COBOL analyzer
Revision History

Welcome to COBOL analyzer.

1.2.4 (2023-07-23)

Fix: Minor fix to copybooks that are not used

1.2.3 (2023-07-09)

Improvements of copy and call detection

1.2.2 (2023-07-04)

Convert filenames to uppercase and add .lib as copyfile

1.2.1 (2023-06-20)

Fix: Access violation when trying to Rebuild Database.

1.2.0 (2018-01-01)

COBOL analyzer has become a commercial product.

€100 Lifetime Price

Prices do not reflect bulk pricing. Bulk discounts are approximately 10% of quantities of 2-4, 25% for quantities of 5-9, and over 30% for quantities over 10.

1.1.2 (2015-01-26)

Minor GUI improvements.

1.1.1 (2015-01-11)

Added check for duplicate copybooks with identical names.

1.1.0 (2015-01-02)

Fix: Minor fix to the obsolete copybook check.

1.0.9 (2014-12-31)

Added copybooks not used feature.

1.0.8 (2014-12-28)

Added a print option to the result data view.

1.0.7 (2014-02-09)

Changed the selection of database type an added a bitmap for each type.

1.0.6 (2014-01-20)

Removed the buttons from Analysis page (obsolete)

1.0.5 (2014-01-14)

Fix: Tuning SQLite that was very slow, now it runs 100 times faster!

1.0.4 (2014-01-11)

Tried to make it simpler to use different database protocols, saving parameters separately for each database driver. Showing record count for each search in the Analysis page.

1.0.3 (2014-01-08)

Fix: The new columns was not showing in the Analysis page.

Rearranged the page for better search.

1.0.2 (2014-01-02)

Added line number to where the copybooks are inserted in the main program

Added type of copybook (EXEC SQL INCUDE or COPY).

1.0.1 (2013-12-29)

Added an Analysis page where you can see dependencies without a SQL tool.

1.0.0 (2013-12-26)

First release.

About:

COBOL analyzer is written by Stefan Bodingh.
If you have suggestions on how to improve the program, then please contact Stefan Bodingh. If you find errors, please send the source file that caused the error. The minimum Windows version supported is Windows Vista.

COBOL analyzer is intended for **Fixed Format only**.

Key features:

It is now possible that in a simple way to do a Dynamic Dependency Analysis of COBOL Systems and view program flow – what programs are called by what programs.

This tool allows the user to identify the programs using a particular copybook/subprogram or what copybooks/subprograms are used by particular program.

Which main programs call subprogram ABC?

Which COBOL programs are using copy member ABC?

You can check if you have copybooks that are not used; the tool does not however check nested copybooks. Check for duplicate copybooks with identical names.

The COBOL analyzer Dictionary has a process that examines all of the source code and copybooks for a given selection of directories. The code is examined to build a database describing the source code at a low level. You can choose between Oracle (XE) or SQLite.

COBOL analyzer program is bundled with SQLite. If you choose Oracle, you will have to install it yourself.

There are free table tools that you can use to run your own queries on the database. For SQLite you can use Sqllite Manager Firefox Plugin or many others. For Oracle you have SQL Developer.

StartDir:

This text entry field points to the top directory tree in which all the COBOL programs are held. Program source files should have an extension of (**.pco .cob .cbl**) in order to be recognized by the COBOL analyzer and library (Copybook) source files should have an extension of **.cpy** to be recognized.

Rebuild Database button

This button will cause the complete rebuild of your COBOL analyzer Dictionary database. Depending on how many entities there are in your COBOL input directories, this can take some time as the all code is compiled and the structures are examined to build the database.