Service-Oriented Modeling

Service Analysis, Design, and Architecture

Michael Bell

John Wiley & Sons, Inc.

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Published by John Wiley & Sons, Inc., Hoboken, New Jersey.

Published simultaneously in Canada.

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Library of Congress Cataloging-in-Publication Data:

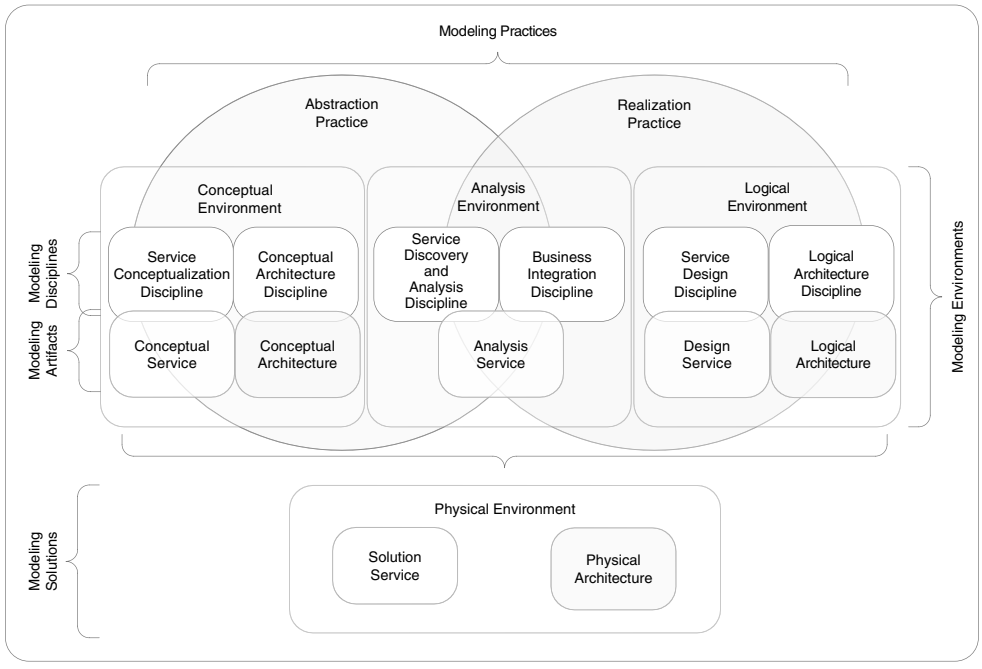
Bell, Michael, 1951—
Service-oriented modeling : service analysis, design, and architecture / Michael Bell.
p. cm.
Includes index.
ISBN 978-0-470-14111-3 (cloth)
1. Business enterprises—Computer networks—Management. 2. System design. 3. Computer software—Development. 4. Computer simulation. 5. Computer network architectures. I. Title.
HD30.37.B45 2008
004.068—dc22

2007033463

Printed in the United States of America.

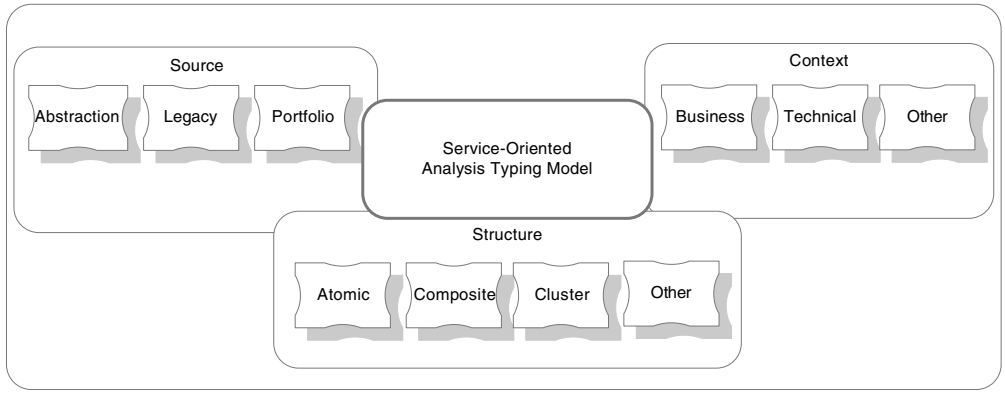
10 9 8 7 6 5 4 3 2 1

For Yvonne, whose love, patience, and support carried me through this project.



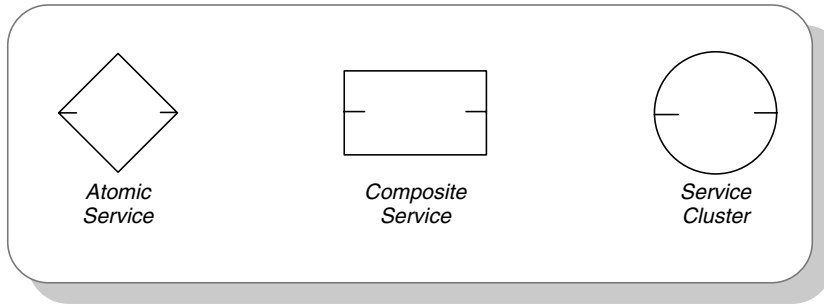
Service-Oriented Modeling Framework

Service Typing Model

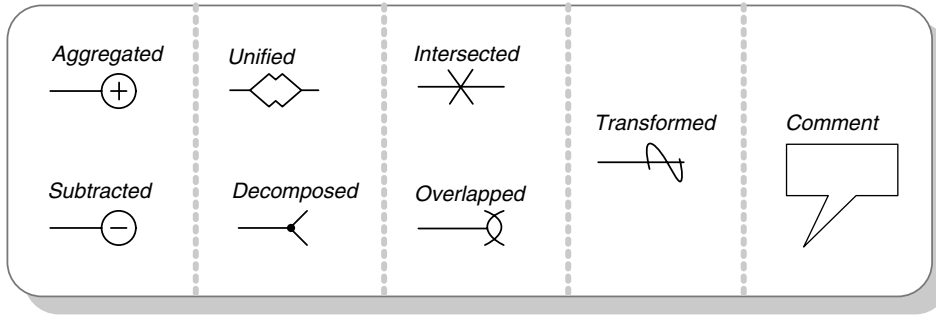


Service-Oriented Analysis Typing Model

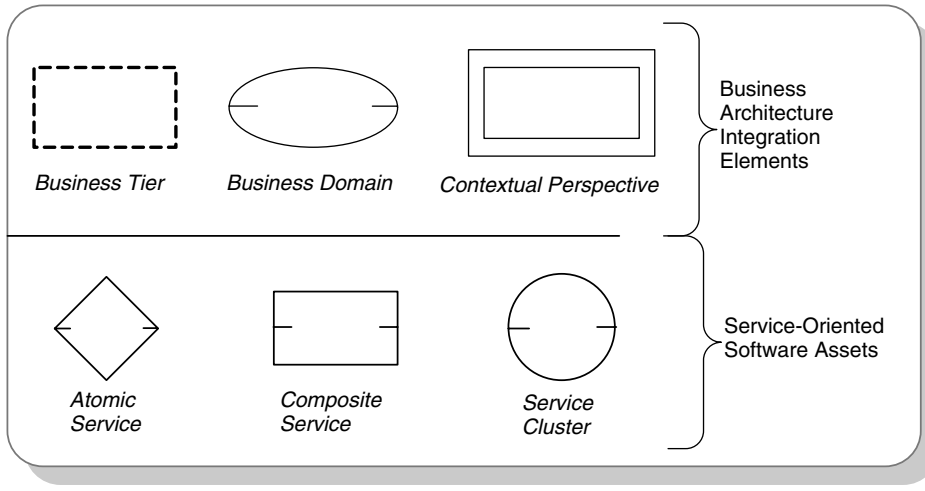
Service-Oriented Analysis Notation



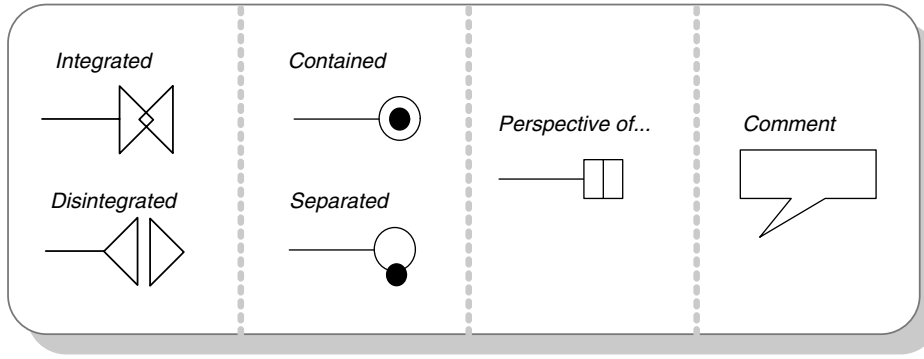
Service-Oriented Analysis Asset Notation



Service-Oriented Analysis Operation Notation

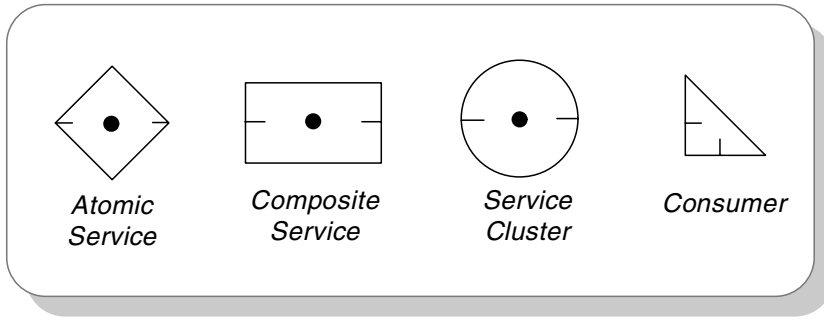


Service-Oriented Business Integration Asset Notation

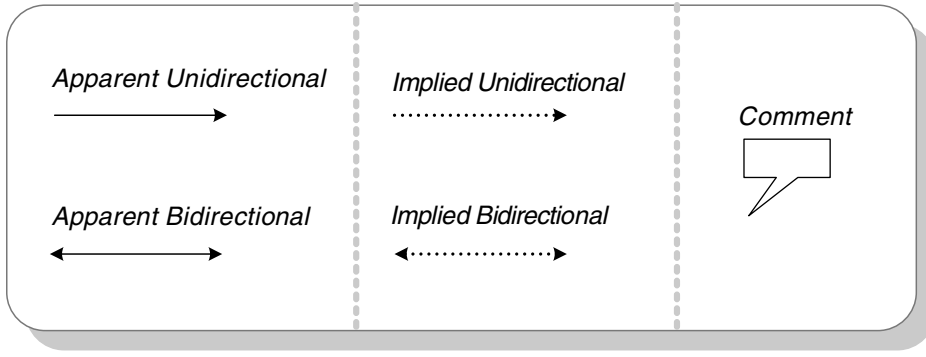


Service-Oriented Business Integration Operations Notation

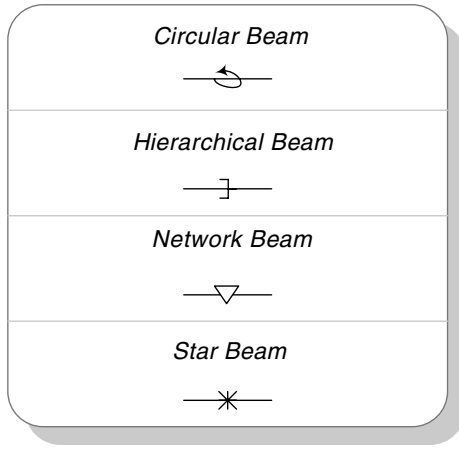
Service-Oriented Design Notation



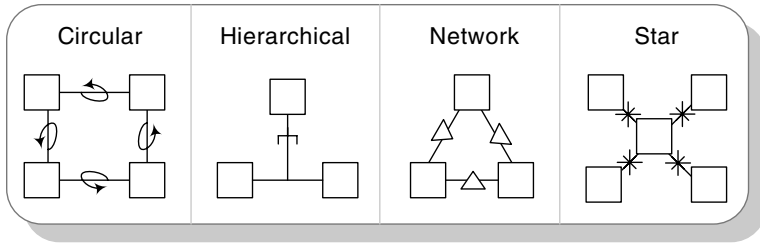
Service-Oriented Design Asset Notation



Service-Oriented Logical Design Relationship Connectors

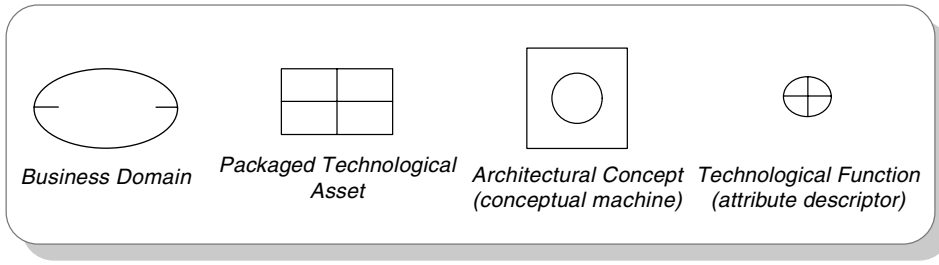


Service-Oriented Design Composition Style Beams

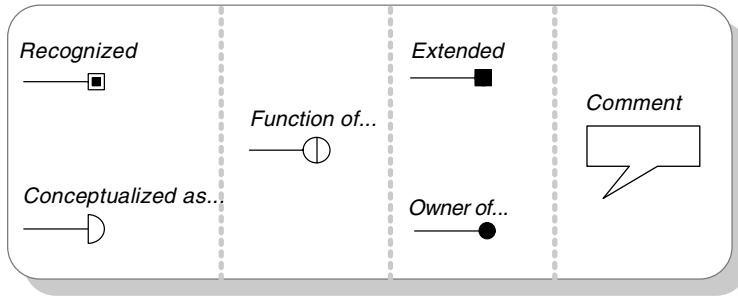


Logical Design Composition Styles

Service-Oriented Conceptual Architecture Notation

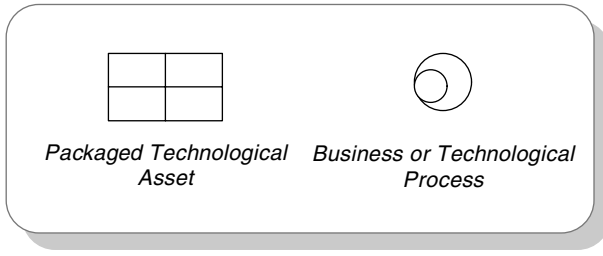


Conceptual Architecture Solution Elements

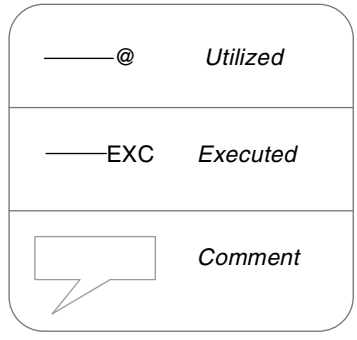


Conceptual Architecture Operations Notation

Service-Oriented Logical Architecture Notation



Logical Architecture Assets Notation



Logical Architecture Operations Notation

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