**SimplyHover**

**Improving Comprehension of else Statements**

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**Introduction:**

In large blocks of code, for the developer its got essential to make any maintenance in the large code. In particularly those that are governed by If-else statements, these large blocks of code increase the distance between the if and its else counterpart or the other dependent else statements . So this is very difficult to find the parts of If else statements means sometime there is the multiple page codes are coded by developer so there is a lot of difficulty facing by the developers to maintain the if else code means if the if is on the one page the else part may occurs on the different one so it became hard to find the if’s part. So this SimplyHover Tool is developed that helps to make maintenance easy specially for If-else statements. Its just easy to use tool and helped a lot developers its basically a plug-in make for the Eclipse IDE

**Important:**

SimplyHover’s importance is to when developers hover over else statements. Its great feature to compare of if statements to its else part in large code. It appears in the main toolbar for preferences.

**Methodology:**

We take an unsplitCurrent method of java from JEdit in which we have 3 else-statements occurred in large blocks of code for comprehending else blocks we used simply hover plug-in tool in Eclipse IDE that brings the if condition next to its else counterpart. simply hover presents to the developer to know hover over else the if conditions in their negated form and even lets him own simplification for that.

**Motivation:**

Best tool to get the else part of the if statement easily from the large code even it is occurred in the thousands of lines no matter which else part of which if statement. Now the developer can easily got that which else part is from which if statement by this amazing tool simply by hover feature.

**Result:**

This is the best tool for the developers to easily maintain the large code in which there is a lot of if else statements cause it helps to find the if statement’s else part easily simply by hover feature..