

CODE COVERAGE

Code Coverage helps identify dead code, frequently used code, and unloaded classes in your Java applications.

Class Coverage View lists all classes and the real-time test results for each class. You can see how many lines of code have executed, and you can apply filters to test only certain classes.

Real-time display of all classes and interfaces used by the tested program and real-time percentage of lines covered per class.

Method Coverage View displays the source code for methods in a selected class, as well as statistical information about the number of times your method was called while your test application was running.

Source Code Viewer shows lines of code that have never been executed, making it easier to spot dead code.

Option to display the interfaces that have been loaded by the virtual machine and those that have not been loaded.

Batch-mode support to easily include code coverage in any batch-mode testing process.

AUDITS AND METRICS

Metrics evaluate object model complexity and quantify your code.

Metrics results can be viewed graphically in either bar charts or Kiviatic charts format.

Metrics can be used to create reports and compare the overall impact of changes in a project.

Audits provide information on design issues, naming conventions, and other items which can impact code quality.

Audit results can be displayed with descriptions of what each audit looks for and how to fix violations.

Includes a group of audits known as "Bad Smell Audits" that detect some issues or convention violations in source code (misplaced classes, attributes and methods, wrong inheritance usage), which require some code refactoring.

Create specific QA Sets for source code audits and metrics, and save them to a local file system, or as part of a project which can then be shared with the team.

REQUEST ANALYZER

Profile the performance behavior of your Java EE application code across the following Java EE components: JDBC, JSP, JNDI, Enterprise JavaBeans, and JMS containers.

Improve performance and reliability of Java EE-related application code earlier in development with drill-down performance information for Java EE components.

Visual interface simplifies the complexity of Java EE application interactions using graphical representation.

System Dashboard view provides a graphical display of the application time spent in Java EE components and total number of requests. Shows the percentage of use for each server module to quickly detect any major component-level performance issues.

System Composite view displays all of the Java EE events that have occurred in an application, in real time, in their proper hierarchy. Hierarchy shows the relationship of events in terms of which events spawn others.

SNAPSHOTS AND PROGRESS TRACKER

Snapshots capture all the data from a particular test run, which can then be opened for analysis in the product that generated it, such as Profiler, Code Coverage, or Request Analyzer.

Continuously monitor and measure the impact of performance changes by comparing visual snapshots.

Progress Tracker enables you to visually compare, monitor, and measure the impact of performance changes by comparing visual snapshots from Profiler, Code Coverage, and Request Analyzer snapshots.

Generate reports that can be exported in PDF and HTML format.

Download a Free Trial at www.embarcadero.com

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