UAF®, UPDM™ & MBSE Summit
The Unified Architecture Framework® (UAF) and Profile (UAFP)

Thursday Morning, March 23, 2017
08:30-12:00, Reston, VA USA

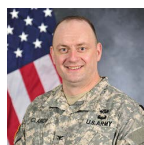OMG TECHNICAL MEETING SPECIAL EVENT

COMPLIMENTARY 1/2 DAY EVENT

| Registration | Hotel Information | All Special Events | Become A Sponsor |

Join us on Thursday Morning, March 23rd at the Hyatt Reston Town Center Hotel, Reston, VA for the third UAF®, formerly UPDM™, with MBSE Summit. This complimentary Summit explores how to leverage MBSE with Architecture modeling in an integrated and disciplined approach, enabling the modernization of complex systems (Systems of Systems, C4I systems and heavy industry systems), bringing together thought leaders from government, system integrators, the UAF development team, and practitioners to discuss the challenges, strategies, and current and emerging practices, and to inform the user community on the path forward. UAF with MBSE attendees will have the opportunity to exchange experiences and ideas.

The Unified Architecture Framework® (UAF) And Profile (UAFP)

The UAFP is a response to the "UML® Profile for DoDAF/MODAF" Request for Proposal c4i/13-09-11 (UPDM 3.0 RFP.)[1] UAFP enables the extraction of specified and custom views from an integrated architecture description (AD) in support of a model-based systems engineering (MBSE) approach. The views describe a system from a set of stakeholders' concerns such as security or information. The UAFP specification supports the Department of Defense Architecture Framework (DoDAF) 2.02, the Ministry of Defence Architecture Framework (MODAF), Security Views from Canada's Department of National Defense Architecture Framework (DNDAF) and the North Atlantic Treaty Organization (NATO) Architecture Framework (NAF) v 3.1. The core concepts in the UAF domain metamodel used to specify the UAFP are based upon the DoDAF 2.0.2 Domain Metamodel (DM2) and the MODAF ontological data exchange mechanism (MODEM, which is intended to provide the basis for the next version of NAF). The intent is to provide a standard representation for AD support for Defense Organizations. UAFP is also intended to support a standard representation for non-defense organizations' ADs as part of their Systems Engineering (SE) technical processes. The associated UAF metamodel (see c4i/2015-10-2) intent is to improve the ability to exchange architecture data between related tools that are UML/SysML® based and tools that are based on other standards. UAFP v 1.0 will support the capability to:

- model architectures for a broad range of complex systems, which may include hardware, software, data, personnel, and facility elements;
- model consistent architectures for system-of-systems (SoS) down to lower levels of design and implementation;
- support the analysis, specification, design, and verification of complex systems;
- support cybersecurity analysis, specification, and mitigation of security risks from a system/infrastructure perspective and to aggregate the impact analysis to the operational perspective and cybersecurity risks' impact on the mission; and
- improve the ability to exchange architecture information among related tools that are SysML based and tools that are based on other standards.

Keynote Speaker:

Challenges to Operationalizing Digital Identity in DOD
Colonel Tom Clancy, IdAM and PKI Lead, Office of the Secretary of Defense's Deputy CIO for Cybersecurity (View COL Clancy's Bio)

Agenda Coming Soon.

NOTE: *If you register for the OMG Technical Meeting Week, you do not have to pay additional fee(s) (if applicable) to attend any or all of the special events. If you register only for a specific special event, then the relevant special fees apply. This event is scheduled for the morning only and lunch is not included.*

[1] http://www.omg.org/cgi-bin/doc.cgi?c4i/2013-9-11