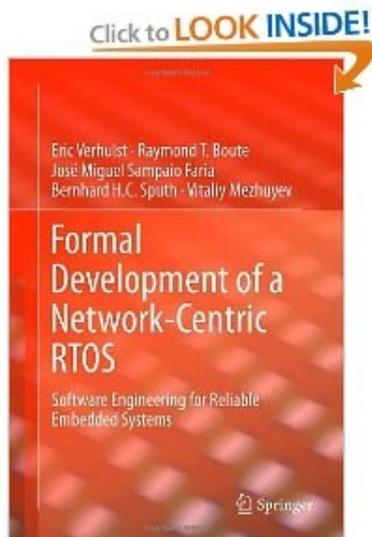


TECHINNOV 2013

Unique Open Technology Licensing offer from Altreonic for Certifiable Trustworthy Software and Systems Engineering

Altreonic offers advanced embedded systems technology under a risk-free Open Technology License. The licensee receives all supporting design documents, formal models, source code, test suites, etc. and the right to rebrand the software whereby all certification and business risks are seriously reduced. Free yourself from legacy COTS and open source limitations. Two technologies are offered: the formally developed, network-centric OpenComRTOS Designer and the internet based GoedelWorks portal for supporting certifiable engineering projects.

Altreonic offre des technologies avancées pour systèmes embarqués sous une Licence de Technologie Ouverte sans risque. Le licencié reçoit tous les documents d'appui, les modèles formels, code source, des suites de tests, et le droit de renommer le logiciel. Tous les risques de certification et commerciaux sont sérieusement réduits. Libérez-vous des limites du COTS et source libre. Deux technologies sont proposées: OpenComRTOS Designer, un OS temps réel distribué, formellement développé et le portail GoedelWorks pour soutenir des projets d'ingénierie certifiables.



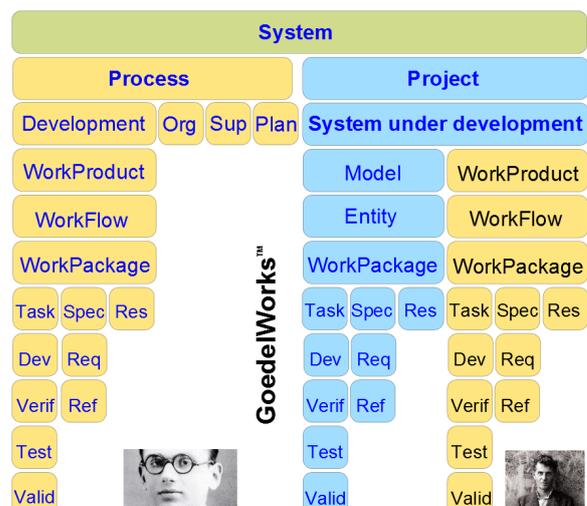
OpenComRTOS breaks new grounds in the field of Real-Time Operating Systems. To enable safety critical and high reliability applications, it was from the ground up developed using formal modeling. Conceptually a scalable communication layer to support heterogeneous multi-processor systems, it runs equally well on a single processor. It supports small microcontrollers, many-core chips with little memory as well widely distributed systems. Unique support for distributed priority inheritance.

- Scalable, yet only requiring about 5 KB/node.
- Project description available in our book with Springer.
- Further developed in the Artemis Crafters project.
- A big resource and time saver for management, a joy to use for developers

GoedelWorks reflects our global “Trustworthy Forever” approach, covering from early requirements capturing till the hardware. Based on a formalised and clean meta-model, it allows to describe any (engineering) process and support users executing it. Out-of-the-box support for ASIL centered IEC 61508, ISO DIS 26262, ISO 13849, ISO DIS 25119, ISO 15998 and IEC 62061, CMMI and automotive SPICE process flow. Integrating customer specific process flows for pre-certification support during the development of the system.

Partly developed in ITEA EVOLVE and FP7 OPENCOS.

Implements the core concepts of any engineering standard: full traceability and configuration management.



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From Deep Space to Deep Sea



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