

EclEmma Tutorial

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1. Installing EclEmma into Eclipse

- in Eclipse, Help menu--> Install New Software, Add button:
 - Name: EclEmma;
 - Location: <http://update.eclEmma.org>.
- Continue with the installation steps.

2. Using EclEmma in Eclipse

- See figure 1

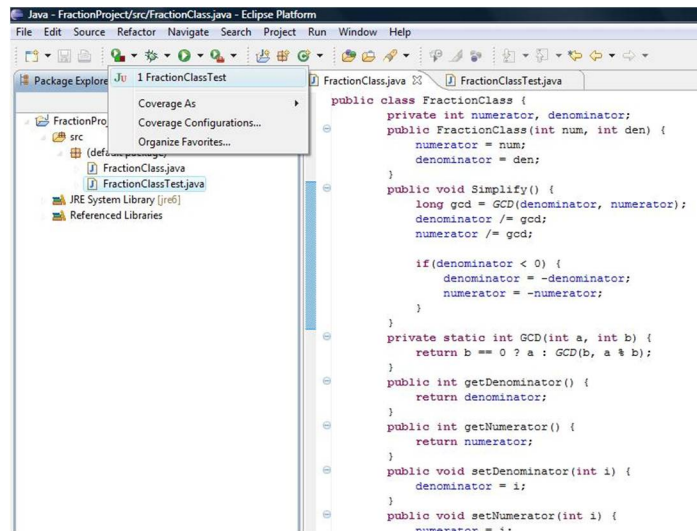


Figure 1. Using EclEmma in Eclipse for the current project

3. Running using EclEmma

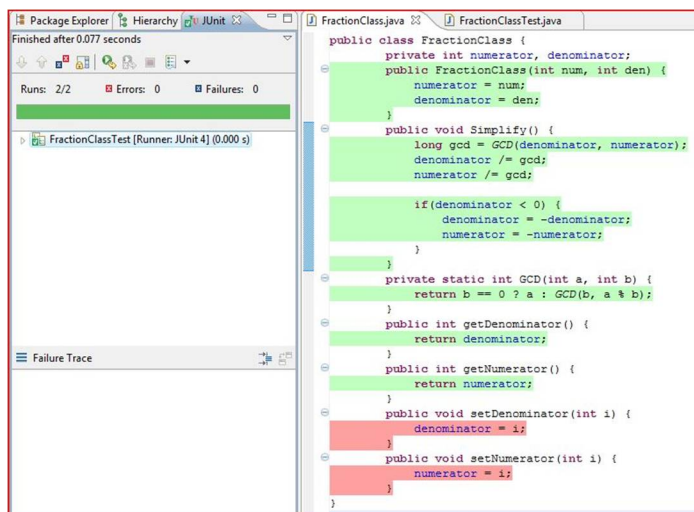
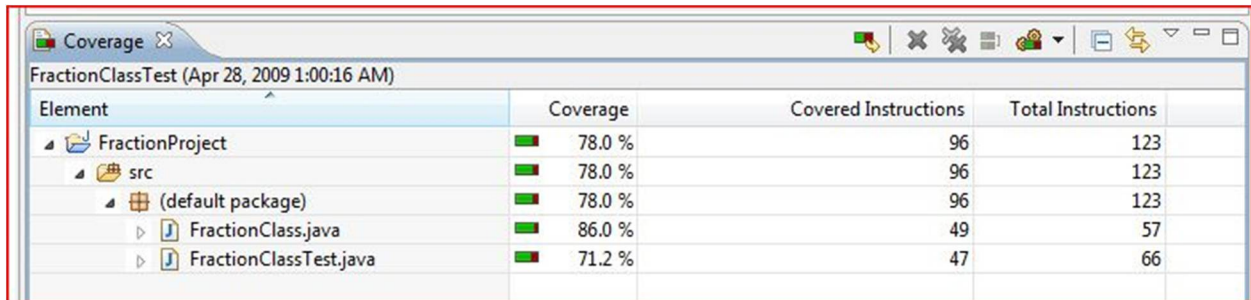


Figure 2. Running EclEmma in Eclipse for the current project

4. EclEmma - coverage

- in Eclipse, Run menu ---> Coverage... and choose the package that contains the Test Cases that will be run for computing coverage
- From window Coverage (newr Console) search the method from class FractionClass (see Figure 3) for which we compute the test coverage (using test cases based on source code)



The screenshot shows the Eclipse Coverage window titled 'FractionClassTest (Apr 28, 2009 1:00:16 AM)'. It displays a table with coverage data for the project and its components.

Element	Coverage	Covered Instructions	Total Instructions
▲ FractionProject	78.0 %	96	123
▲ src	78.0 %	96	123
▲ (default package)	78.0 %	96	123
▶ FractionClass.java	86.0 %	49	57
▶ FractionClassTest.java	71.2 %	47	66

Figure 3 Viewing the coverage using EclEmma for the class FractionClass