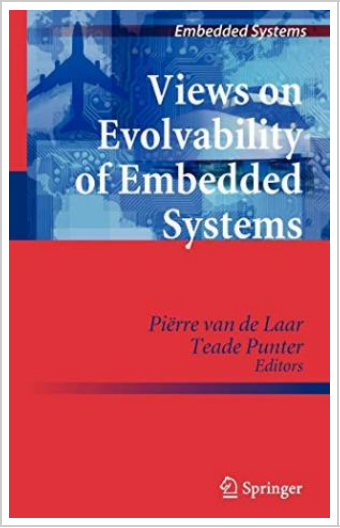

Views on Evolvability of Embedded Systems (Hardback)

By -

Springer, Netherlands, 2010. Hardback. Condition: New. 2011 ed. Language: English. Brand new Book. Evolvability, the ability to respond effectively to change, represents a major challenge to today's high-end embedded systems, such as those developed in the medical domain by Philips Healthcare. These systems are typically developed by multi-disciplinary teams, located around the world, and are in constant need of upgrading to provide new advanced features, to deal with obsolescence, and to exploit emerging enabling technologies. Despite the importance of evolvability for these types of systems, the field has received scant attention from the scientific and engineering communities.Views on Evolvability of Embedded Systems focuses on the topic of evolvability of embedded systems from an applied scientific perspective. In particular, the book describes results from the Darwin project that researched evolvability in the context of Magnetic Resonance Imaging (MRI) systems. This project applied the Industry-as-Laboratory paradigm, in which industry and academia join forces to ensure continuous knowledge and technology transfer during the project's lifetime. The Darwin project was a collaboration between the Embedded Systems Institute, the MRI business unit of Philips Healthcare, Philips Research, and five Dutch universities.Evolvability was addressed from a system engineering perspective by a number of researchers from different...

Reviews

It in a of the best publication. It really is rally intriguing throgh reading through period of time. You will not feel monotony at anytime of your own time (that's what catalogs are for relating to in the event you request me).

-- ***Dr. Pat Hegmann***

It in one of my favorite publication. It is among the most awesome publication i have go through. I am just quickly will get a delight of reading through a published publication.

-- ***Prof. Martin Zboncak DVM***