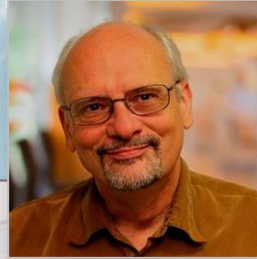


Carnegie Mellon University Software Engineering Institute (SEI) Systems and Software Engineering Lunch and Learn Series Session 12 of 12

Wed May 17, 2023
12:00 – 1:30 PM EDT



Felix Bachmann



Stephany Bellomo

How to Conduct a Simple More Effective (4-Step) Design Review



A FREE Virtual Event – Registration Required

1 PDU / CEU

Stephany Bellomo is a Principle Engineer at Carnegie Mellon University's Software Engineering Institute (SEI). Stephany holds a Master's degree in Software Engineering and distinguished status of IEEE Senior Member. Prior to joining the SEI she was a software engineer/developer for organizations such as Lockheed Martin and Intuit. At SEI, she has worked with dozens of government and DoD clients with complex or large-scale systems. Current interests include machine learning, technical debt, and enterprise modernization. Her contributions are acknowledged in two books: *Managing Technical Debt* and *Cyber Security Engineering*, and she teaches Software Architecture.

Felix H. Bachmann is CTO of Impactiv, Inc. and is a former Senior Member of the Technical Staff at the Software Engineering Institute (SEI) of Carnegie Mellon University working in the Research, Technology, and System Solutions Program. Felix is a co-author of the Attribute-Driven Design Method, a contributor to and instructor for the ATAM Evaluator Training, a co-author of *Documenting Software Architectures: Views and Beyond*, and leading research on an architecture design expert. Before joining the SEI he was a software engineer at the Robert Bosch GmbH in Corporate Research, where he worked with software development departments to address the issues of increased features and higher quality in the call-control software, the core of telecommunications products. Bachmann also defined a software development process that describes in three levels how to develop high quality software in a timely fashion. Later he was a Resident Affiliate for Bosch at the SEI where he managed a collaboration in software architecture and product lines that was aimed at applying the SEI technology and methods in these areas within Bosch business units.

Flyer v1, 11May2023, J. Stein

Abstract: Few would disagree that it's beneficial to find and correct bad design decisions early, but who has time for traditional design reviews? In this talk we'll share a lightweight approach to conducting effective design reviews that also integrates well with an iterative lifecycle. We'll present a simple four-step design review process and share strategies for figuring out the minimal set of materials needed for an effective review.

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