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A REAL ENABLER

The AUTOSAR partnership is committed to support the fast growing exploitation of AUTOSAR architecture and methodology in series. This requires sustaining a long term scope of the active major release (4.x). Therefore, the goals for the AUTOSAR development in the mid and long term are the following:

- : ensure stabilisation of active release: close gaps in existing functionality; reduce variety and aim at potential consolidation of features
- : continue with further improvements to the quality of AUTOSAR specifications
- : ensure backward compatibility
- : refine methodology and improve usability for series
- : drive further development by clear market needs.

With a more stringent release and versioning concept, AUTOSAR revisions will introduce bug fixes and quality improvements only, no extensions. The goal is to enable series projects to always rely on the utilisation of latest revision. Release 3.2 is in maintenance only mode: Further quality improvements will be brought by the next revision 3.2.3 (planned for February 2014). Release 4.1.1 will be followed by the revisions 4.1.2 and 4.1.3, which have been planned for publication in October 2013 and March 2014, respectively.

Since 2013, in its new work-mode, the partnership is continuously evaluating and developing new concepts for enhancing

the standard. Technology drivers such as functional safety, Ethernet-TCP/IP communication, multi-core, security and new diagnostics regulations as well as support to specific regional market needs will continue in focus of the development for the next years. To sustain partners' investments in previous 4.x releases, new backward-compatible features and extensions will be introduced through minor releases.

Planned for October 2014, the next minor release 4.2 will incorporate new concepts already required by AUTOSAR partners. After the final validation phase ending in March 2014, active concepts will be submitted for approval process. The decision for incorporation to release 4.2 depends on each concept's maturity and quality proven by validation results. As in release 4.1, only backward-compatible concepts and extensions can be introduced with release 4.2.

The AUTOSAR Partnership started in 2003 with the objective to establish an open industry standard for automotive software architecture. This partnership strengthened in the last ten years, growing also as a development community and collaboration platform for more than 100 manufacturers and suppliers worldwide. Meanwhile, AUTOSAR has become a global standard. Proven by its utilisation in numerous series developments, AUTOSAR has become a real enabler for mastering the growing complexity in integrated electric/electronic architectures.