

Please join us on the 6th INCOSE/GfSE Webinar

When

Wednesday, April 6th, 2022 from 11:00am-12:00pm EST (4:00pm-5:00pm UTC, 5:00pm – 6:00pm CET)

Topic

Enterprise Architecture Guide for the Unified Architecture Framework (UAF)

Speaker

Dr. James N Martin



Abstract

This webinar describes a workflow for creating Enterprise Architecture (EA) views in accordance with the Unified Architecture Framework (UAF) standard published by the Object Management Group (OMG).

This workflow will be the foundation for a new EA Guide now being published as part of the OMG standard. The nine steps of the workflow are laid out in alignment with the stakeholder domains in the UAF for producing the requisite UAF views in each of those domains. This architecture description method can be used in conjunction with processes for the conceptualization and evaluation of an architecture, and used as the basis for an EA modeling methodology, architecture development planning, MBSE capability assessment, and modeling project organization.

The EA Guide covers architecting of the enterprise as well as architecting (at a high level) of a major entity within the enterprise. The webinar will provide an understanding of what the Guide contains and how it could be used.

Take-Away Key Message

If you have ever struggled with the complexity of implementing MBSE and creating architecture models, this EA Guide can help you navigate the many principles, concepts and views defined in the Unified Architecture Framework and could serve as the foundation for your own modeling methodology.

Biography

James N Martin is a member of the UAF Revision Task Force with OMG and was lead editor for the ISO 42020 standard on Architecture Processes. He is an Enterprise Architect and a Principal Systems Engineer at The Aerospace Corporation developing solutions for information systems and space system enterprises. He was a key author on the BKCASE project in development of Enterprise Systems Engineering articles for the SE Body of Knowledge (SEBOK).

Dr. Martin led the working group responsible for developing ANSI/EIA 632, a US national standard that defined the processes for engineering a system. He previously worked for Raytheon Systems Company and AT&T Bell Labs on airborne and underwater systems and on communication systems. His book, Systems Engineering Guidebook, was published by CRC Press in 1996.

Dr. Martin is an INCOSE Fellow and was leader of the Standards Technical Committee. He was founder and was until recently leader of the Systems Science Working Group. He received from INCOSE the Founders Award for his long and distinguished achievements in the field.

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Regards, Christian Lalitsch-Schneider christian.lalitsch-schneider@gfse.de

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