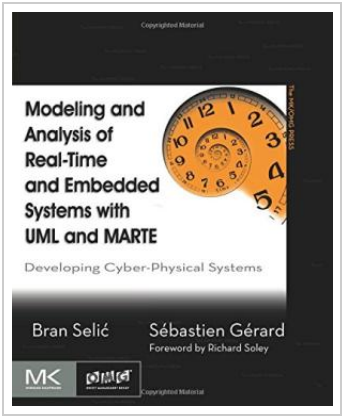

Modeling and Analysis of Real-Time and Embedded Systems with UML and MARTE: Developing Cyber-Physical Systems (Paperback)

By Bran Selic, Sebastien Gerard

ELSEVIER SCIENCE TECHNOLOGY, United States, 2014. Paperback. Condition: New. Language: English . Brand New Book. Modeling and Analysis of Real-Time and Embedded Systems with UML and MARTE explains how to apply the complex MARTE standard in practical situations. This approachable reference provides a handy user guide, illustrating with numerous examples how you can use MARTE to design and develop real-time and embedded systems and software. Expert co-authors Bran Selic and Sebastien Gerard lead the team that drafted and maintain the standard and give you the tools you need apply MARTE to overcome the limitations of cyber-physical systems. The functional sophistication required of modern cyber-physical systems has reached a point where traditional code-centric development methods are proving less and less capable of delivering a reliable product in a timely manner. In Modeling and Analysis of Real-Time and Embedded Systems with UML and MARTE, you will learn how to take advantage of modern model-based engineering methods and corresponding industry standards to overcome these limitations. These methods take full advantage of computer-supported automation allowing timely detection of design flaws to reduce engineering risk, leading thereby to better overall product quality and greater productivity.

Reviews

This pdf is very gripping and fascinating. We have read and that i am certain that i am going to going to read once more again in the future. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- ***Burnice Cronin***

A must buy book if you need to adding benefit. It can be rally intriguing throgh reading time period. I am easily could get a pleasure of looking at a composed book.

-- ***Dr. Julius Goodwin DDS***