

Release Presentation

ASAM AE OTX OTX-Extensions / P2014-11

OTX Generally-Applicable-OTX-Extensions

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Deliverables

- ▶ New extensions for the proposed enhancements
- ▶ EA model (UML)
- ▶ XSD schemas generated from the EA model
- ▶ Extensions Specification
- ▶ Document with explanations of clarifications and gap removals

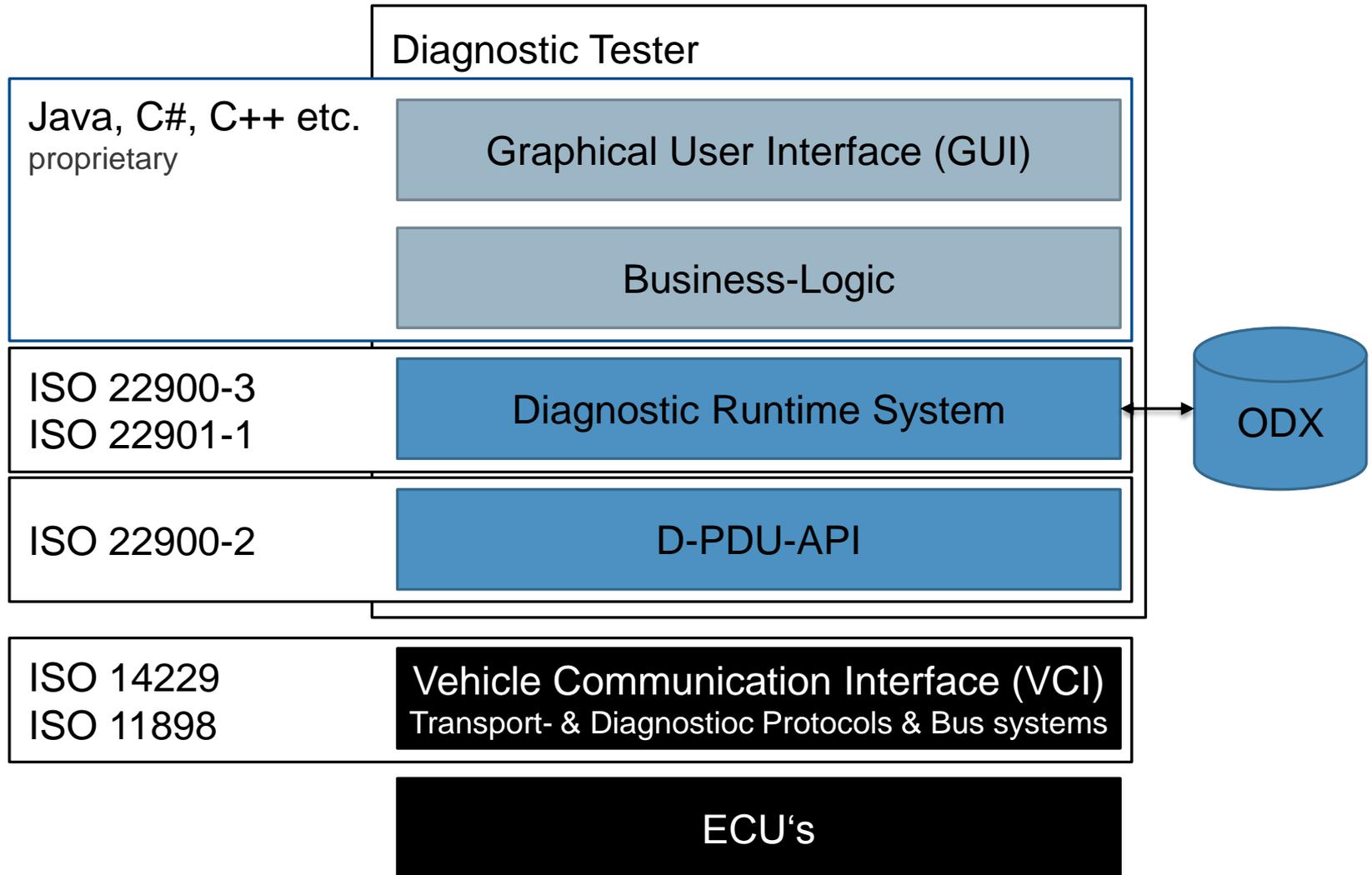
Introduction

What is OTX?

- ▶ **Open Test sequence eXchange** published 08/2012 by ISO 13209
- ▶ Platform and tester independent exchange format for formal description of executable test sequences
- ▶ Goal: Creation, exchanging, archiving and execution of verified test sequences
- ▶ OTX is the logical and consistent development of standardization in the vehicle diagnosis

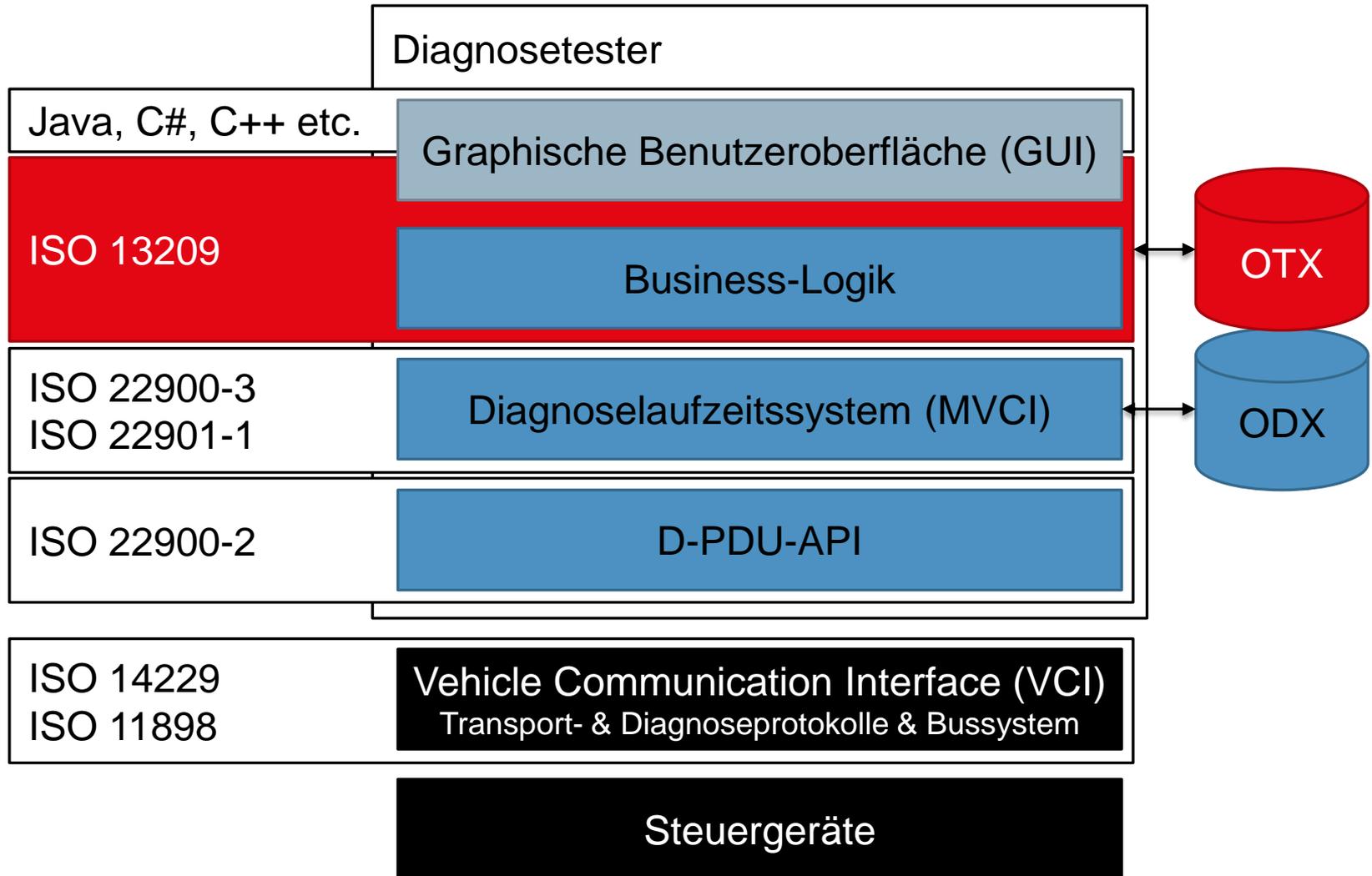
Introduction

OTX



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OTX



Introduction

OTX Conclusion

- ▶ Standard for the reliable storage of test knowledge
- ▶ OTX may bring together various previously separate standards
- ▶ OTX will become prevalent
- ▶ First productive applications have proved the high potential
- ▶ Without OTX no integrated MCD Toolset

Introduction

Main project goals

- ▶ Development of urgently needed and generally usable OTX Extensions
 - File
 - Xml
 - Persistence *
 - BlackBox *
 - DataTypes *
 - EventPlus *
 - Util *
- ▶ Closing known gaps and limitations in OTX
- ▶ No schema changes of ISO 13209

* optional, if enough time and resources available

What's New?

▶ New OTX Extensions

- Persistence
- Xml
- File
- BlackBox
- DataTypes
- EventPlus

▶ Document with gaps, limitations and errors in ISO 13209

- 17 Gaps
- 9 cases of insufficient or incorrect specification
- 3 cases of non-expected behaviour
- No errors in the schema!

Compatibility

Relation with other ASAM standards

▶ CPX

- OTX **C**alibration **P**rocess **eX**change Format
- P2014-03 ASAM AE CPX

▶ CRSX

- OTX **C**alibration **R**ule and product (**S**ystem) model **eX**change Format (former CERP)
- P2014-02 ASAM AE MCD-2 CERP

Relation to ISO

- ▶ Results are ISO 13209 compliant
- ▶ Together with results of subsequent project (P2015-04) the result of this project shall be transferred to ISO 13209