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Titolo	Webservices [[electronic resource] ] : Theory and Practice // edited by Hrushikesh Mohanty, Prasant Kumar Pattnaik
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ISBN	981-13-3224-X
Descrizione fisica	1 online resource (xv, 196 pages)
Disciplina	006.76
Soggetti	Telecommunication Computer programming Communications Engineering, Networks Information Systems Applications (incl. Internet) Web Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Service Modelling and Verification: A Formal Approach -- Webservice Specification and Discovery -- Non-functional Properties of a Webservice -- Service Composition -- Handling Faults in Composite Webservices -- Webservice Security -- Webservice Development Life Cycle.
Sommario/riassunto	This book focuses on web service specification, search, composition, validation, resiliency, security and engineering, and discusses various service specification standards like WSDL, SAWSDL, WSMO and OWLS. The theory and associated algorithms for service specification verification are detailed using formal models like Petrinet, FSM and UML. The book also explores various approaches proposed for web service search and composition, highlighting input/output, parameter-based search, and selection of services based on both functional and non-functional parameters. In turn, it examines various types of composite web services and presents an overview of popular fault handling strategies for each of these types. Lastly, it discusses the standards used for implementing web service security on the basis of a case study, and introduces the Web Service Development Life Cycle (WSDLC), which defines co-operation between several industry partners

to develop web services in a more structured way. .

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