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Autore	Paik Hye-young
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Soggetti	Application software Management information systems Industrial management Software engineering Information Systems Applications (incl. Internet) Business Process Management Software Engineering Enterprise Architecture
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1 Introduction to Service Oriented Architecture -- 2 Web Services - SOAP and WSDL -- 3 Web Services - REST or Restful Services -- 4 Web Services - Data Services -- 5 Web Service Composition: Overview -- 6 Web Service Composition: Control Flows -- 7 Web Service Composition: Data Flows -- 8 Service Component Architecture (SCA) -- 9 Conclusion -- References -- Index.
Sommario/riassunto	This book embarks on a mission to dissect, unravel and demystify the concepts of Web services, including their implementation and composition techniques. It provides a comprehensive perspective on the fundamentals of implementation standards and strategies for Web services (in the first half of the book), while also presenting composition techniques for leveraging existing services to create larger ones (in the second half). Pursuing a unique approach, it begins with a sound overview of concepts, followed by a targeted technical

discussion that is in turn linked to practical exercises for hands-on learning. For each chapter, practical exercises are available on Github. Mainly intended as a comprehensive textbook on the implementation and composition of Web services, it also offers a useful reference guide for academics and practitioners. Lecturers will find this book useful for a variety of courses, from undergraduate courses on the foundational technology of Web services through graduate courses on complex Web service composition. Students and researchers entering the field will benefit from the combination of a broad technical overview with practical self-guided exercises. Lastly, professionals will gain a well-informed grasp of how to synthesize the concepts of conventional and “newer” breeds of Web services, which they can use to revise foundational concepts or for practical implementation tasks.

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