

Data Management in AUTOSAR: a Tool Suite Extension Approach ¹

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Abstract

AUTOSAR has been introduced as a remedy for the increasing complexity and rising costs within automotive systems development. However, AUTOSAR does not provide sufficient support for the increased complexity with respect to data management. Database proxies have been presented as a promising solution to provide software component technologies with the capabilities of a state-of-the-art real-time database management system. In this paper, we show how a tool for database proxies can be implemented into an industrial AUTOSAR environment.