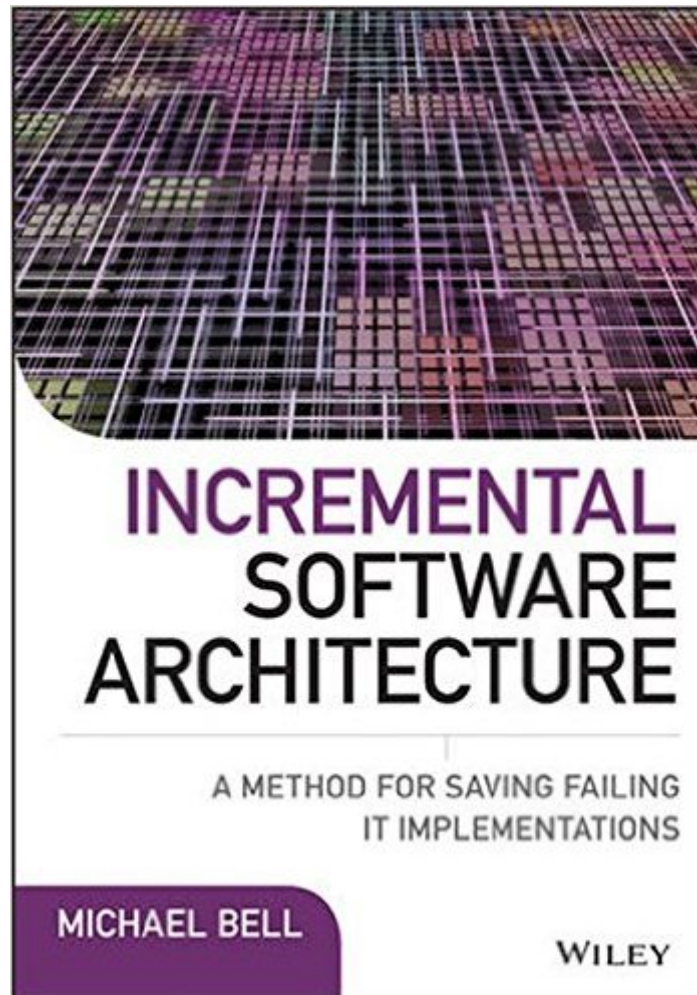# Incremental Software Architecture: A Method For Saving Failing IT Implementations

Synopsis

The best-practices solution guide for rescuing broken software systemsDevised to rescue failing IT implementations, Incremental Software Architecture presents an advanced approach for designing durable, flawless, and elastic software systems to enable business growth. This is a practical-solutions manual with complete guidance, abundance of hands-on instruction, and powerful remedies formulated to save software malfunction. Such software architecture failure typically hinders organizational response to commerce trends, growing consumer demands, changes to business strategies, and technological evolution.You'll learn how to avoid developing software systems that are destined to fail and rescue under-performing software implementations that have already deployed to production. These methods and practices will help you circumvent the business losses that cause companies to flounder.Mitigate risks of software development projectsAccurately assess technological feasibility and viabilityIncrease return on investments (ROI)Provide effective tools to assess technological achievability and viabilityIntroduce software design best practices for enterprise architecture effortsIdentify actual software construction value propositionFoster software assets reuse and consolidationAccelerate time-to-marketOn the software architecture front, fierce competition and volatile commerce markets drive companies to invest heavily in the construction of software systems, which strains IT and business budgets and puts immense pressure on existing network infrastructure. As technology evolves, these increasingly complex computing landscapes become more expensive and difficult to maintain. Incremental Software Architecture shows you how to revamp the architecture to effectively reduce production environment burden, cost, and the chance of failure.

Book Information

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Customer Reviews

I can think of so many orgainzations that could use this book. How the top down strategy has failed to provide a responsive design for business growth and the mountain of energy required to implement a necessary change. Use this book, study it and follow its directives. Michael Bell is one of the premier geeks in the industry. Listen to his advice and his vision to implement micro-organizations.

This book is really good, congratulations to Michael Bell for providing a practical and innovative solution to what has often been missed in large scale enterprise architecture.Michael Bell's Incremental Software Architecture really gets it! Chapter 1 elucidates the incremental concept as applied to EA and the rest of the book follows through. This agile approach to enterprise architecture is what's really needed today, rather than the old fixed 5 year EA road map in most bigger enterprise architecture organizations or the new 'don't document' agile programming which needs a place to fit in. I prefer a more mature scrum with flexible and fast just-needed design and architecture, and all fits into Incremental Architecture's team empowering method. As an enterprise architect, I have found an architectural end state also needs to have a 'current state' and realistic plan to achieve the end state (blueprint) while always keeping an eye on the ball to update the end state (direction) to keep continually improving and always have the best plan at any point in time while technology is constantly improving and business requirements are constantly changing.I think Michael Bell's method provides a better and operational way to achieve a viable enterprise architecture by planning and then letting the teams loose to do their best. Thanks again for contributing to the practice and field.

We have all had the experience when the engineers design a system all at once, then try to build it, and are surprised when it does not work as expected. This book gives the reasoning, methodology and process on why systems should be done in smaller increments then tested against the requirements to ensure that what is produced works the first time. These processes have saved many of Michael's customers a lot of money that is normally wasted int poor architecture. A must read for all system and software integrators and architects.

The suggestion that enterprise level design starts software system development is not new but this book provides a good foundation for this process. The book describes a scheme to deliver a solid architecture that meets the criteria for a stable , non-intrusive , quality design while limiting the risk associated with business availability and continuity. This state-of-the-art book is highly recommended.

The idea that enterprise system design should drive the show of the system development is utterly compelling. The book introduces an original method to deliver a certified end-state architecture that would flawlessly work in production, reducing the danger of business instability and increasing its continuity. To foster this concept, the incremental software architecture book devises a modern method for software construction and integration that ensures superb system performance, free of major design defects. This state-of-the-art book is highly recommended.

this book underscores the importance of enterprise architecture design and integration. Not many books deal with enterprise system implementation and the ways to develop source code without taking budget risks. The incremental architecture method devises a modern and agile product development life cycle that makes sense, avoiding unnecessary risks and system failures. The book also recommends to certify end-state enterprise architecture to reduce the perils of speculative enterprise design.

Michael Bells' book should be the standard to all Information Technology corporations that are failing with software implementations. Personally I see this book as another "HOME RUN" by this amazing writer. Just as his other books that I have read, it's concise and to the point, it delivers a punch in every chapter. OUTSTANDING job Mr. Bell...!!!!!

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