Release Presentation

P2014-09_AE_CDF_BS_V2-1-0_FVD

ASAM AE CDF V2.1.0

Release Date: 2015 / 06 / 15

Introduction

‣ The focus of the standard is still the data exchange of ECU parameters

‣ The future development was based on compatibility to earlier versions

‣ Main Features

- Support of the features introduced with ASAM AE MCD-2 MC V1.7.0
- BLOB data
- Structures
- MODEL_LINK

Content

- ▸ Deliverables
- ▸ Marketing
- ▸ Main Features
- ▸ Compatibility

Content

- **Deliverables**
- Marketing
- Main Features
- Compatibility

Deliverables

‣ Specification document
- User's Guide & Reference Guide
  - New functionality included
  - Bug fixes included
  - Updated to newest format

‣ A2L example file
- Contains all parameter types needed for CDF

‣ CDF data exchange example file
- Contains all parameter types used in CDF

Content

- ‣ Deliverables
- ‣ **Marketing**
- ‣ Main Features
- ‣ Compatibility

Marketing

‣ The new version can be used without modifying existing tool chains

‣ The data objects introduced with ASAP2 V1.7 are supported

‣ The MODEL_LINK allows to transfer parameter values back to the model

‣ Multi-dimensional map support: CUBOID, CUBE_4 and CUBE_5

‣ Support of FMI parameter naming

Content

- ‣ Deliverables
- ‣ Marketing
- ‣ **Main Features**
- ‣ Compatibility

What's New?
CATEGORY CDF21

‣ New category CDF21 for the root tag MSRSW

‣ CDF21 replaces CDF20 and indicates that the CDF file may contain new objects

What's New?
SW-INSTANCE for Data Type BLOB

‣ New category for BLOB

‣ BLOB instances uses implementation values instead of physical values

‣ The implementation values are notated in a compact hexadecimal notation

What's New?
SW-INSTANCE for Data Type multi dimensional Maps

‣ New category for CUBOID, CUBE_4, CUBE_5

What's New?
SW-INSTANCE for Data Type Structure

‣ The already existing category STRUCTURE is used for the new ASAP2 structures

‣ Structures can be marked with an attribute CONSISTENT_EXCHANGE to ensure that always the complete structure is used

What's New?
Long Name for Function

‣ The SW-CS-COLLECTION supports now DESC

‣ DESC can be used for the ASAP2 Long Name of the ASAP2 function

What's New?
SW-MODEL-LINK

‣ The model reference stored in the ASAP2 keyword MODEL_LINK can transferred in the tag SW-MODEL-LINK

‣ This allows to transfer the values of the parameters back to the model world

Content

- ‣ Deliverables
- ‣ Marketing
- ‣ Main Features
- ‣ **Compatibility**

Compatibility

‣ Downward compatible to earlier CDF versions

- Fully compatible to the predecessor CDF V2.0
- All former tags are supported
- Only extension by new tags or new categories