Consortium for Information & Software Quality (CISQ)

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The Consortium for Information & Software Quality (CISQ) develops international standards to automate the measurement of software from source code. Industry needs standard, low-cost, automated measures for evaluating software size and structural quality that can be used in controlling the quality, cost, and risk of software that is produced internally or by third parties.

Automation is critical because manual review is infeasible for large multi-layer, multi-language, multi-platform systems. Additionally, DevOps greatly speeds up the deployment of applications, some changing on a daily or even hourly basis, which may result in unintended vulnerabilities without review.https://www.it-cisq.org/standards/

Note: CISQ is an independent program managed by OMG. As a result, not only does it maintain a close working relationship with the OMG, many of its Software Sizing, Code Quality, and Technical Debt standards have been adopted by OMG including one that has been accepted as an ISO standard. More are in progress.

Note: The OMG specifications quoted in this document refer to CISQ as the “Consortium of IT Software Quality”; however, their web site clearly uses the name “Consortium for Information & Software Quality”. Thus, unless quoting from the OMG specifications in xapend.stds, this document refers to CISQ using the name shown on its home page.

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