Verifysoft TECHNOLOGY

Ctc2cob is a **Testwell CTC++ Add-on** that is easy to use and allows you to translate Testwell CTC++ XML Reports into Cobertura-like XML Reports. Thanks to ctc2cob you can integrate your Testwell CTC++ reports in almost any CI server that supports Cobertura.

Ctc2cob works for any XML Reports generated by Testwell CTC++: **any coverage level** requested, and also **any language**.

Ctc2cob is **easy to use**:

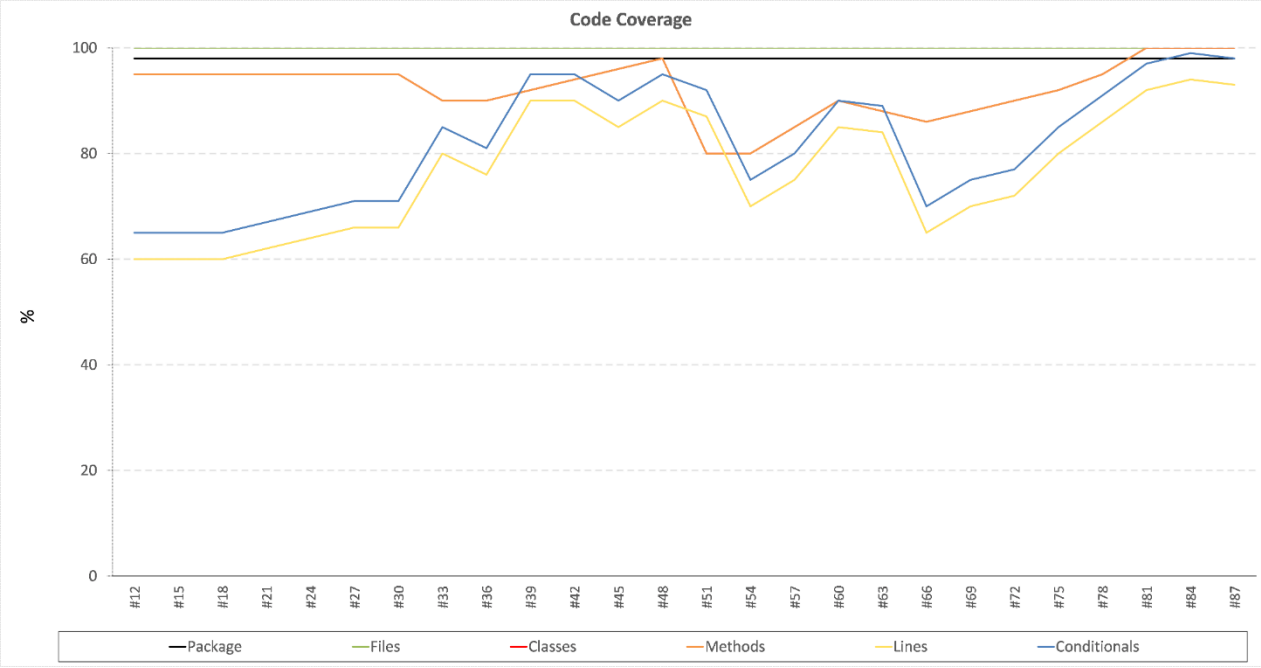
- No source code modifications
- No Testwell CTC++ test results modification
- Fast execution speed
- Easy integration in your CI server
- Dig up to method coverage
- As easy as a double click to install
- For our Linux fans
  > sudo make install

Ctc2cob is powered by JDom, although it implements a DOM model, it is fairly easy going on the RAM, for example ctc2cob needs around 0.9G RAM to parse 1.6 Million lines of XML Reports. This corresponds to 1/1.5 Million statements. This transformation is done in about 3 minutes for such a document, so that it doesn't slow down your build process.

We tested ctc2cob with the git project that is available on GitHub: a normal build takes about half an hour and the ctc2cob execution takes 15 to 30 seconds, great stats for such a **useful tool**!

Ctc2cob allows you to use the Cobertura Plug-In on your CI server, the plug-in displays a **graph of code coverage evolution** during the successive builds.

For example on Jenkins you can see Packages, files, Classes, Methods, Lines (here statements) and Condition coverage percentage:



This graph allows you to rapidly notice if the tests you wrote pass or not, or if you are in a **TDD environment**, to know if the code you wrote passes the tests.