OMG Amsterdam Meeting of Architecture-Driven Modernization Task Force

REVISED FROM ORIGINAL PRESENTATION - 17 June 2019

Announced Items

Automated Function Point (AFP)
- Has been adopted as an ISO standard 19515:2019

Automated Source Code Quality Metrics (ASCQM)
- FTF approved by OMG Architecture Board
- Replaces four existing CISQ quality measure standards
- Detection patterns expressed in micro KDM to provide better guidance to static code analysis vendors (already in SPMS format)
- All weaknesses assigned Common Weaknesses Enumeration (CWE) identifiers since the CWE Repository is an International Telecommunications Union (ITU) standard

Work Recently Initiated

Trustworthiness Measures for Model-Based Software Engineering (MBSE) Quality Measures

Future Work
- Create MBSE based quality metrics
- Rework the Automated Source Code Technical Debt (ASCTD) Standard update required to align with weaknesses in the new ASCQM standard

ADM TF Roadmap

Long-term, look at Business / IT alignment using BACM baseline of business representations