



Service-Oriented Modeling (SOA): Service Analysis, Design, and Architecture

By Michael Bell



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Answers to your most pressing SOA development questions

How do we start with service modeling? How do we analyze services for better reusability? Who should be involved? How do we create the best architecture model for our organization? This must-read for all enterprise leaders gives you all the answers and tools needed to develop a sound service-oriented architecture in your organization.

Praise for Service-Oriented Modeling

Service Analysis, Design, and Architecture

"Michael Bell has done it again with a book that will be remembered as a key facilitator of the global shift to Service-Oriented Architecture. . . . With this book, Michael Bell provides that foundation and more—an essential bible for the next generation of enterprise IT."

-Eric Pulier, Executive Chairman, SOA Software

"Michael Bell's insightful book provides common language and techniques for business and technology organizations to take advantage of the SOA paradigm. By focusing modeling techniques on the business problem, Bell provides a way for professionals to work throughout the life cycle to create reusable and enduring services."

-Mike Zbranak, CIO, Chase Card Services

"This book will become an imperative business and technology service-oriented modeling recipe for any manager, architect, modeler, analyst, and developer in today's software development industry."

-Jeff Schneider, CEO, MomentumSI

"'Innovative' and 'groundbreaking' are words that best describe Michael Bell's Service-Oriented Modeling. It depicts a true service modeling approach that elegantly closes a clear and critical service modeling gap in the SOA industry.

This holistic book ties these concepts together using real-world examples across a service life cycle that transitions services from ideas and concepts into production assets that deliver business value. A must-read for business and technical SOA practitioners."

-Eric A. Marks, CEO, AgilePath Corporation

"As hot as SOA is today, many business and technology professionals still find it challenging to mind the gap between their disparate methodologies and objectives. Herein Michael Bell speaks clearly to both camps in straightforward language, outlining disciplines each can use to communicate effectively and advance the realization of corporate aims. This book is a bible for all who seek to drive business/technology into the future."

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"This book takes senior IT architects and systems designers into the depths of modeling for SOA, with a fresh new perspective on tools, terminology, and how to turn the theory into practice. His full life-cycle approach balances process, control, and accountability to align all the participants in the delivery pipeline-clearing the road for successful SOA business solutions."

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Editorial Review

From the Inside Flap

Service-Oriented Modeling Service Analysis, Design, and Architecture

Service-oriented architecture (SOA) is the hottest topic in the IT arena. Providing a comprehensive plan to interrelate business with technology, SOA combines the talents and skills of an entire organization, with its requisite needs and computing know-how. Presenting the necessary tools—processes, best practices, and standards—for developing a sound SOA, Service-Oriented Modeling: Service Analysis, Design, and Architecture introduces a service-oriented modeling framework that employs an agile and universal business and technology language to facilitate analysis, design, and architecture initiatives.

Focusing on a general service and development life-cycle model, the service-oriented modeling disciplines presented here will enable you to not only integrate your existing legacy applications, but also to incorporate new ideas and concepts to address organizational concerns. These proposed best practices can be applied to all technologies, software platforms, and languages despite their physical location or ownership. As a bonus, business and IT professionals—including managers, business analysts, business architects, technical architects, team leaders, and developers—can now share the burden of software development initiatives as they are commissioned to bear equal responsibility and accountability throughout their organizations.

Based on author Michael Bell's twenty years of experience in the software, modeling, and architecture trenches for such high-volume clients as JPMorgan, Chase, and American Express, Service-Oriented Modeling introduces a state-of-the-art and holistic modeling language that can facilitate an SOA implementation as well as advanced service life-cycle concepts and processes that can be employed to manage service-oriented projects. The book enables business and IT personnel to equally partner in service-oriented modeling efforts and to represent their unique perspectives.

Offering easy-to-understand modeling language and notation that are simple to use, the book provides answers to the most common questions that face enterprise leaders concerning service-oriented architecture development life-cycle initiatives. The book deftly explores:

- How to establish and implement a service-oriented modeling language
- The service life-cycle model and its various building blocks
- The management of service-oriented modeling disciplines
- Service-oriented conceptualization process
- A step-by-step, easy-to-employ concept discovery process
- Service-oriented discovery and analysis mechanisms
- Service-oriented design strategies, service relationships, logical compositions of services, and service behavior analysis
- Fundamental aspects of service-oriented software architecture, including conceptual and logical architecture modeling disciplines

With the information gleaned from Service-Oriented Modeling, you will obtain a comprehensive service modeling knowledge base and reference; service modeling tools that can increase efficiency and productivity in the workplace; defined goals, milestones, and service modeling activities; and defined roles and responsibilities to get you started with SOA, ASAP.

From the Back Cover

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About the Author

Michael Bell is the founder of Methodologies Corporation (ModelingConcepts.com), a service-oriented

architecture-modeling firm. He is a software, modeling, and architecture strategist veteran with twenty-two years of experience designing, architecting, and building high-volume, real-time trading systems for Wall Street brokerage institutions, investment banking, credit card, and insurance firms, such as JPMorgan, Chase, Citibank, American Express, and UBS PaineWebber.

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Arthur Poulsen:

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Sheila Collins:

In this age globalization it is important to someone to acquire information. The information will make you to definitely understand the condition of the world. The health of the world makes the information much easier to share. You can find a lot of sources to get information example: internet, magazine, book, and soon. You

will observe that now, a lot of publisher this print many kinds of book. The particular book that recommended for you is Service-Oriented Modeling (SOA): Service Analysis, Design, and Architecture this reserve consist a lot of the information in the condition of this world now. That book was represented so why is the world has grown up. The vocabulary styles that writer use for explain it is easy to understand. The particular writer made some study when he makes this book. This is why this book acceptable all of you.

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