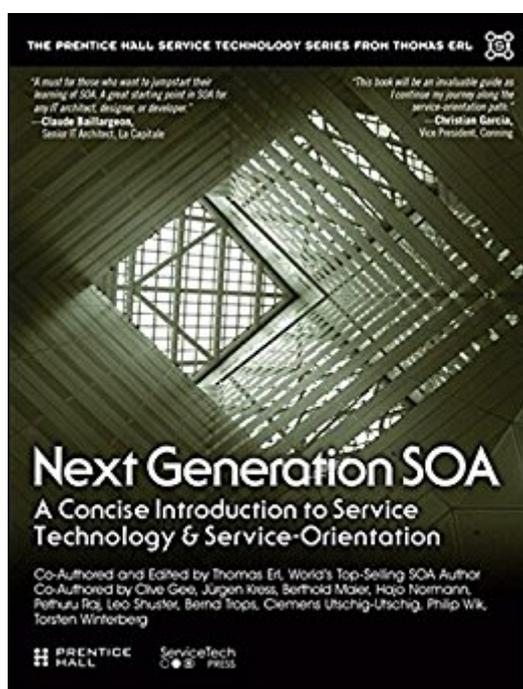# Next Generation SOA: A Concise Introduction To Service Technology & Service-Orientation (The Prentice Hall Service Technology Series From Thomas Erl)

Synopsis

The Concise Introduction to Modern SOA: High-Value Approaches, Innovative Technologies, Proven Use Cases   After a decade of innovation in technology and practice, SOA is now a mainstream computing discipline, capable of transforming IT enterprises and optimizing business automation. In Next Generation SOA, top-selling SOA author Thomas Erl and a team of experts present a plain-English tour of SOA, service-orientation, and the key service technologies being used to build sophisticated contemporary service-oriented solutions. Â The starting point for todayâ ™s IT professionals, this concise guide distills the increasingly growing and diverse field of service-oriented architecture and the real-world practice of building powerful service-driven systems. Accessible and jargon-free, this book intentionally avoids technical details to provide easy-to-understand, introductory coverage of the following topics: Services, service-orientation, and service-oriented computing: what they are and how they have evolved How SOA and service-orientation change businesses and transform IT culture, priorities, and technology decisions How services are defined and composed to solve a wide spectrum of business problems Deep implications of the service-orientation paradigm--illuminated through an annotation of the classic SOA Manifesto Traditional and contemporary service technologies and architectures How clouds and virtualization support the scalability and reliability of services-based solutions SOA-based industry models, from enterprise service to global trader A detailed case study: how real enterprises bring together contemporary SOA practices, models, and technologies   Next Generation SOA will be indispensable to wide audiences of business decision makers and technologists--including architects, developers, managers, executives, strategists, consultants, and researchers.

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Customer Reviews

This book sets out to provide a concise overview of the current state of, and best practices for, Service Oriented Architecture. While it may achieve that for some managerial readers, it is simultaneously too general for those with more background, and may be too terse for those with less technical understanding.The authors and editors have clearly set themselves the admirable aim of producing a short and concise overview of the field. Unfortunately in the quest for brevity they have ended up with a terse, dry and dense writing style which is very difficult to read. At times it feels almost like a game of "buzzword bingo". I frequently had to re-read sentences several times to understand the authors' intended relationships between the elements, and I'm a very experienced integration architect.At the same time, for a book on architecture there are very few explanatory diagrams, wordy descriptions being used instead. To add insult to injury a few low-value diagrams such as one depicting the cycle of interaction between business and IT change drivers are used repeatedly, when once would be enough.The first chapter provide a overview of service orientation and its key principles, characteristics, goals and organisational implications. This is followed by a chapter on service definition and composition. Ironically this part of the book is is quite repetitive, but manages to omit some key concepts. There's no real concrete explanation of what a service is or does â " maybe that's taken as read, but a formal definition and some examples would go a long way. Likewise there's nothing at this point on basic concepts such as service contracts and self-description, synchronous vs asynchronous operation or security.

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