



Software Systems Architecture: Working With Stakeholders Using Viewpoints and Perspectives (2nd Edition)

By Nick Rozanski, Eóin Woods

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Software Systems Architecture, Second Edition is a highly regarded, practitioner-oriented guide to designing and implementing effective architectures for information systems. It is both a readily accessible introduction to software architecture and an invaluable handbook of well-established best practices.

With this book you will learn how to

- Design and communicate an architecture that reflects and balances the different needs of its stakeholders
- Focus on architecturally significant aspects of design, including frequently overlooked areas such as performance, resilience, and location
- Use scenarios and patterns to drive the creation and validation of your architecture
- Document your architecture as a set of related views

Reflecting new standards and developments in the field, this new edition extends and updates much of the content, and

- Adds a “system context viewpoint” that documents the system’s interactions with its environment
- Expands the discussion of architectural principles, showing how they can be used to provide traceability and rationale for architectural decisions
- Explains how agile development and architecture can work together
- Positions requirements and architecture activities in the project context
- Presents a new lightweight method for architectural validation

Whether you are an aspiring or practicing software architect, you will find yourself referring repeatedly to the practical advice in this book throughout the lifecycle of your projects. A supporting Web site containing further information can be found at www.viewpoints-and-perspectives.info.

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Editorial Review

About the Author

Nick Rozanski has worked in IT since 1980 for several large and small systems integrators, including Logica, Capgemini, and Sybase, and end user organizations including Marks and Spencer and Barclays Global Investors. He has taken senior roles on a wide range of programs in finance, retail, manufacturing, and government. His technology background includes enterprise application integration, package implementation, relational database, data replication, and object-oriented software development. He is also an experienced technical instructor and certified internal project auditor.

Eoin (pronounced “Owen”) **Woods** is a lead system architect in the equities technology group of a major European investment bank with architecture and design responsibility for a number of the organization’s key systems. Prior to this, he led the application architecture group at Barclays Global Investors and has worked as a software engineer for Group Bull, Sybase, InterTrust, and Zuhlke, as well as through his own consultancy company, Artechra.

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