



Reliable Software Technologies - Ada-Europe 2009

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Condition: New. Publisher/Verlag: Springer, Berlin | 14th Ada-Europe International Conference, Brest, France, June 8-12, 2009, Proceedings | This book constitutes the proceedings of the 14th Ada-Europe International Conference on Reliable Software Technologies, Ada-Europe 2009, held in Brest, France, on June 8-12, 2009. The 19 papers presented were carefully reviewed and selected from numerous submissions. Topics of interest to the conference are methods and techniques for software development and maintenance; software architecture; enabling technology; software quality; theory and practice of high-integrity systems; embedded systems; mainstream and emerging applications; ada language and technology; ada and education. \mid Requirements on the Target Programming Language for High-Integrity MDE.- A Restricted Middleware Profile for High-Integrity Distributed Real-Time Systems.- Validating Safety and Security Requirements for Partitioned Architectures.- On Comparing Testing Criteria for Logical Decisions.- Model Checking Techniques for Test Generation from Business Process Models.- An Experience on Ada Programming Using On-Line Judging.- Weak Fairness Semantic Drawbacks in Java Multithreading.-Implementation of the Ada 2005 Task Dispatching Model in MaRTE OS and GNAT.- Combining EDF and FP Scheduling: Analysis and Implementation in Ada 2005.- Predicated Worst-Case Execution-Time Analysis.- Implementing Reactive Systems with UML State Machines and Ada 2005.- Modelling and Evaluating Real-Time Software Architectures.- A Formal Foundation...



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