

Complete List of New and Changed for LabVIEW 8.x Options

Select **Tools»Options** to display the [Options](#) dialog box and select **New and Changed for LabVIEW 8.x** from the **Category** list to display the **New and Changed for LabVIEW 8.x** page. Use this page to set new and changed options in this version of LabVIEW. Click **View the complete list of New and Changed for LabVIEW 8.x** to view this list.

New and Changed from 8.5 to 8.6

New Web Server: Configuration Options—Lists LabVIEW Web Server options new in this version of LabVIEW.

- **Server Label**—Allows you to customize the name of a server interface.
- **Server Labels (Ports)**—Displays all interfaces currently configured for the Web Server.
- **IP Address of Listener**—Specifies the IP address of the selected Web Server interface. The pull-down menu contains all addresses available on the local computer.
- **Allow Access**—Lists options to configure available features for the selected Web Server interface.
 - **Remote Front Panels**—Allows you to [view and control front panels remotely](#).
 - **(Windows) Web Services**—Activates [Web services](#) in the LabVIEW Full Development System and the LabVIEW Professional Development System.
 - **Snapshot**—Displays a static image of the front panel of a VI currently in memory on the Web Server.
 - **Scripting**—Allows you to [run scripts](#) that generate dynamic content, such as an HTML interface, on the Web Server.
 - **Static Content**—Allows static content, such as HTML pages, on the Web Server.

New pages—Lists options pages new in this version of LabVIEW.

- [MathScript: Script Highlighting](#)
- [Block Diagram: Cleanup](#)
- [Web Services: Security](#)

New and Changed from 8.2 to 8.5

New Block Diagram Options—Lists block diagram options new in this version of LabVIEW.

- **Use transparent free labels**—Allows you to create free labels without a border or background color.

Changed Default Since 8.2—Lists the **Controls/Functions** palette option whose default value changed in this version of LabVIEW.

- **Use transparent name labels**—Uses transparent labels for objects on the block diagram. This checkbox is checked by default.

New Front Panel Options—Lists front panel options new in this version of LabVIEW.

- **Connector pane terminals default to Required**—Designates new connector pane terminals as required terminals.

New pages—Lists options pages new in this version of LabVIEW.

- [MathScript: Search Paths](#)

New and Changed from 8.0 to 8.2

New Environment Options—Lists environment options new in this version of LabVIEW.

- **Enable automatic saving for recovery**—Automatically saves open files at the specified intervals. In the event of an irregular shutdown or system failure, the [Select Files to Recover](#) window displays recoverable files the next time you launch LabVIEW.
 - **Save before a VI runs**—Backs up open files before you run a VI.
 - **Save before a VI runs and periodically**—Backs up open files before you run a VI and at the intervals specified in the **minutes** field.
 - **minutes**—Specifies how often LabVIEW backs up open files. You must select **Save before a VI runs and periodically** to enable this field.

New Block Diagram Options—Lists block diagram options new in this version of LabVIEW.

- **Show constant folding of wires**—Displays hash marks on wires attached to constants that are [constant folded](#).
- **Show constant folding of structures**—Displays gray hash marks inside structures that are [constant folded](#).

New and Changed from 7.1 to 8.0

New Block Diagram Options—Lists block diagram options new in this version of LabVIEW.

- **Labels snap to preset positions on terminals**—Snaps labels and captions for new objects on the block diagram to preset positions. This checkbox is checked by default.
- **Labels locked by default**—Locks labels and captions in place for new objects on the block diagram. This checkbox is unchecked by default.
- **Default label position**—Sets the default label position for objects on the block diagram. The default is the initial label position LabVIEW automatically sets for each object.

New Front Panel Options—Lists front panel options new in this version of LabVIEW.

- **Labels snap to preset positions on controls**—Snaps labels and captions for new objects in the front panel window to preset positions. This checkbox is checked by default.
- **Labels locked by default**—Locks labels and captions in place for new objects on the front panel. This checkbox is unchecked by default.
- **Default label position**—Sets the default label position for objects on the block diagram. The default is the initial label position LabVIEW automatically sets for each object.

Controls/Functions Palette Options—Lists **Controls** and **Functions** palette options new or with changed default values in this version of LabVIEW.

- **New**—Lists the **Controls/Functions** palette options new in this version of LabVIEW.
 - **Sort palette items**—Sorts items on the same level of the palette alphabetically. This option only applies to the **Text** and **Tree** formats. You also can click the **View** button on the **Controls** or **Functions** palettes and select **Sort Alphabetically** from the shortcut menu to sort palette items alphabetically.
- **Changed Default Since LabVIEW 7.1**—Lists the

Controls/Functions palette option whose default value changed in this version of LabVIEW.

- **Format**—Sets the appearance of the palette items within the selected palette view. The default is **Category (Standard)**. You can select from the following:
 - **Category (Standard)**—Displays top-level palettes as categories and displays subpalettes in the format of the individual subpalette.
 - **Category (Icons and Text)**—Displays top-level palettes as categories and displays palette items as icons with text labels below each icon.
 - **Icons**—Displays palette items as icons.
 - **Icons and Text**—Displays palette items as icons with text labels below each icon. **Icons and Text** is the default format in LabVIEW 7.1.
 - **Text**—Displays a text list of palette items. If you close the palette, you can right-click the front panel or block diagram to display a shortcut menu that contains all the palette items. Select **View»Controls Palette** or **View»Functions Palette** to display the palette again.
 - **Tree**—Displays palette items as text in a tree control.
- **New pages**—Lists options pages new in this version of LabVIEW.
 - [Source Control](#)
 - [Menu Shortcuts](#)
 - [Security](#)
 - [Shared Variable Engine](#)
 - [VI Server: User Access](#)