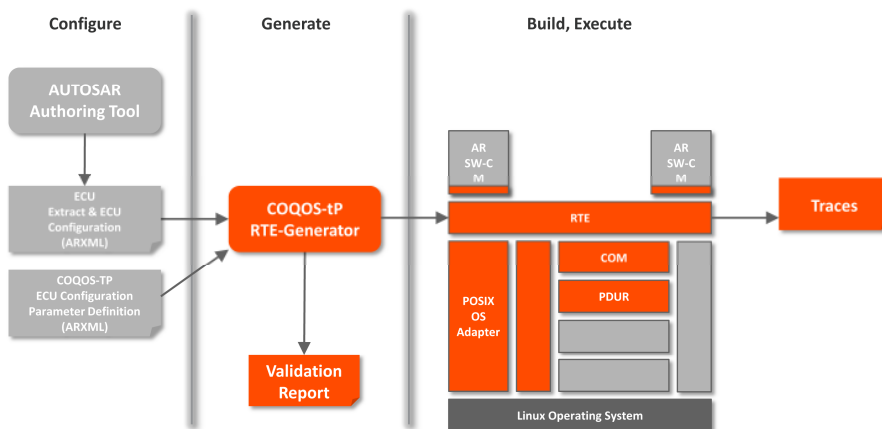




COQOS

COQOS-tP makes it possible to implement, run and test AUTOSAR Software-Components directly on Linux or other POSIX Operating Systems. COQOS-tP consists of an AUTOSAR RTE-generator, which provides all AUTOSAR interfaces to the Software-Components and the Basic-Software. Instead of using the AUTOSAR-OS, COQOS-tP automatically generates an adaptation layer to a Linux operating system. In this manner COQOS allows the use of a uniform tool chain in the predevelopment and series development. Furthermore applications from the predevelopment can be transformed 1:1 in the series development. COQOS-tP comes with AUTOSAR BSW (COQOS-eCOM and COQOS-ePDUR) and can be used with the verification system COQOS-tC.



- Supported target-platform: Linux Ubuntu x86 9.10 with GCC 4.x²
- Optional integration with COQOS-eCOM: AUTOSAR 3.1 COM (configuration-variant pre-compile)
- Optional integration with COQOS-ePDUR: AUTOSAR 3.1 PduR (configuration-variant pre-compile)

¹ Detailed compliance sheet delivered with product

² Porting to other POSIX operating systems or target hardware is easily possible

Use-Case

COQOS-tP makes it easy to run AUTOSAR Software-Components directly on a Linux car-PC while maintaining full compatibility to AUTOSAR. Using COQOS-eCOM and COQOS-ePDU, it is possible to hook up the PC to automotive busses such as CAN.

Features

- Compatible with AUTOSAR 3.1¹
- Support of Linux or other operating systems
- Configuration through AUTOSAR 3.1 ARXML
- Generated RTE can generate traces compatible with COQOS-tC
- shipped with simple ARXML authoring tool
- Generator validates all input and reports inconsistencies
- Generator is command-line tool easily integrated with existing build-systems
- Generator based on Eclipse and ARTOP
- Automatic generation of make-files to facilitate build
- Product examples provided
- Supported tool-platform: Linux Ubuntu x86 9.10

Contact

OpenSynergy GmbH
Stefaan Sonck Thiebaut
Rotherstraße 9
D – 10245 Berlin
Germany

Phone: +49 (0)30 - 2018 1835 – 00
Fax: +49 (0)30 - 2018 1835 – 02
E-mail: info@opensynergy.com
Web: www.opensynergy.com