

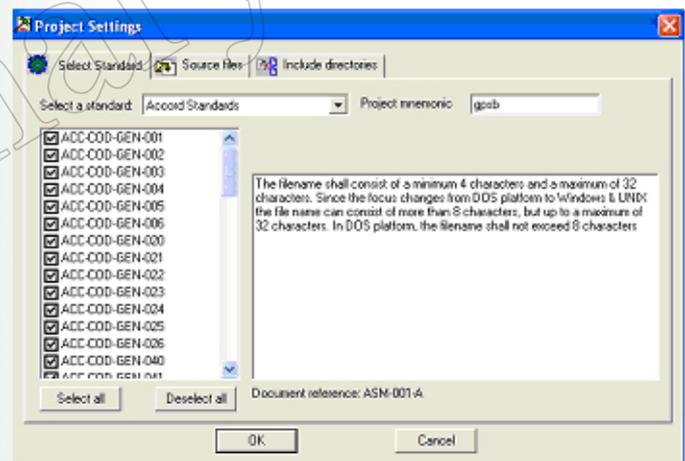
Product Overview

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.

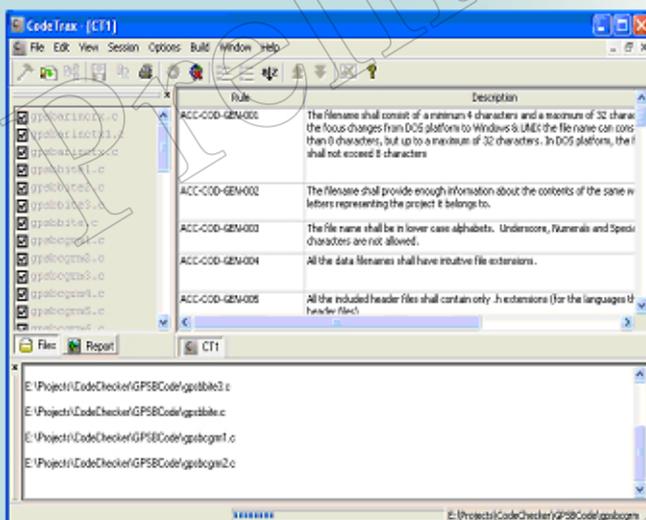
Benefits

- ✱ 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



To run CodeTrax, 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-4.1.x

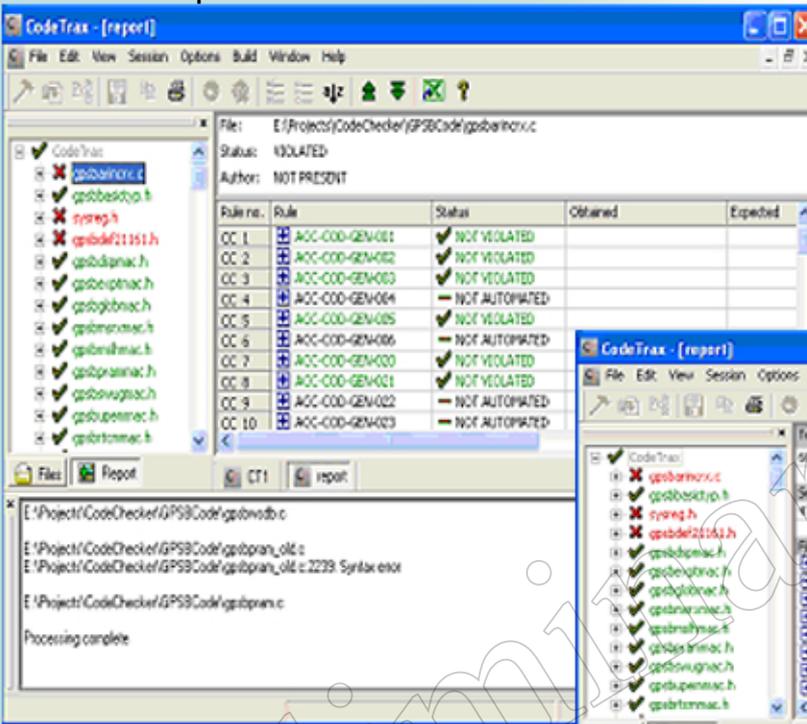


CodeTrax

Product Features

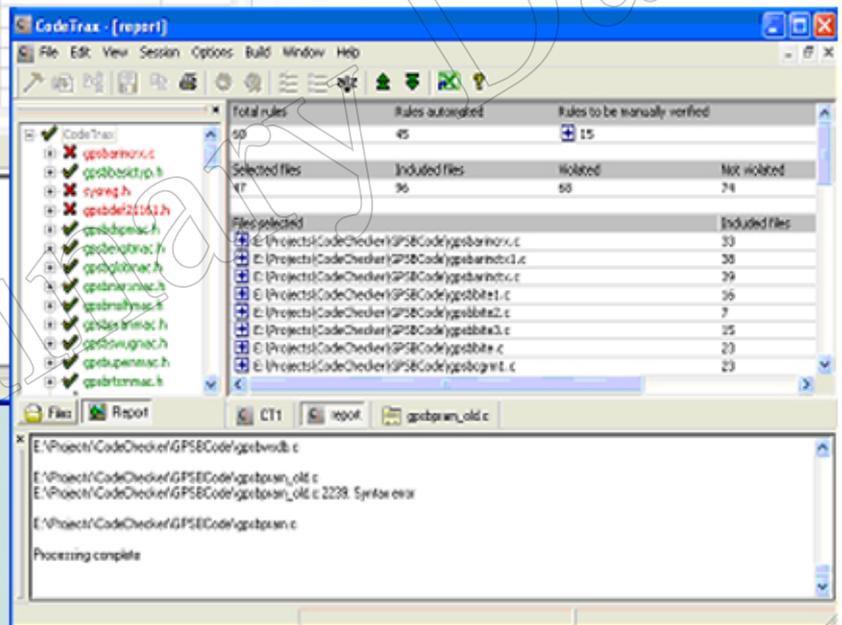
- Supports over 200 C rules
- Intuitive user interface
- Easy to customize user defined standards
- Summary report of the compliance/non-compliance of the code against the standards
- Detailed report with color code indicating the compliance or non-compliance
- Provision to save the report into single consolidated excel file or multiple excel files

Detailed Report



- Halstead code complexity
- McCabe code complexity
- Data Dictionary
- File level metrics
- Function level metrics
- Macro reference

Consolidated Report



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