Some facts

Cobertura

ⓘ Mostly written in Java
✓ Mature, well-established codebase
⚠ Average number of code comments
⚠ Decreasing Y-O-Y development activity
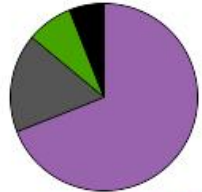🛇 No recent development activity
ⓘ 0 active contributors

Commit Activity Timeline:

5 year commit count

Updated Oct 06, 2017   more at **Open Hub**

Languages

Java	69%
XML	17%
HTML	8%
6 Other	6%

Cobertura Updated Oct 06, 2017   more at **Open Hub**

Cobertura 2.1.1

Cobertura is a free Java tool that calculates the percentage of code accessed by tests. It can be used to identify which parts of your Java program are lacking test coverage. It is based on jcoverage.

For more information:

>> [Release Notes](#)
>> [How to contribute?](#)
>> [Execute via Ant](#)
>> [Execute via Command Line](#)
>> [Execute via Maven](#)
>> [License](#)
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>> [Roadmap](#)
>> [Support](#)

https://github.com/cobertura/cobertura#changelog

eclipse1_changes.zip   ^   Show all   ×

cobertura-report

We're not finished yet. The report has to be generated. Execute the following command to generate a report:

```
cobertura-report –format html –destination c:\temp\cobertura –source src\main\java
```

Now there should be a nice site in c:\temp\cobertura

It is possible to include multiple source directories. You can do this by adding `â€"-source link\to\dir` to the existing command.

Conclusion

Cobertura is a very nice tool that really helped me improve the quality of my code. It is nice to see the green bars grow .
I really look forward to the Maven2 and Eclipse plugin. But for now
this short list of commands will do the trick for any Maven2 project:

- del *.ser
- mvn clean
- mvn test
- cobertura-instrument target\classes\.
- mvn test
- cobertura-report –format html –destination c:\temp\cobertura –source src\main\java
- mvn clean

Alternatives

Emma

Clover (commercial) Clover has plugins for Jdeveloper, Eclipse, Netbeans, IntelliJ IDEA and Jbuilder

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Sources

http://www-128.ibm.com/developerworks/java/library/j-cobertura/

WordPress.org

eCobertura by jmhofer

Eclipse Plugin for Cobertura. Java code coverage integrated into the IDE.

Install

Simply point Eclipse to this **Eclipse Update Site** (requires Eclipse 3.5+):

http://ecobertura.johoop.de/update/

Launch

- Open the Coverage Session View (under "Window", "Show View", "Other...", "Cobertura".
- Select the application or test to run.
- Select the respective "Cover As..." command from the main menu, context menu or toolbar button.
- Optionally, you can define class and package coverage filters in the launch configuration (under the tab named "Filters").

Analyze

- Source code lines in source editors are green or red depending on whether they were covered or not.
- Browse the coverage session tree view for detailed information.
- Click the column headers to sort the tree table.
- Jump from the classes in the tree view to their respective source editors.

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Maven + Cobertura code coverage example

By mkyong | January 14, 2014 | Viewed : 112,978 times +439 pv/w

Packages

All
com.mkyong.testng.project.order

Coverage Report – com.mkyong.testng.project.order.OrderSaveException

Classes in this File	Line Coverage		Branch Coverage		Complexity
OrderSaveException	66%	2/3	N/A	N/A	1

```
1    package com.mkyong.testng.project.order;
2
3    public class OrderSaveException extends Exception{
4
5            private static final long serialVersionUID = 1L;
6
7 0          public OrderSaveException(){}
8
9          public OrderSaveException(String message){
10 2                super(message);
11 2          }
12
13    }
```

com.mkyong.testng.project.o

Classes

Order *(71%)*
OrderBo *(71%)*
OrderNotFoundException *(66%)*
OrderSaveException *(66%)*
OrderUpdateException *(0%)*

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Mkyong.com

Cobertura is a free Java code coverage tool – calculates the percentage of code accessed by unit tests. In this tutorial,

Waiting for analytics.carambo.la...

Cobertura code coverage report for your project.

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How do I generate a Cobertura test coverage report for a site?

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17. Search (12)
18. Servlets (20)
19. Struts (1)
20. Text (19)
21. Tomcat (8)

How do I generate a Cobertura test coverage report for a site?

Author: Deron Eriksson

Description: This maven tutorial describes how to generate a test coverage report for a site using the Cobertura Maven Plugin.

Tutorial created using: Windows Vista || JDK 1.6.0_04 || Eclipse Web Tools Platform 2.0.1 (Eclipse 3.3.1)

Page: 1 2 >

The Cobertura Maven s w Plugin is a cool plugin that analyzes how well your unit tests cover the code in your project source code. It can generate a code coverage report for your project documentation site if you add a cobertura-maven-plugin entry to the reporting section of your pom.xml.

section of pom.xml

```
<reporting>
    <plugins>
        <plugin>
            <groupId>org.codehaus.mojo</groupId>
            <artifactId>cobertura-maven-plugin</artifactId>
        </plugin>
    </plugins>
</reporting>
```

My project's complete pom.xml file is shown here. It includes some code to deploy to my Apache s w server using webdav.

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Getting Started with Code Coverage by Jacoco

Dr. Song Li, 24 Oct 2014

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This article presents an example Maven project to get started with unit test code coverage by Jacoco.

⬇ **Download the Maven project - 4.3 KB**

Introduction

This article presents an example Maven project to get started with unit test code coverage by Jacoco.

Background

cobertura / **cobertura**
forked from christ66/cobertura

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Command Line Reference

Steven Christou edited this page on Jul 26, 2013 · 2 revisions

Cobertura can be used either from the command line or via ant tasks. You can even mix and match the command line and ant tasks. This document describes how to use Cobertura from the command line.

Instrumenting

```
cobertura-instrument.bat [--basedir dir] [--datafile file] [--auxClasspath classPath] [--des
```

Note: Classes may be specified individually, or as a directory tree containing multiple classes.

Parameter	Required?	Description	Default Value
		Specify the base directory containing the	

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Coverage Report - All Packages

Package	# Classes	Line Coverage	Branch Coverage	Complexity
All Packages	38	50%	62%	1.078
net.jvw.fdb5	3	77%	91%	1
net.jvw.fdb5.logic	3	57%	73%	0
net.jvw.fdb5.lucene	2	45%	58%	0
net.jvw.fdb5.model	5	66%	80%	1.286
net.jvw.fdb5.model.ibatis	9	70%	N/A	1
net.jvw.fdb5.model.rss	1	69%	0%	1.222
net.jvw.fdb5.struts	13	21%	29%	1.571
net.jvw.taglibs.tooltip	2	0%	N/A	1.2

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BY **JEROEN VAN WILGENBURG** ON APRIL 7, 2006

JAVA, JAVA EE, SOFTWARE DEVELOPMENT, SOFTWARE ENGINEERING, TOOLS, WEB/JAVA

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eCobertura 0.9.8

eCobertura is a free Eclipse plugin for Cobertura - a Java code coverage reporting tool. eCobertura enables you to launch your applications or tests in... **more info**

by -none-, EPL

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