



Zoom Tools – Expert reviews: TESTWELL CTC++ Test Coverage Analyser

Code Coverage for C, C++, Java, and C#

Testwell CTC++ is the leading Code Coverage Tool for measuring Code Coverage on host and all embedded targets (even very small ones). **Compatible with all compilers and offering the highest level of coverage (MC / DC coverage for critical projects)**, the tool is compliant to Safety Standards. Hundreds of companies all over the world use Testwell CTC++ with great success. Testwell CTC++ is the first choice for companies which have to achieve and to proof high code coverage in aerospace, automotive, transportation, healthcare and other industries.

Expert reviews on this tool:

- What is the utility of the tool TESTWELL CTC++ Test Coverage Analyser ?

“If you know testing, there is one question that is always asked: Is it enough? There are two ways that are often used, to answer this question. For blackbox testing, this would be 'Requirement Coverage'. You take a look into your user requirements specifications. If your tests satisfy all requirements, you are done.

For whitebox testing, a widely accepted measurement is the so called 'Code Coverage'/'Test coverage'. This quantitative measurement is used to testify that you tested enough.” S.Götzinger (IT)

“Testwell CTC++ is a test coverage tool (code coverage tool).It shows the parts of code which are covered by tests.There are different code coverage levels. Testwell CTC++ shows all of them (up to MC/DC and Modified Condition Coverage). Testwell CTC++ can be used to fulfil the requirements of safety critical software which has to be tested according to safety standards like DO178-C, IEC 61508, EN 50158, and ISO 26262.”

K.Lambertz (Management)

“Testwell CTC++ is a competitive advantage for companies which are using it. This tool allows to prove that their software has been tested and therefore they are reliable.

Software that has been tested with this code coverage analyzer guarantees to the customer that the product replies to the safety standards imposed by the authorities. Testwell CTC++ is a must-have in companies where quality and safety are essential.”M.Fournier (Marketing & Sales)

“The utility of TESTWELL CTC++ is to ensure that within the scope of dynamic analysis all necessary tests have been performed.” R.Lüdtke (IT)

- **Which benefits do the customers gain for their work through the usage of TESTWELL CTC++ Test Coverage Analyser ?**

"The user knows when he can stop testing and when the requirements of safety standards are fulfilled. Testwell CTC++ shows the tested parts within the source code. This helps to find missing test cases and avoids redundant work. Our customers only need one license (!) to cover all compilers and all embedded targets. The tool has been compared to a US army Jeep: "Simple to use. Works. Can be driven on almost whatever terrain. There are many customers who are very satisfied with Testwell CTC++.

For me it is easier to turn the sentence "Which companies are not satisfied by Testwell CTC++" in: We have never had a single customer who was not satisfied by CTC++" K.Lambertz (Management)

" So the benefits are that the customers can use our tool on all embedded targets even the smallest ones, the size of the target does not matter for them. They only need one license for all compilers and all targets. (As I heard from our customers, some of the competitors are requiring to buy separate license for every compiler)

Our support is very fast (sometimes in a matter of minutes), we receive a lot of positive feedback concerning it from the customers. "If we encounter any issue, the technical support helps immediately with tips and tricks or fast fixes." one customer is writing." P.Handzhiyska (Marketing & Sales)

"The benefit for customers is that TESTWELL CTC++ is a lightweight tool. Seamless integration in most toolchains and support of all recent compilers leverage TESTWELL CTC++ to a universal part of their development process." R.Lüdtke (IT)

- **Which companies are satisfied by TESTWELL CTC++ Test Coverage Analyser ?**

"We have to refer to testimonials as mentioning a company without approval is...sensitive but you can mention for sure the domains: mil/aero/space, railways, automotive, medical..." O.Casse (Sales)

"ABB, Siemens, Continental and many others have already given their opinion about the tool. Here are their references:

http://www.verifysoft.com/en_testwell_user_testimonials.html

But of course we have much more other satisfied customers, more than 400 customers are successfully implementing Testwell CTC++ in their projects, many of them are enlarging the number of licenses used every year, spreading the use of Testwell CTC++ to other divisions/locations/filials of their companies."
P.Handzhiyska (Marketing & Sales)