

Section Six – Using the Java Editor in Eclipse



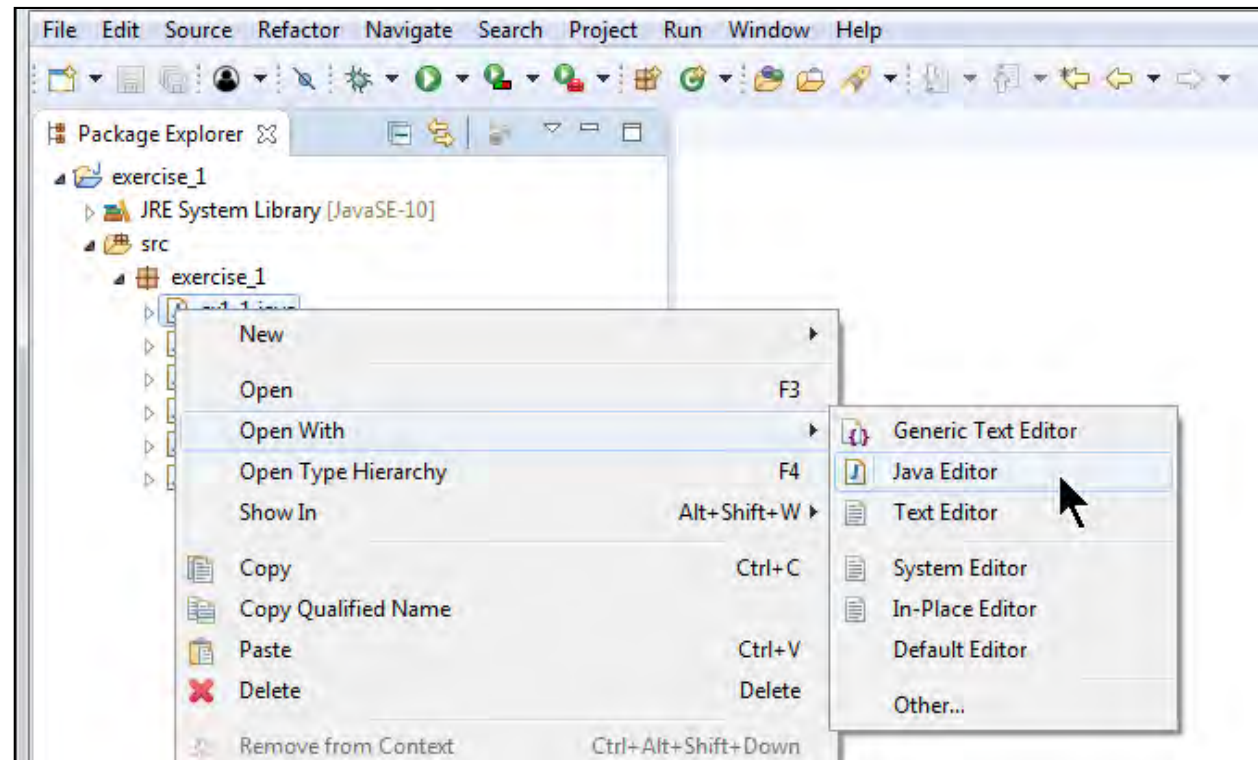
In this section the Developer will learn...
How to edit methods and classes in Eclipse

Using the Java Editor – Introduction



One of the main advantages when using Eclipse, is its very comprehensive hint and error handling within the Java Editor, this section breaks down the usage of the Editor.

By default double clicking on the class or method will open up the last Editor used, however a right click will allow the Developer to use *'Open with' ...*



Using the Java Editor – Introduction



The Java Editor will open the selected Java in a one of its tabs ...

```
ex1_1.java
1 package exercise_1;
2
31
32 public class ex1_1 {
33
34     public static void main(String[] arguments)
35     {
36
37         System.out.println("Hello");
38
39     }
40
41 }
42
```



Using the Java Editor – Folding

Note the plus and minus symbols to the left of the method declaration, this is the folding icon and when clicked will fold a block up, this is a very convenient option which allows the Developer to 'fold' up the code to help readability ...

```
ex1_1.java
1 package exercise_1;
2
31 +
32 public class ex1_1 {
33
34 -   public static void main(String[] arguments)
35     {
36
37         System.out.println("Hello");
38
39     }
40
41 }
42
```

Using the Java Editor – Folding



Running the mouse over a folded part of the code will give a temporary view of the 'fold' ...

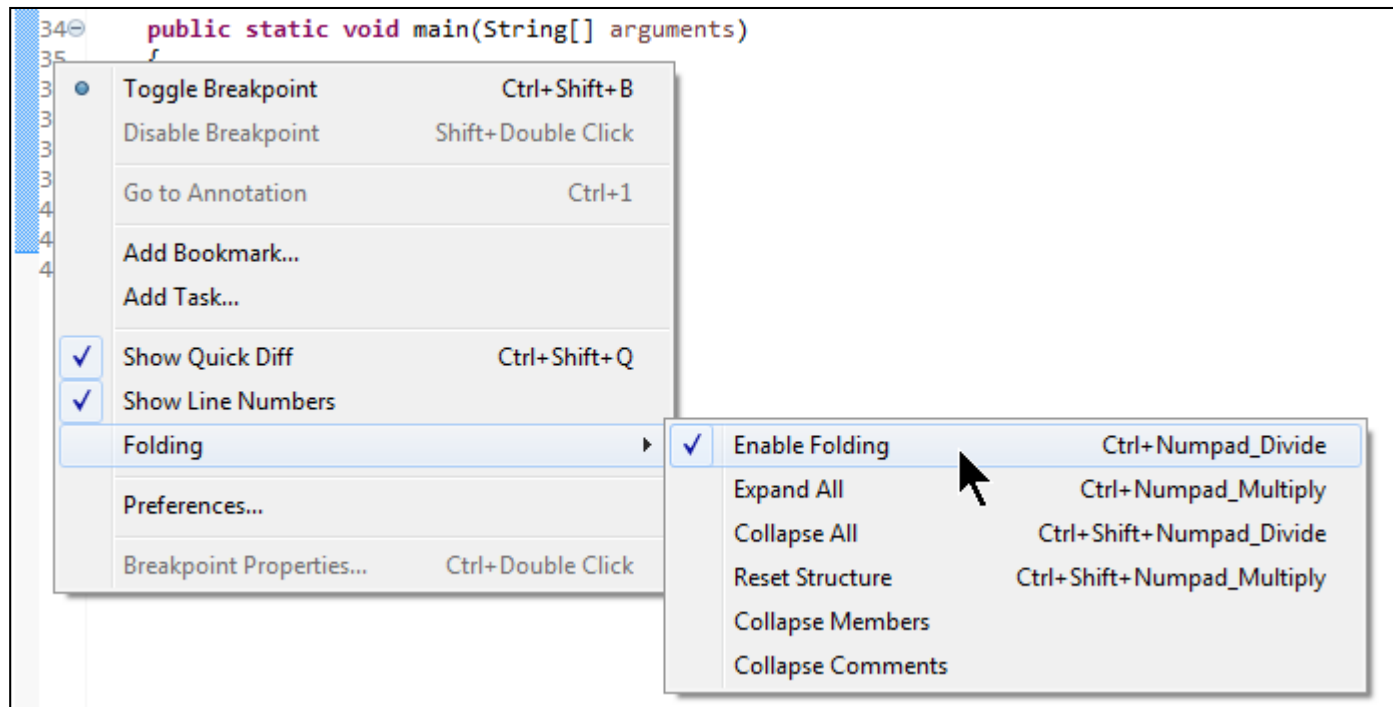
A screenshot of the Eclipse IDE showing a Java file named 'ex1_1.java'. The code is partially folded. A mouse cursor is hovering over the folded area, which has expanded to show a multi-line comment. The comment contains metadata such as filename, purpose, date, author, and version, along with a copyright notice for Seer Computing Ltd. The code visible includes a package declaration and the start of a comment block.

```
1 package exercise_1;
2
31
32 /**
33  <b>Filename:</b> ex1_1.java<br><br>
34  <b>Purpose:</b> First example for the delegates to compile and execute<br><br>
35
36  <b>Date:</b> 01 December 2018 <br><br>
37
38  <h3><b>Change Control</b></h3><br>
39
40  <pre><h4>Date    Author        Changes Made</pre>
41  <br>
42  <br>
43  <br>
44  <br>
45
46  <b>© Seer Computing Ltd</b><br><br>
47
48  All code contained in this file is the intellectual property
49  of Seer Computing.
50
51  <br>Please use and distribute it wisely.
52
53  @author Tom Ryan
54  @version 1.0
55
56  */
```



Using the Java Editor – Folding

If required the folding icon can be removed from, or added to, the Editor, the Developer will need to right click in the left hand margin



Using the Java Editor – Line Numbers



Line numbers in the Editor are very useful when identifying runtime errors and can be switched on/off using the same right click menu ...

