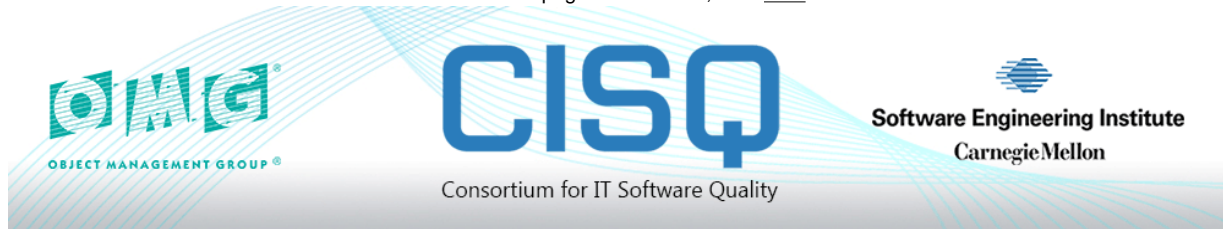


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CISQ NEWSLETTER

August 2015



2015 Mid-Year Report



Address from CISQ Director

This year CISQ has been successful in having all four **Quality Characteristic Measures** (Reliability, Security, Performance Efficiency, Maintainability) voted through as adopted OMG specifications. The quality characteristic measures cover **86 code quality rules** at the unit and system level. The measures are automated which means that a software measurement tool can implement the specifications to automatically detect critical violations of reliability, security, performance efficiency, and maintainability in the source code of software. CISQ will ask OMG to use its Publicly Available Specification (PAS) submitter status to submit these specifications to ISO/IEC JTC1 for publication as ISO International Standards.

We're working on a new whitepaper to help you effectively add quality metrics to service level agreements. A link to the paper will be coming to your inbox shortly.

CISQ has initiated work on standards for **Automated Enhancement Function Points**, **Technical Debt**, and **Quality-Adjusted Productivity**. We expect to submit these specifications to OMG in late 2015 and early 2016.

In Q4 2015, in addition to promoting CISQ's Quality Characteristic Measures (which are now OMG Approved Specifications), we will announce plans for **CISQ Conformance Assessments**. These assessments allow vendors to establish that their structural measurement tools and/or services conform to OMG-approved CISQ standards. A CISQ-conformant technology or service is able to accurately certify the level of structural quality in an application against one or more CISQ Quality Characteristics. We are also working with OMG to develop a CISQ certification test for individual knowledge.

Dr. Bill Curtis

Executive Director, Consortium for IT Software Quality
Sr. VP and Chief Scientist at CAST Software
bill.curtis@it-cisq.org

CISQ Conformance Assessment in Development

CISQ has produced a working paper on methods for assessing conformance with CISQ Quality Characteristic Measures to be applied to technology and quality analysis services, especially those wanting to provide quality certificates to clients. CISQ Conformance Assessment will focus on three areas -- **technology** conformance to Quality Characteristic Measure specifications, **organizational** capability for providing CISQ-conformant services, and **individual knowledge** of structural quality and CISQ measures. More information will be available soon.

CISQ Resources

We're amassing a collection of whitepapers:

Read: [How to Deliver Resilient, Secure, Efficient, and Easily Changed IT Systems in Line with CISQ Recommendations](#)

Read: [Using Software Measurement in SLAs: Integrating CISQ Size and Structural Quality into Contractual Relationships](#)

Read: [Example Terms for Using Automated](#)

Software Risk in the IoT Universe

CISQ is speaking at the **OMG Standards at Work in the Industrial Internet of Things** event on September 23rd in Cambridge, MA. At this 1/2 day event industry experts will share case studies of IoT standards at work in the industrial internet, and present their vision of the future within this rapidly growing field.

CISQ will present *Software Risk in the IoT Universe*.

[Function Points in Software ADM Contracts](#)

[Find More Articles in the Members Area](#)

CISQ Event Calendar

- [OMG Standards at Work in the Industrial Internet of Things](#) · Sept. 23, 2015 · Cambridge, MA
- [STARWEST](#) · Sept. 27 - Oct. 2, 2015 · Anaheim, CA
- [Seventh International Workshop on Managing Technical Debt - MTD 2015](#) · Oct. 2, 2015 · Bremen, Germany
- [CISQ Webcast: How to Automate Structural Quality Measurement](#) · October
- [CISQ Summit](#) · October · Washington, D.C.
- [Pacific Northwest Software Quality Conference](#) · Oct. 12-15, 2015 · Portland, OR
- [Gartner Sourcing & Strategic Vendor Relationships Summit](#) · Nov. 3-5, 2015 · Grapevine, TX
- [Gartner Application Architecture, Development & Integration Summit](#) · Dec. 1-3, 2015 · Las Vegas, NV

Would you like to meet? [Contact us](#).

[View CISQ Event Calendar](#)

[Enjoy Free Registration Now](#)

From Our Blogs

[The Relationship Between Unit and System Level Issues](#), Bill Dickenson

[CISQ Sponsors Meet in Bangalore to Improve the Sizing of Maintenance Work](#), Bill Curtis

[CISQ Interviewed by SD Times - Dr. Bill Curtis \(CISQ\) and Dr. Richard Soley \(OMG\) Cited](#), Tracie Berardi

[Write a Member Blog, Contact Us](#)

Media and Analyst Coverage

[5 Steps to Secure Embedded Software](#) [Embedded Computing Design]

[DHS: Most Organizations Need Improvement in Managing Security Risk](#) [InformationWeek Darking Reading]

[Built-in security enables cyber resilience](#) [GCN]

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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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