

Agile MBSE

Lunch and Learn Series

with

Bruce Powel Douglass, Ph.D.

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Agile MBSE Cookbook!

A FREE Virtual Event
Registration Required



Wed Nov 3, 2021
12:30 – 1:30 PM EDT

Session 4

Improving Requirements with Use Cases: How to effectively perform agile model-based requirements analysis

Dr. Bruce Powel Douglass has deep and broad expertise from over 40 years experience, specializing in both model-based systems engineering and model-driven development for embedded software for safety-critical systems. He has developed systems in a number of subject domains including aerospace, defense, medical, automotive, and telecommunications. He is a coauthor of the UML and SysML standards and is the author of over 7000 book pages from a number of technical books including Agile Model-Based Systems Engineering Cookbook (2021), Agile Systems Engineering, The Harmony aMBSE Deskbook, Real-Time UML, Real-Time UML Workshop for Embedded Systems, Real-Time Design Patterns, Doing Hard Time, Real-Time Agility, and Design Patterns for Embedded Systems in C. He is formerly the Chief Evangelist at IBM and currently the Senior Principal Agile Systems Engineer at the MITRE Corporation. His web site www.bruce-douglass.com has free papers, presentations, forums and more.

Session Description. This session focuses on 3 different workflows for performing model-based requirements analysis when those requirements are captured in epics, use cases, user stories, and textual requirements. This includes the capture of stakeholder needs, the clarification of system requirements, the creation of a computable model of those capabilities and the use of those models for requirements refinement



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