




## Navigation - A quick Reference

<b>1 NAVIGATION</b>	
<b>0</b>	
a	Click <TALL> at the bottom of the window to display the Quick Buttons.
<ul style="list-style-type: none"> <li>• Move cursor to next sentence</li> </ul>	Click <Sntnc ↓> or <Sntnc ↑> Quick Button
<ul style="list-style-type: none"> <li>• Goto Outer Indent</li> </ul>	Click <Outer> Quick Button to move the cursor to the outer indent level. Or use pull-down menu Goto→Outer Indent
<ul style="list-style-type: none"> <li>• Skip Deeper Indents</li> </ul>	Click <Skip ↑> or <Skip ↓> Quick Button. For example: <ul style="list-style-type: none"> <li>– to go from a function to the previous / next function</li> <li>– to go from a case to the previous / next case</li> <li>– to skip a whole loop or a compound-statement</li> </ul> Or use hotkeys “Ctrl+J” and “Ctrl+K”
<ul style="list-style-type: none"> <li>• Go from (, [, {, /* to matching ), ], }, */ and vice versa. Also from #if, to #else to #endif to #if</li> </ul>	Click <MtchPair> Quick Button Or Click  in the main toolbar
<ul style="list-style-type: none"> <li>• Goto Definition of a function or variable</li> </ul>	Place the cursor on the variable or function name Right click, then click ShowDefinition Or Click Goto→Definition or use F12 hotkey.
<ul style="list-style-type: none"> <li>• Goto Exact Declaration</li> </ul>	Place the cursor on the variable or function name Right click, then click ShowDeclaration Or Click Goto→Declaration or use Shift+F12 hotkey.
<ul style="list-style-type: none"> <li>• Goto a Recently Viewed Function</li> </ul>	Click on the <SwitchTo> tab of the Project Browse Window. double-click on the desired function name Or use pull-down menu View→Recently Visited Functions.
<ul style="list-style-type: none"> <li>• Goto Undeclared Objects</li> </ul>	Click <UDD ↓> Quick Button Or use pull-down menu Goto→Find Errors
<ul style="list-style-type: none"> <li>• Goto Unused Objects</li> </ul>	Click <Unused ↓>.Quick Button

<ul style="list-style-type: none"> <li>• Goto Unmatched Brace, else, /* or */</li> </ul>	<p>Click Goto→Find Errors→Unmatched else, (, /* etc. to go to an unmatched { or }, /* or */, or an "else" that has no "if"</p>
<ul style="list-style-type: none"> <li>• Next or Previous Function</li> </ul>	<p>Click &lt;Fun ↓&gt; or &lt;Fun ↑&gt; Quick Button</p>
<ul style="list-style-type: none"> <li>• Scroll Half Page Up or Down</li> </ul>	<p>Click &lt;ScrITop&gt;, &lt;ScrIMid&gt; or &lt;ScrIBot&gt; Quick Button</p>
<p>SEARCH &amp; REPLACE</p>	<p>You can search a word, an object, an expression or a regular expression. You can mark all those lines that contain a match</p>
<ul style="list-style-type: none"> <li>• Plain Text Search</li> </ul>	<p>To search for a whole word: place the cursor on a function name or identifier Click the  or  icons in the main toolbar</p> <p>Enter a search string in the search-panel in the main toolbar and press the Enter key. You can use the drop-down list associated with this search-panel.</p> <p>Or click "Find (Ctrl+F)" icon in the main toolbar or press Ctrl+F</p>
<ul style="list-style-type: none"> <li>• Object-wise Search</li> </ul>	<p>To search for an object as per the C/C++ scope rules: Place the cursor on the object you wish to search a) Click the &lt;Obj ↑&gt; or &lt;Obj ↓&gt; Quick Buttons Or b) Use the Find dialog (Ctrl+F) with Object mode.</p>
<ul style="list-style-type: none"> <li>• Lexical Search</li> </ul>	<p>To search for a sequence of tokens as per C/C++ lexical rules (ignore differences in amount of whitespace, match across line boundaries)</p> <ul style="list-style-type: none"> <li>– Use Ctrl+F to bring the Find dialog.</li> <li>– Set the mode to Lexical Search</li> <li>– Enter the search string</li> <li>– Set the Scope – File/Function/Selected text.</li> <li>– Click &lt;Find&gt;.</li> </ul>

- "where-modified" occurrences


Modified occurrences of an object are those occurrences where the object is being used on the left hand side of an assignment, or, contents of the object are being modified by passing the object as a reference to a function, or, the object is being subjected to pre or post increment or decrements.

To find all such occurrences of an object in the project

- Place the cursor on the desired identifier.
- Right-click, then click "Where Modified Occurrences".
- Or use pull-down menu Edit → Where Modified Occurrences

The search results are displayed in the output window.

You can float the Output Window or keep it in a docked state

You can view the results as a list or as a tree with 

- Regular Expression Search

- Use Ctrl+F to bring the Find dialog.
- Set the mode to Regular Expression Search
- Enter the regular expression in the "Search for" panel.
- Set the Scope – File/Function/Selected text.
- Click <Find>.

- MARK lines

To mark all lines that contain a match

- Use Ctrl+F to bring the Find dialog.
- Set the desired mode
- Enter the search string
- Set the Scope – File/Function/Selected text.
- Click <Mark All>.

To visit the marked lines, click <Marker ↑> and <Marker ↓> Quick Buttons Or use the Goto menu.

#### GREP (across files) and REPLACE


- Plain Text
- Object-wise Search
- Lexical Search
- Modified Object Search
- Regular Expression Search

Press "Ctrl+D" or click on  to display the GREP dialog.

- Set the Search Mode: Text, Lexical, Regular Expression, Object, Modified Object.
- Specify the search string into "Search For" panel.
- Specify the target folders: You can select one of CURRENT FILE, DESKTOP FILES, or PROJECT FILES, or, use the Browse button and select the folder.
- Click the <Perform> button.

The search results are displayed in the output window under the GREP tab.

You can float the Output Window or keep it in a docked state

You can view the results as a list or as a tree with 

<p>To Replace across files</p>	<p>In the GREP output window,</p> <ul style="list-style-type: none"> <li>• Click the Replace icon to bring the Replace dialog.</li> <li>• Specify the Replace By text.</li> <li>• Check/Uncheck the desired File Modification items.</li> <li>• Specify one of the Replace Occurrences option – “Current”, “All in current file” and “In all files”.</li> <li>• Click the &lt;Replace&gt; button.</li> </ul>
<p>Modified Lines</p>	<p>Crystal REVS keeps a record of modified lines across multiple edit sessions</p>
<ul style="list-style-type: none"> <li>• Highlight Modified Lines</li> </ul>	<p>To highlight modified lines: Select Goto→Modified Lines→Highlight Modified Lines.</p>
<ul style="list-style-type: none"> <li>• Visit Modified Lines</li> </ul>	<p>Click&lt; Mdfd ↑&gt; or &lt;Mdfd ↓&gt; Quick Buttons</p>
<ul style="list-style-type: none"> <li>• To clear the Modified lines record and start afresh</li> </ul>	<p>Click Goto → Modified Lines → Clear Modified Lines History of current file.</p>