# Registers view

The  Registers view of the Debug perspective lists information about the registers in a selected stack frame. Values that have changed are highlighted in the Registers view when your program stops.



### Registers view toolbar options

The table below lists the icons displayed in the Registers view toolbar.

| **Icon** | **Name** | **Description** |
| --- | --- | --- |
|  | **Show Type Names** | Displays the type, (such as **int**) beside each register value. |
|  | **Show Logical Structure** | Changes if logical structures should be shown in the view or not. |
|  | **Collapse All** | Collapses all the the currently expanded registers. |
|  | **View Menu > Layout** | Provides multiple layout options for the Registers view. |

### Registers view context menu commands

The Registers view context menu commands include:

| **Icon** | **Name** | **Description** |
| --- | --- | --- |
|  | **Add Register Group** | Open the **Register Group** dialog which allows you to define a register group that is shown in the Registers view. |
|  | **Assign Value** | Assigns a value to the selected register. |
|  | **Cast To Type...** | Open the **Cast To Type** dialog. |
|  | **Change Value...** | Open the **Set Value** dialog to change the selected registers value. |
|  | **Content Assist** | Opens a content assist dialog at the current cursor position. |
|  | **Copy** | Copies the currently selected text or elements to the clipboard |
|  | **Copy Registers** | Copies the register names and contents to the clipboard |
|  | **Create Watch Expression** | Converts the selected register into a watch expression. |
|  | **Cut** | Copies the currently selected text or element to the clipboard and removes the element. |
|  | **Disable** | Disables the selected register. |
|  | **Display As Array...** | Open the **Display As Array** dialog which allows you to specify the start and length of the array. |
|  | **Edit Register Group** | Open the **Register Group** dialog to edit the selected register group. |
|  | **Enable** | Enables the selected register. |
|  | **Find...** | Open the **Find** dialog which allows you to find specific elements within the view. |
|  | **Find/Replace** | Open the **Find / Replace** dialog. |
|  | **Format** | Select a format type. Choices include: BInary, Decimal, Natural, and hexadecimal. |
|  | **Max Length...** | Open the **Configure Details Pane** dialog to set the maximum number of characters to display. Default is 10000. |
|  | **Paste** | Paste the current clipboard content as text. |
|  | **Remove Register Group** | Removes the currently selected register group. |
|  | **Restore Default Register Groups** | Restores the original register groups. |
|  | **Restore Original Type** | Returns the selected register to the original type. |
|  | **Select All** | Select all the editor content. |
|  | **Wrap Text** | Activate to wrap the text contents within the visible area of the Details pane of the Registers view. |



[Debug information](http://docs.google.com/concepts/cdt_c_dbg_info.htm)



[Working with registers](http://docs.google.com/tasks/cdt_t_registers.htm)



[C/C++ Views](http://docs.google.com/cdt_o_views.htm)

