, Value Limits and ActionLists for the Identifiers?
- > Which DLL can I use?
- > What is a Report and how do I define it?