Code Coverage Revised

EclEmma on JaCoCo

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Untested Code is the Dark Matter of Software

Apparently because it makes up 90% of the software universe

Robert C. Martin
Live Experiment
Plug-in Testing

No more Workspace Rebuilds!
Intermediate Dumps

Incremental Code Coverage
Java Code Coverage

Since 2009
Requirements

A Library
Framework
Agnostic
Freaking Fast

Tested
Scalable
Integrations

Ant  Maven  Eclipse
Sonar  SBT  Aquillian
GUIDancer  IDEA
Looking for Student
JaCoCo Integration for
Hudson/Jenkins as GSoC Project

https://community.jboss.org/wiki/GSoC12Ideas
Java Byte Code Instrumentation

ALOAD probearray
ICONST probeid
ICONST_1
BASTORE
Java Agent

$ java -javaagent:jacocoagent.jar KillerApp
Fight Dark Matter in Your Software!

www.eclemma.org
Give Feedback on the Sessions

1. Try connecting to WIFI

2. Try opening www.eclipsecon.org

3. If it fails, try again. Try harder. Please!

Thank You