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	Autore	Procopius : Caesariensis
	Titolo	1: De bellis libri 1.-4
	Pubbl/distr/stampa	Lipsiae : in aedibus B.G.Teubneri, 1963
	Edizione	[Ed. stereotypa, addenda et corrigenda adiecit Gerhard Wirth]
	Descrizione fisica	LXXXVII, 572 p. ; 21 cm
	Lingua di pubblicazione	Greco antico Latino
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
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	Titolo	Runtime Verification 9th International Workshop, RV 2009, Grenoble, France, June 26-28, 2009 ; Selected papers // Saddek Bensalem, Doron A. Peled (eds.)
	Pubbl/distr/stampa	Berlin ; ; New York, NY, : Springer-Verlag, c2009
	ISBN	3-642-04694-0
	Edizione	[1st ed. 2009.]
	Descrizione fisica	1 online resource (VII, 203 p.)
	Collana	Lecture notes in computer science ; ; 5779
	Classificazione	DAT 263f DAT 325f SS 4800
	Altri autori (Persone)	BensalemSaddeck PeledDoron A
	Disciplina	005.1/17
	Soggetti	Computer software - Verification Software engineering
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Rule Systems for Runtime Verification: A Short Tutorial -- Verification, Testing and Statistics -- Type-Separated Bytecode -- Its Construction

and Evaluation -- Runtime Verification of Safety-Progress Properties -- Monitor Circuits for LTL with Bounded and Unbounded Future -- State Joining and Splitting for the Symbolic Execution of Binaries -- The LIME Interface Specification Language and Runtime Monitoring Tool -- A Concurrency Testing Tool and Its Plug-Ins for Dynamic Analysis and Runtime Healing -- Bridging the Gap between Algebraic Specification and Object-Oriented Generic Programming -- Runtime Verification of C Memory Safety -- A Combined On-Line/Off-Line Framework for Black-Box Fault Diagnosis -- Hardware Supported Flexible Monitoring: Early Results -- DMaC: Distributed Monitoring and Checking.

Sommario/riassunto

The RV series of workshops brings together researchers from academia and industry that are interested in runtime verification. The goal of the RV workshops is to study the ability to apply lightweight formal verification during the execution of programs. This approach complements the online use of formal methods, which often use large resources. Runtime verification methods and tools include the instrumentation of code with pieces of software that can help to test and monitor it online and detect, and sometimes prevent, potential faults. RV 2009 was held during June 26-28 in Grenoble, adjacent to CAV 2009. The program included 11 accepted papers. Two invited talks were given by Amir Pnueli, on

Compositional Approach to Monitoring Linear Temporal Logic Properties" and Sriram Rajamani on "Verification, Testing and Statistics." The program also included three tutorials. We would like to thank the members of the Program Committee and additional referees for the reviewing and participation in the discussions.
