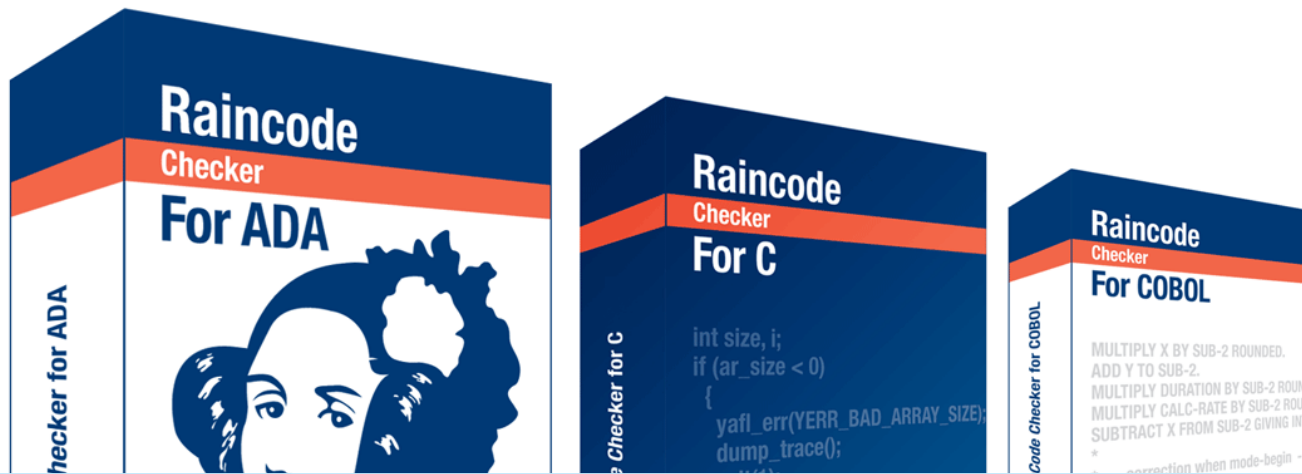


RainCode Checker v2.00



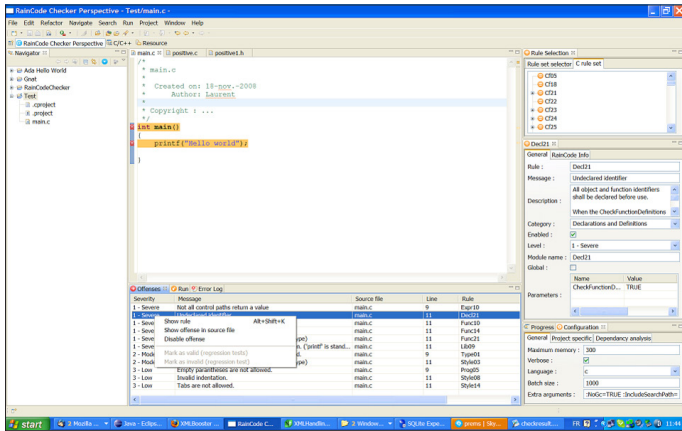
The RainCode Checker ensures that coding standards are followed consistently in software development projects. Enforced coding standards reduce total costs over the software development lifecycle. It can be used during development by the programming team, at delivery time by the acceptance and quality control team, or both. The RainCode Checker is available for C, C++, Ada and COBOL.

Standards & Customization

The RainCode Checker implements the de facto standard coding guidelines (MISRA C 1998, MISRA C 2004, MISRA C++). It also provides a wealth of additional rules reflecting our extensive experience with coding style enforcement, ranging from naming conventions and structural compliance to sophisticated semantic rules requiring global analysis on your system. The RainCode Checker is also extensible, where rules can be added or modified by the user.

<http://www.raincode.com>

Eclipse plugin



The RainCode Checker user interface is provided as an Eclipse plugin, to be used from within your usual development environment or as a standalone application. It is thus available on every mainstream platform today.

When used from within Eclipse, a number of functions are available at your fingertips, including:

- » Checking a set of files
- » Displaying statistics about the checking campaigns you have performed in the past
- » Exporting reports of compliance failures
- » Managing the rules and associated regression tests
- » Locally disabling a rule

The checker can also be used as a command line tool, for unattended batch processing.

Persistence

Persistence of the compliance analyses is provided by a relational database (Sqlite, MySql and Oracle are supported). The results of multiple checking campaigns, by one or more users, can be accumulated, and analyzed using ad hoc query tools. Such queries can be used to establish trends, to evaluate whether overall quality is improving or decline, or to provide any required metrics.

The original statistics are recorded in complete detail in a properly normalized data model. Even the most sophisticated questions regarding your coding guidelines compliance over time can be answered easily and accurately in a matter of minutes.

Export & Reports

The RainCode Checker generates PDF reports which contain the compliance failure details. Summary tables are also produced, including aggregated statistics such as the number of compliance failures per rule, per severity, and per source file, and other relevant indexes such as the number of disabled compliance rules.

The RainCode Checker can also be used to export these data to Excel.

Supported platforms & languages

The RainCode Checker is available for:
Ada | C | C++ | COBOL (including SQL, CICS and IDMS extensions)
on Windows/XP, Windows Vista, Linux or any commercial Unix flavour.



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