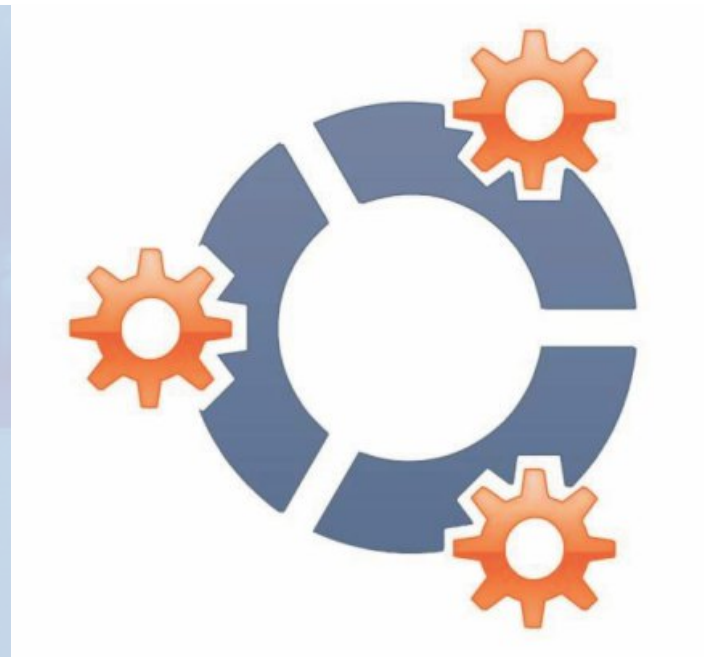


Static Analyzer-CodeTrax

Static Analyzer-Metrics

Analyze and verify your code



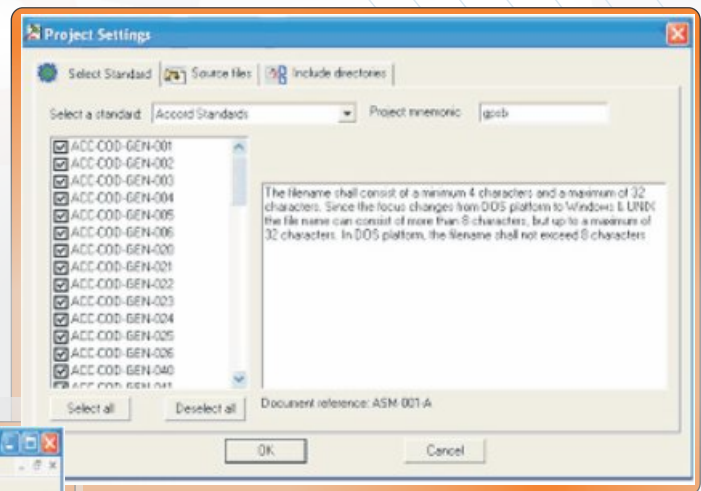
Product Overview

The goal is to enforce uniform coding habits among software personnel in the engineering department so that reading, checking and maintaining code written by different people becomes easier. CodeTrax can also be used to identify subtle programming errors. Software developers, testers, reviewers as well as quality personnel can use CodeTrax to ensure compliance with coding standards. The tool automates the code review process and reduces the effort and resources required. CodeTrax allows the user to benchmark the code developed in C against user defined coding standards. This product can be used any time during the project life cycle. However the best use of this product is from the start of the coding phase and while performing static analysis.

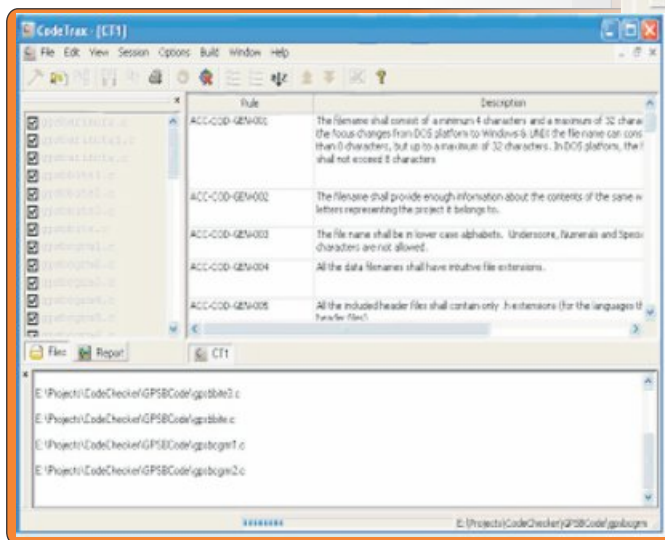
Benefits

Reduction in time and resource required for code review process.

Consistent and consolidated report indicating compliance/non-compliance of the code against the standards.



Project Configuration



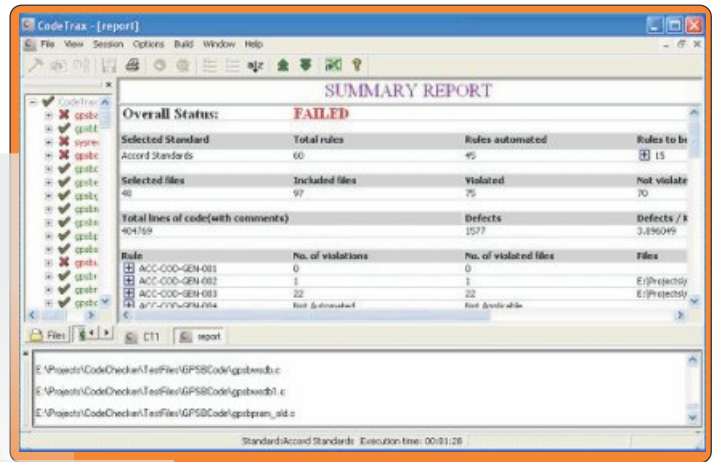
Project Execution

Features - CodeTrax

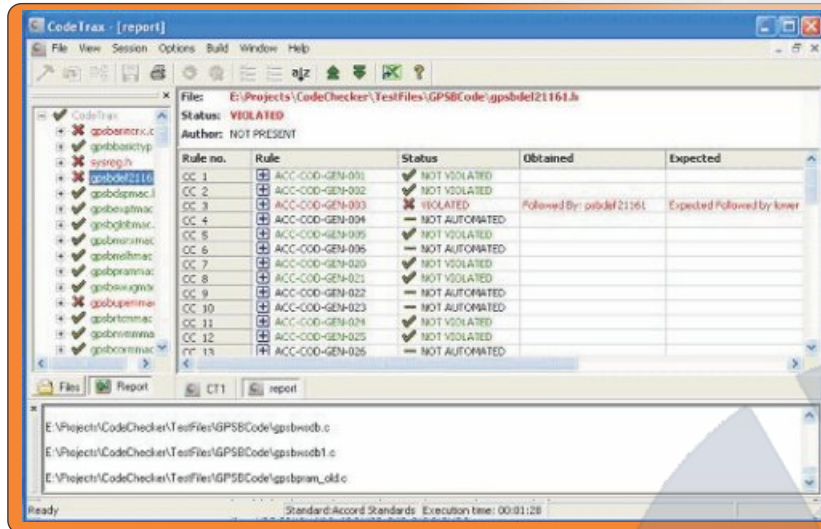
- ✦ Supports over 250 C Rules
- ✦ Easy to configure user defined standard
- ✦ Project creation to associate a set of the files with a configuration
- ✦ Simple and intuitive GUI with in-built editor
- ✦ Selection of only automated rules
- ✦ Quick reference of rule description
- ✦ Summary report
- ✦ Detailed report with colour code indicating the compliance/non-compliance of code against the standard.
- ✦ Provision to export the results to Excel

Features - Metrics

- Halstead code complexity
- McCabe code complexity
- Data Dictionary
- File level metrics
- Function level metrics
- Macro reference
- Function Call Graph
- Include File Reference
- Provision to export the results to Excel



Consolidated Report



Detailed Report

To Run Code Trax, you need :

- WINDOWS 98/XP/NT/2000/VISTA
- Processor : Pentium 3 and above
- Speed: 2 Ghz
- Memory: 256 MB
- Hard Disk : 500 MB Free Space
- Compiler: GCC 2.95.X-4.I.



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