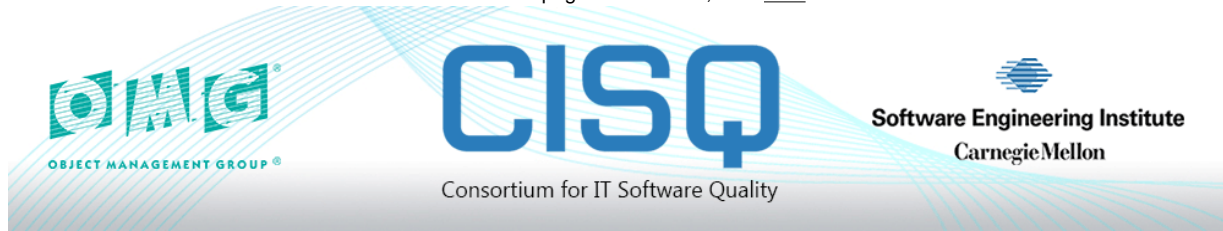


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CISQ NEWSLETTER

December 2014



Address from CISQ Director



CISQ has done well this year. The industry called for objective and automatable quality measures to manage the quality of in-house or outsourced software. Quality is a risk issue heightened by security breaches, outages, and rising technical debt. CISQ is addressing this need in several ways.

1. We submitted the **CISQ Security measure** specification for OMG approval and it has passed through its open review period without comment. The security measure is based on the CWE Top 25 (OWASP Top 10) from MITRE. The CISQ team on security was led by Robert Martin who leads the work on the Common Weakness Enumeration (CWE) repository at MITRE. We anticipate the measure will be approved as an OMG Supported Specification during

the December OMG meeting in Long Beach, CA. It will then enter a three month period for finalizing the document and will be released publicly at the March meeting in Washington, DC.

2. Three additional quality measures for **Reliability**, **Performance Efficiency**, and **Maintainability** are going through the OMG standardization process during 2015.

3. CISQ will soon begin work on standards for **Automated Enhancement Function Points** and **Technical Debt**. It was imperative to define measures for Security, Reliability, Performance Efficiency, and Maintainability ahead of work on Technical Debt, as Technical Debt incorporates these variables into value.

Review [CISQ Quality Measures](#) on our website. Join the [CISQ LinkedIn group](#) to discuss, question, and engage in healthy debate. Next month I will start posting discussion topics on the CISQ site ahead of new standards work. I look forward to your comments. Please help spread the word.

Dr. Bill Curtis

CISQ Director

Sr. VP and Chief Scientist at CAST Software

bill.curtis@it-cisq.org

Technical Debt Survey

CISQ is participating in a workshop on Software Quality and Technical Debt hosted by Southern Methodist University (SMU) on January 14, 2015 in Dallas, Texas. The SMU Software Engineering Research Team is conducting a second round survey under the supervision of Dr. LiGuo Huang. The objective of this survey is to explore and investigate definitions, measurement, and fundamental elements of Technical Debt. CISQ members are invited to take the survey.

[Start the Survey >>](#)

Software Quality is a Risk Issue! Keynote with Dr. Richard Soley

On October 10, 2014, Dr. Richard Soley, CEO of

CISQ Events

Upcoming events where CISQ is participating:

- [Gartner Application Architecture](#),

OMG, addressed a conference of CIOs in Paris, France to stress the importance of adopting CISQ measures.

"Unfortunately, software is a mystery to the management of most organizations. They think, well, this is just something technical, I can just let the technical team deal with it, and they don't take into account that it's a quality issue.. it's a RISK issue.. that has impact on all of our organizations every single day." VIDEO: [View keynote](#)

CISQ Member Blogs

[How Do You Measure System Complexity?](#) - Tracie Berardi, Program Manager, CISQ

[Software Risk Management](#) - David Gelperin, CTO, ClearSpecs Enterprises

[What is Quality?](#) - Bill Ferrarini, Senior Quality Assurance Analyst, SunGard Public Sector

Be a guest contributor! Contact tracie.berardi@it-cisq.org.

Seminar Presentations

CISQ hosted a seminar on Measuring and Managing Software Risk, Security and Technical Debt on September 17, 2014 in Austin, Texas. Presentations are posted to our site. [View the agenda and presentations.](#)

[Development & Integration Summit](#) ·

December 8-10, 2014 · Las Vegas, NV

- [Winter 2014 Software and Supply Chain Assurance \(SSCA\) Forum](#) · December 15-18, 2014 · McLean, VA
- [DFW Workshop on Software Quality and Technical Debt](#) hosted by SMU · January 14, 2015 · Dallas, TX

Attend a CISQ seminar/workshop during OMG Technical Meetings:

- March 2015 in Reston, Virginia, USA
- June 2015 in Berlin, Germany
- September 2015 in Cambridge, Massachusetts, USA

View [CISQ Event Calendar](#)

Industry News & Commentary

[Software development security lifecycle needs to be part of the engineered product lifecycle](#) (Ovum)

[Banks take on retailers over who foots cyber attacks bill](#) (Financial Times)

[IT Outsourcing More Popular than Ever](#) (The Wall Street Journal)

[Tech Trends 2014: Technical Debt Reversal](#) (Deloitte University Press)

About CISQ

The Consortium for IT Software Quality (CISQ) is an IT industry leadership group comprised of IT executives from the Global 2000, system integrators, outsourced service providers, and software technology vendors committed to introduce a computable metrics standard for measuring software quality and size. CISQ is a neutral, open forum in which customers and suppliers of IT application software can develop an industry-wide agenda of actions for improving IT application quality and reduce cost and risk.

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