

# [2017-07-19] Change Log

- CQM (v1.2.10) and Kiuwan Engine (master.p455.q7112.a1705)
  - New Cobol Rules
  - Improvements in Kiuwan Engine (master.p455.q7112.a1705)
- Privileges to access Kiuwan Messenger
- Filters now apply to CSV and PDF reports
- New look and feel in PDF Kiuwan reports

## CQM (v1.2.10) and Kiuwan Engine (master.p455.q7112.a1705)



A new Kiuwan's CQM version (v.1.2.10) is available.

Basically, v1.2.10 contains **new rules for SQL embedded in Cobol programs**.

If you are using CQM, these new rules are active and will be applied to new analyses.

If you are using your own *custom model*, you can activate them in case you want to be applied to your code.

**In order for these new rules be applicable, your Kiuwan account must allow for automatic engine upgrade.** Unless you have blocked Kiuwan Engine, Kiuwan Local Analyzer will automatically upgrade it to the last version once a new analysis is run.

You can find new rules by comparing v1.2.10 of CQM against previous version. A detailed description of the behavior of these new rules is available in rule's description.

### New Cobol Rules

Support to Cobol has been improved with *new rules specifically targeted to embedded SQL in Cobol programs*.

Below you can find codes of new rules:

- OPT.COBOLE.SQL\_COBOLE.PreferOnOverUsing
- OPT.COBOLE.SQL\_COBOLE.AvoidNonQualifiedJoins
- OPT.COBOLE.SQL\_COBOLE.DetectImplicitJoins
- OPT.COBOLE.SQL\_COBOLE.AvoidUnion
- OPT.COBOLE.SQL\_COBOLE.AvoidTooManyJoins
- OPT.COBOLE.SQL\_COBOLE.AvoidQueriesOnManyTables
- OPT.COBOLE.SQL\_COBOLE.AvoidNestedSelects
- OPT.COBOLE.SQL\_COBOLE.AvoidCorrelatedSubSelects
- OPT.COBOLE.SQL\_COBOLE.UseTheAsKeyword
- OPT.COBOLE.SQL\_COBOLE.AvoidNumericReferencesInByClauses

### Improvements in Kiuwan Engine (master.p455.q7112.a1705)

New Kiuwan engine contains enhanced versions of parsers and rules:

- Enhancements in *parsers*: ABAP, Objective-C, COBOL-DB2, OracleForms, VB6, ActionScript, C/C++, ASP.NET, Python, PHP, JSP, RPG, and Natural
- Bug fixing, performance and reliability issues in Java, C/C++ and JSP *rules*
- Documentation improvements for Security, Java and Python rules

### Privileges to access Kiuwan Messenger

In-app access to Kiuwan Support (through Kiuwan **Messenger**) has been modified so *the account owner can fully control who get access to it*.

- *Support access is restricted to owner and admin users and a number of users (3 max by default).* Account owner and admin users will always have privilege to Messenger access. Additionally, access can also be granted to other users (up to 3) in *User management* section of your account.
- This access privileges will be applied to new accounts from now on. If you need to grant access to more users than the default (3), please contact your Kiuwan account representative.

- For existing accounts, by default only owners and admins are granted to access Messenger. If you are the owner or admin, please review your account to grant support access to any other users who can need it.

## Filters now apply to CSV and PDF reports

Whatever filters you use in Kiuwan dashboards, those *filters will be applied when you export to CSV and PDF* (defects, action plans, rules, etc.).

In other words, displayed and exported list of records will be coincident.

If you are experiencing problems with CSV import into Excel, please read [Cannot import CSV Kiuwan reports into Microsoft Excel](#)

## New look and feel in PDF Kiuwan reports

PDF reports have been redesigned with a *new Look and Feel*.

Content of the reports have not been changed, so you will find all the information as before.