



Research, Technology, and System Solutions

Architecting Software the SEI Way

Software Engineering Institute Hosts Free Software Architecture Virtual Event

For More Information

To watch the recording of the *Architecting Software the SEI Way: Essential Steps Toward Mastery* virtual event and download accompanying slides, please visit www.sei.cmu.edu/go/architecting-software-the-sei-way/.

For more information about the SEI Webinar Series, and to view a library of recent installments, please visit www.sei.cmu.edu/library/webinars.cfm.

For General Information

For information about the SEI and its products and services, contact Customer Relations
Phone: 412-268-5800
FAX: 412-268-6257
customer-relations@sei.cmu.edu
www.sei.cmu.edu
Software Engineering Institute
Carnegie Mellon University
Pittsburgh, PA 15313-2612

The Carnegie Mellon Software Engineering Institute (SEI) hosted "Architecting Software the SEI Way: Essential Steps Toward Mastery," a free virtual event on February 28, 2012, from 1:00 to 4:30 p.m. For nearly two decades, the SEI has been instrumental in the creation and development of the field of software engineering known as *software architecture*. The software architecture of a program or computing system is a depiction of the system that fosters understanding of how the system will behave.

This virtual event provides software and systems practitioners the tools and information they need to use architecture practices more effectively and to build better systems more efficiently and productively. It offers something for everyone in the field, from those who produce robust software architectures to those who view software architecture as a critical element in their business or organizational missions.

SEI researchers Rob Wojcik, Felix Bachmann, and John Klein, leading problem solvers and innovators in evaluating and improving software architecture, share their knowledge and insights in software and systems architecture. Their work is informed by years of professional and research experience. This three-hour webcast covers

- *Fundamentals*: Discover the nature of software architecture in terms of

architectural structures; the role that software architecture plays in an organization; the role of quality attribute requirements in architectural design; and the technical, business, and social influences on software architectures.

- *Improved Practice*: Explore how to conduct a software evaluation using the SEI's Architecture Tradeoff Analysis Method (ATAM). Learn how to integrate ATAM architecture-evaluation techniques into the architecture design process to ensure the creation of successful systems.
- *Bridging Technical and Business Goals*: Review the SEI perspective on architecture-centric engineering and understand how that approach scales from its original software context through systems and systems of systems. Discuss SEI methods applicable to systems and systems of systems, and learn how to extend those methods to apply to enterprise architectures.

About the Software Engineering Institute

The SEI is a federally funded research and development center sponsored by the U.S. Department of Defense and operated by Carnegie Mellon University. The SEI helps organizations make measurable improvements in their software engineering capabilities by providing technical leadership to advance the practice of software engineering. For more information, visit the SEI website at www.sei.cmu.edu.