



Release Presentation

ASAM AE MCD-2 NET FIBEX 4.1.1

Data Model for ECU Network Systems

Field Bus Data Exchange Format

2014 / 09 / 30

Deliverables

- ▶ New Base Standard FIBEX_V4_1_1.pdf
- ▶ XML schema and example files
- ▶ HTML documentation
- ▶ Baseline
- ▶ Release notes

Introduction

- ▶ Bug fixes.
- ▶ HDO harmonization.
- ▶ AUTOSAR harmonization.
- ▶ Clarifications in specification.
- ▶ Description of unspecified Schema elements.

What's New?

Changes from FIBEX 4.1.0 to 4.1.1

▶ Bug fixes

- Reintroduction of deleted FlexRay wake-up parameters (fibex4flexray.xsd).
- Call-semantic description (fibex4service.xsd)

▶ HDO and AUTOSAR harmonization

- Value range of internal and physical constraints (harmonizedObjects.xsd)
- Bitfield description (harmonizedObjects.xsd)
- Element REPEATING-TIME-RANGE added to TIMING elements according to AUTOSAR (fibex.xsd)

▶ Specification description extension

- Multiplexed-PDU triggering
- Coded-type

Compatibility

▶ FIBEX

- The changes are compatible with FIBEX 4.1.0.
- The FlexRay schema is now compatible with FIBEX 3.1.0.

▶ AUTOSAR

- Compatible to AUTOSAR 4.1.

▶ HDO (Harmonized Data Objects)

- Compatible to HDO 1.1.