Code Coverage Analyser Testwell CTC++ from Verifysoft Technology receives TÜV certification

Measurement of test coverage in safety-critical software development projects possible without additional qualification

Offenburg, Germany, April 19, 2023– Verifysoft Technology, a specialist in solutions for increasing software quality and measuring test coverage, announces the TÜV certification of the Code Coverage Analyzer Testwell CTC++. The tool has been certified by the Testing Laboratory for Safety Components of TÜV SÜD Rail GmbH for use in safety-critical software development projects.

Testwell CTC++ can thus be used to measure test coverage in projects in accordance with standards such as IEC 61508 (electrical, electronic and programmable electronic systems), ISO 26262 (automotive), EN 50128 (railroad) and IEC 62304 (medical devices) without additional qualification. This significantly simplifies the corresponding processes and at the same time ensures reliable results for safety-critical software.

During certification by TÜV Süd Rail GmbH, both the coverage analyzer itself and the development process at Verifysoft Technology were reviewed. The certification applies to all safety levels of the respective standards. It also covers all components of Testwell CTC++ for all available platforms (Windows, Linux and MacOS).

Testwell CTC++ 10

At the beginning of the year, Verifysoft Technology released the new version 10 of Testwell CTC++. The major release offers, among other things, completely revised, modern HTML reports that can be customized and provide even more overview and traceability. In addition, the reports can also be generated more easily and with better performance. Other new features in Testwell CTC++ include the integration of build management tools and easier coverage measurement for differently pre-processed header variants and conditionally compiled code.

Testwell CTC++ is one of the leading code coverage tools for measuring test coverage on the host and on all (even the smallest) embedded targets. It supports a wide range of code coverage levels required by standards, such as statement, branch and modified condition/decision coverage (MC/DC). In addition, the solution displays line, function, decision, condition and multicondition coverage. Testwell CTC++ is currently being used successfully by over 700 customers in 43 countries for quality assurance.

TÜV Süd certificate: https://www.verifysoft.com/CertificateTUVSudTestwellCTC.pdf

Further information about Testwell CTC++: https://www.verifysoft.com/en_ctcpp.html

About Verifysoft Technology

Verifysoft Technology GmbH is a leading provider of tools, services and training to increase software quality and reduce development costs in the embedded sector. Founded in 2003, the company serves over 700 customers in 43 countries worldwide with an international team of consultants at its headquarters in Offenburg, Germany. One focus of Verifysoft Technology is the measurement and documentation of code coverage and code quality. To this end, Verifysoft Technology offers Testwell CTC++, Testwell CMT++ and Testwell CMTJava solutions, which are used in all safety-critical industries. In addition, Verifysoft Technology is a distributor for various complementary tools for software quality assurance, such as static code analysis.

More information about Verifysoft Technology is available at www.verifysoft.com.

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