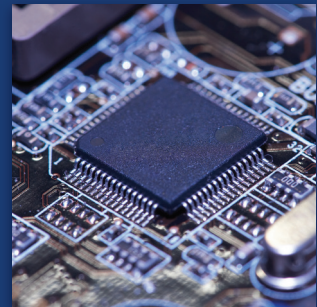


Verifysoft TECHNOLOGY

Software Testing Solutions for your Productivity and Quality



- ✓ Code Coverage
- ✓ Software Complexity Measurement

Testwell CTC++ Code Coverage

Code Coverage compliant to highest safety requirements

Testwell CTC++ is a powerful and easy-to-use code coverage analyser proving which structures of your code have been tested. The tool provides all coverage levels required by industrial safety standards.



Easy to use

- ▶ Generic build integration
- ▶ Excellent performance
- ▶ Integration in IDEs
- ▶ Modular architecture for full integrability



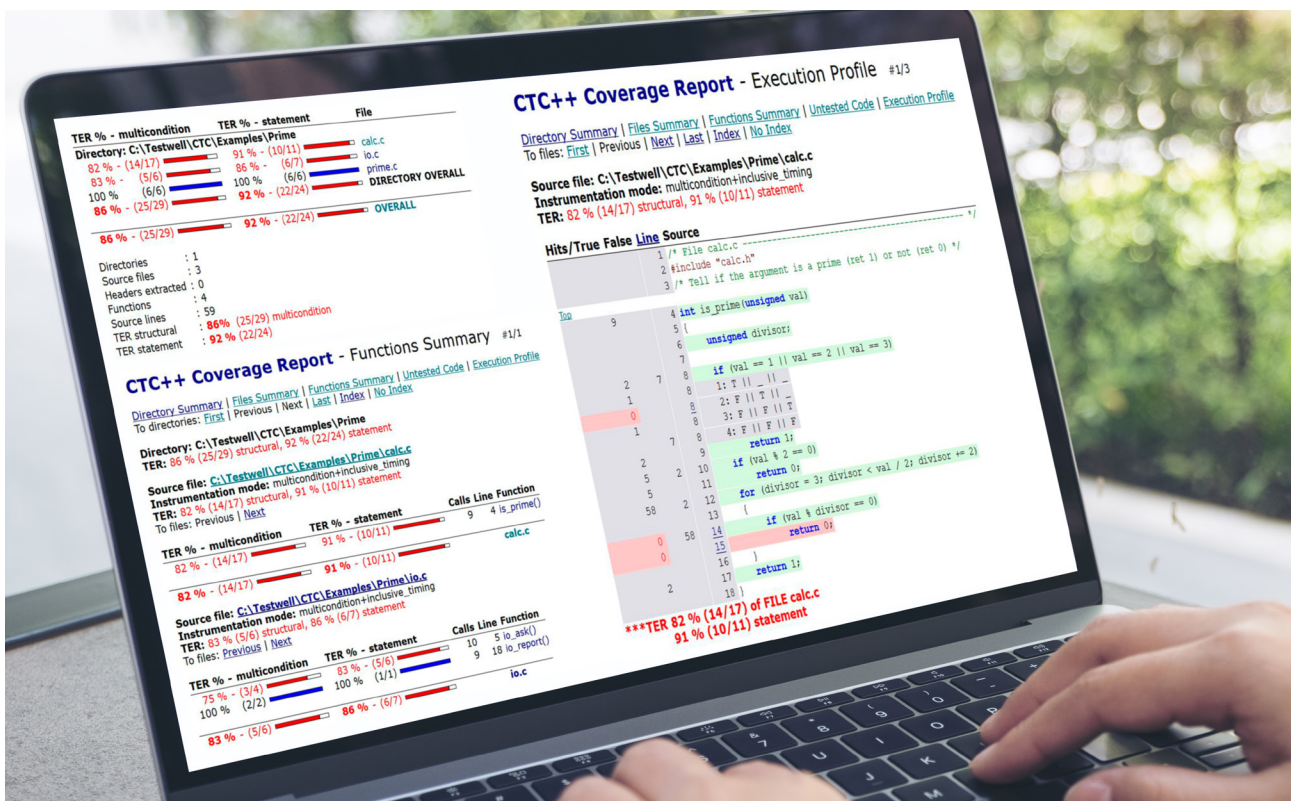
Language support

- ▶ Native languages: C and C++
- ▶ Add-Ons for Java and C#



Reporting

- ▶ Comprehensive HTML report
- ▶ Exchange formats like XML





Coverage Levels

- ▶ Statement Coverage
- ▶ Function Coverage
- ▶ Decision Coverage/Branch Coverage
- ▶ Condition Coverage
- ▶ Modified Condition/Decision Coverage (MC/DC)
- ▶ Multicondition Coverage (MCC)



Embedded Software

- ▶ Very small memory consumption
- ▶ Testing on every target
- ▶ With any cross-compiler
- ▶ Adaptable runtime



Desktop Applications

- ▶ Small impact on build performance
- ▶ Scalable for large projects
- ▶ Compiler independent
- ▶ Runtime for Windows, Linux, macOS



Qualification-Kit

Simplify all certification processes of your projects by using the Qualification Kit for Testwell CTC++. The following standards are supported by the Testwell CTC++ Qualification Kit:

- ▶ **DO-178C / ED-12C**
Software Considerations in Airborne Systems and Equipment Certification
- ▶ **IEC 61508**
Functional Safety of Electrical/Electronic Programmable Electronic Safety-related Systems
- ▶ **EN 50128**
Railway applications - Communication, signaling and processing systems
- ▶ **ISO 26262**
Road vehicles - Functional safety
- ▶ **IEC 60880**
Nuclear Power

Qualification Kit for Standards:

DO-178C - IEC 61508 - EN 50128 - ISO 26262-IEC 60880



Testwell CMT++ and Testwell CMTJava

Software complexity analysis for languages C, C++, C# and Java

Testwell CMT++ and Testwell CMTJava are tools for analysing complexity of C, C++, C# and Java source code. Both tools analyse source code and inform you immediately about the current internal quality of your software product, even those with large project sizes. Avoid software erosion by achieving a good internal code quality and see how maintainability and testability will be significantly improved.



Complexity Analysis

- ▶ McCabe Cyclomatic Complexity
- ▶ All Lines-of-Code Metrics
- ▶ All Maintainability Indexes
- ▶ All Halstead Metrics

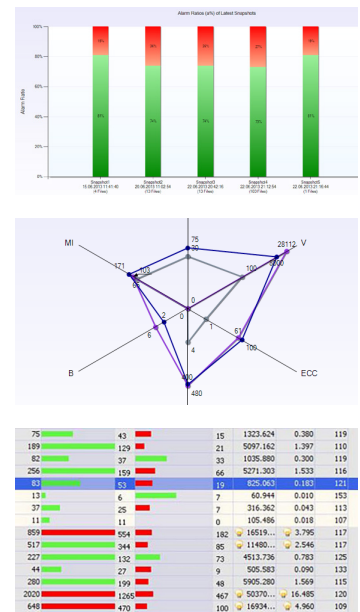
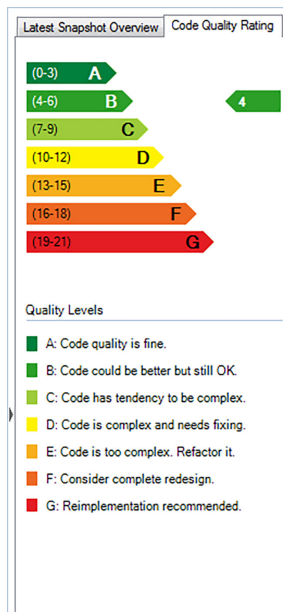
The complexity of your source code has great impact on robustness and error-proneness of your software products. Complex code is hard to test, is expensive and challenging to maintain. Reduce these costs by examining the complexity of your source code.



Graphical Add-on for Testwell CMT++

Verybench for CMT++ is a graphical front end for Testwell CMT++. It enables you to examine, evaluate and document your source code's quality graphically in a standardised user interface.

- ▶ Alerts for Metric Outliers
Verybench displays all alarms which have been defined for metric outliers within Testwell CMT++.
- ▶ Snapshots
Verybench creates a snapshot for every performed complexity analysis, therefore capturing your entire source code's quality over time.
- ▶ Quality-Baseline
All snapshots created over time from a single Quality Baseline in order to assist you in understanding your software's complexity in-/decrease.



Our references

More than 700 customers all over the world

Hundreds of global corporations, medium-sized and small companies all over the world are using our tools to increase their productivity and quality of their software.



Verifysoft TECHNOLOGY

Verifysoft Technology GmbH is a vendor and value-added reseller of software testing and analysis tools. We provide global corporations, medium-sized and small companies with software testing tools, expert advice, support and customisation services.

Verifysoft Technology GmbH was founded in 2003. The company is located in Offenburg, south west of Germany, close to the French border.

Our international team of experts provides advice and assistance to customers all over the world. Our engineers have extensive experience in software testing.

Find software defects and problems before your customers do. Enhance your software quality with tools from Verifysoft Technology.



In addition we organize seminars regarding software testing and software quality.

More information and more about our tools at www.verifysoft.com

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