

# Testwell CMT++ and Testwell CMTJava

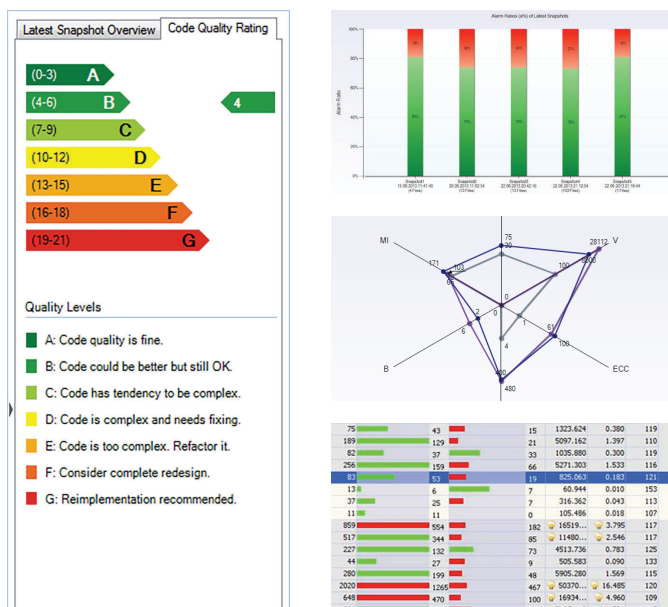
Software complexity analysis for languages C, C++, C# and Java

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.

- ▶ **Code-Quality-Rating**  
Verybench evaluates your source code after each complexity analysis, giving you an accurate representation of the current code complexity instantly.
- ▶ **Reports**  
Verybench helps you to document your quality examinations by providing easy to read reports in formats such as PDF-, HTML-, XML-, CSV- and text.