

Software Assurance Initiative

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OMG SwA, Co-Chairs**

Software Assurance Special Interest Group (SwA SIG)

- ▶ Software Assurance SIG chartered on Feb. 13, 2006 (ab/06-02-01)
 - ▶ The primary mission of the SwA SIG is to work within the OMG and other industry groups, to establish a common framework for analysis and exchange of information related to software trustworthiness.
- ▶ The goals of the SwA SIG are:
 - ▶ Facilitate the development of a specification for a Software Assurance Framework
 - Enable industry to improve visibility into the current status of software assurance during development of its software
 - Enable industry to develop automated tools that support the common framework
 - ▶ Leverage other related OMG specifications such as KDM, SPEM, ...
 - ▶ Promote the use of OMG specifications in the development of secure software
 - ▶ Find ways to leverage the various quality and maturity models for security with OMG specifications.



Other Logistics

- ▶ Chairs for SwA are
 - ▶ J.D. Baker, BAE Systems
 - ▶ Djenana Campara, Klocwork
- ▶ Software Assurance
 - ▶ URL <http://swa.omg.org>
 - ▶ Mailing list: swa@omg.org – to be added to the list please send e-mail to request@omg.org
- ▶ OMG Software Assurance Special Interest Group (SwA SIG) will be meeting on Thursdays during OMG Technical Committee meetings
 - ▶ The next meeting will be on Thursday April 27 in St. Louis, Mo.
- ▶ To register for the St. Louis meeting go to <http://www.omg.org>
- ▶ For any additional information please send e-mail to Chairs:
 - ▶ djenana@klocwork.com
 - ▶ james.d.baker@baesystems.com

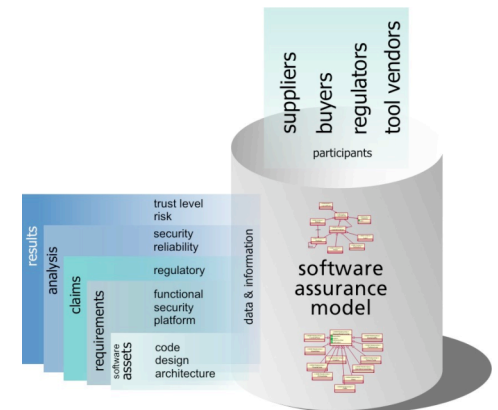


SwA SIG Work Outline

- ▶ Efforts to date
 - ▶ SwA white paper published and revised based on initial feedback
 - Can be found at <http://adm.omg.org>
 - ▶ Additional feedback received
- ▶ Today
 - ▶ Gather information from Government, Academic and Industry sources
- ▶ Next steps
 - ▶ Review white paper and feedback with larger audience
 - ▶ Engage in further discussion on the subject, building on today's presentations
 - ▶ Publish revised white paper
 - ▶ Create SwA roadmap
 - ▶ Develop one or more RFPs, based on roadmap (e.g. SwA Framework)

Standardization will ensure that all participants are investing not just in individual activities but in a coordinated strategy.

- ▶ Software Assurance (SwA) standardization will establish interoperability for exchange of information among participants
 - ▶ A SwA Standard will allow
 - different participants to initiate collaboration and activities in areas of SwA through the common framework and
 - achieve greater automation of SwA process by enabling interoperability between different supporting tools and vendors
- ▶ This will enable a new generation of solutions to benefit all sectors (Government, Industry and others)
- ▶ Standardization of SwA means ...
 - ▶ A formalization of the set of common definitions related to SwA
 - ▶ A format for exchanging information related to SwA



Assurance Leveraging Other OMG Specifications

