

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

Project Coverage summary

Name	Packages	Files	Classes	Methods	Lines	Conditionals
Cobertura Coverage Report	100%	99%	98%	94%	88%	77%

Coverage Breakdown by Package

Name	Files	Classes	Methods	Lines	Conditionals
.	99%	99%	90%	81%	78%
build	97%	97%	92%	86%	76%
comcast	50%	50%	20%	12%	11%
esb	100%	100%	70%	51%	48%
lib	100%	100%	98%	88%	78%
scs-lib	100%	100%	50%	85%	73%
test	100%	100%	96%	88%	78%

Package

Package Coverage summary

Name	Files	Classes	Methods	Lines	Conditionals
.	99%	99%	90%	80%	78%

Coverage Breakdown by File

Name	Classes	Methods	Lines	Conditionals
abspath.c	100%	100%	82%	68%
absobj.c	100%	100%	93%	72%
absobj.h	100%	100%	69%	64%
absobj.o	100%	70%	82%	80%
absobj-test.c	100%	100%	89%	82%
absobj-test.h	100%	100%	95%	82%
absobj-test.o	100%	100%	91%	80%
absobj-test2.c	100%	100%	89%	79%
absobj-test2.h	100%	100%	98%	94%

File

File Coverage summary

Name	Classes	Methods	Lines	Conditionals
abspath.c	100%	100%	82%	68%

Coverage Breakdown by Class

Name	Methods	Lines	Conditionals
abspath.c	100%	82%	68%

Class

Class Coverage summary

Name	Methods	Lines	Conditionals
abspath.c	100%	82%	68%

Coverage Breakdown by Method

Name	Lines	Conditionals
absobj_method	100%	100%
absobj_method2	100%	100%
absobj_method3	100%	100%
absobj_method4	100%	100%
absobj_method5	100%	100%
absobj_method6	100%	100%
absobj_method7	77%	60%

Method

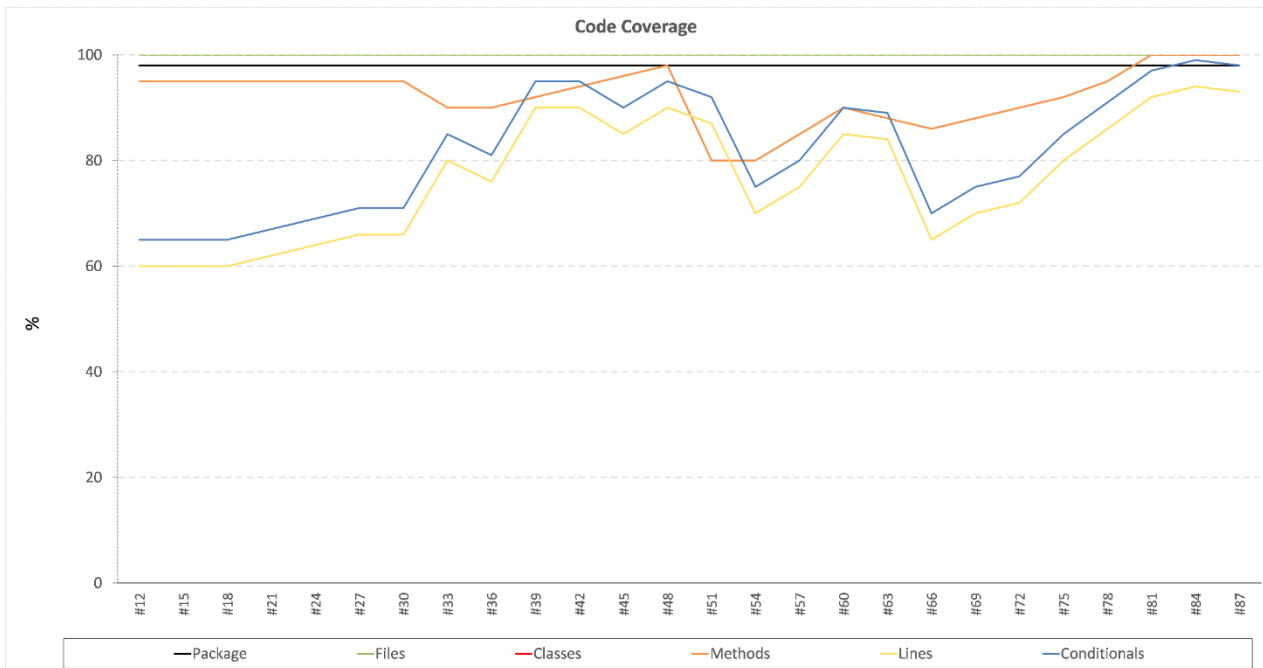
Ctc2cob is powered by JDom, although it implements a DOM model, it is fairly easy going on the RAM, for example ctc2cob needs around 0.9G RAM to parse 1.6 Million lines of XML Reports. This corresponds to 1/1.5 Million statements. This transformation is done in about 3 minutes for such a document, so 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.