

Case Studies and Expert Advice Help Businesses Deliver Information Systems Transformation Solutions

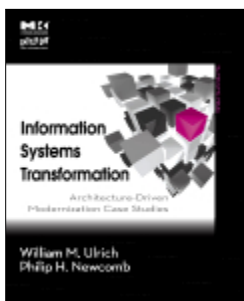
"Ulrich and Newcomb's book offers a comprehensive examination of the challenges of growing software-intensive systems. Every system has an architecture, but as the authors explain, it is only by continuous, intentional architectural transformation that one can attend to costs while simultaneously creating a mechanism wherein innovation may flourish." - Grady Booch, IBM Fellow & Chief Scientist, Software Engineering in IBM Research

Burlington, MA – February 16, 2010 – Every enterprise has substantial investments in a wide variety of aging software systems - complex infrastructures that manage business operations around the globe and serve as the lifeblood of the organization. Aging systems are hard to evolve and extremely difficult to replace due to their inherent complexity, fragmentation, redundancy, and highly coupled integration with other enterprise systems (often comprised of incompatible technologies). This situation necessitates frequent, costly and risk prone modifications that stifle operational efficiency and hinder competitiveness and business agility. To rectify this situation, IT executives are now positioning modernization at the core of their strategic objectives. Architecture-Driven Modernization (ADM) restores the value of entrenched systems by capturing and retooling various aspects of existing application, data and technical architectures, allowing old infrastructures to deliver more viable and sustainable business solutions to the enterprise while incorporating new technologies at a greatly reduced overhead.

According to Ed Yourdon, noted Author and Consultant:

"Modernization is going to be a more and more important part of the overall IT strategy. William Ulrich and Philip Newcomb's important new book, Information Systems Transformation: Architecture-Driven Modernization Case Studies summarizes best practices and then gives us nearly a dozen solid case studies of how real companies are succeeding with this critical work."

Information Systems Transformation: Architecture-Driven Modernization Case Studies, a new book by William Ulrich and Philip Newcomb, provides a practical guide to organizations seeking ways to understand and modernize existing systems as part of their information management strategies. It includes an introduction to ADM disciplines and standards, including alignment with business architecture, as well as a series of scenarios outlining how ADM is applied to various initiatives. Ten chapters, containing in-depth, modernization case studies, distills the theory and delineates principles, processes, and best practices for every industry, ensuring the book's leading position as a reference text for all of those organizations relying on complex software systems to maintain their economic, competitive and operational viability.



Information Systems Transformation: Architecture-Driven Modernization Case Studies

By William M. Ulrich and Philip H. Newcomb

Published by Morgan Kaufmann

ISBN: 978-0-12-374913-0

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\$59.95 USD €43.95 EUR £29.99 GBP

Key Features:

- Acts as a one-stop shopping reference and complete guide for implementing various modernization models including core concepts, common scenarios, and a guide for getting started.
- Concepts are illustrated with real-life examples from various modernization projects, allowing you to immediately apply tested solutions and see results.

- Ten chapters containing in-depth modernization case studies, covering multiple platforms, industries and government agencies from four different countries.

About the Authors:

William M. Ulrich is President of Tactical Strategy Group, Inc. and a management consultant. Mr. Ulrich has been in the modernization field since 1980 and continues to serve as a strategic advisor on business and IT transformation projects for corporations and government agencies. In 2005, Mr. Ulrich was awarded the *Keeping America Strong Award* for his work in information systems modernization. He is Co-Chair of the OMG Architecture-Driven Modernization Task Force and the OMG Business Architecture Special Interest Group, Editorial Director of the Business Architecture Institute, and author of *Legacy Systems: Transformation Strategies*.

Philip H. Newcomb is Founder and CEO of The Software Revolution, Incorporated (TSRI) and creator of TSRI's acclaimed architecture-driven modernization services and toolset JANUS(tm). He is coauthor of *Reverse Engineering* (Kluwer 1996) with Linda Wills, Coeditor of the 2nd Working Conference on Reverse Engineering (IEEE 1995) with Elliot Chikofsky and principal author of the Abstract Syntax Tree Metamodeling Specification (OMG Specification 2009). With more than 35 publications and 70 successfully completed information system modernization projects he is a recognized leader in the application of artificial intelligence, automatic programming and formal methods to industrial-scale software modernization.

About Morgan Kaufmann: Since 1984, Morgan Kaufmann has published premier content on information technology, computer architecture, data management, computer networking, computer systems, human computer interaction, computer graphics, multimedia information and systems, artificial intelligence, computer security, and software engineering. Our audience includes the research and development communities, information technology (IS/IT) managers, and students in professional degree programs. Learn more at www.mkp.com.

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