LabVIEW NXG

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Contents

LabVIEW NXG 5.1 Manual

The LabVIEW NXG 5.1 Manual contains programming concepts, step-by-step instructions, and reference information that enables you to acquire, analyze, and automate measurements.

Tip For interactive lessons on creating and debugging a custom application, visit the **Learning** tab in software.

Top Tasks

What do you want to do?	Where to go
Ensure software detects connected hardware and sensors.	Open **SystemDesigner** to find a list of connected hardware and register network systems.
Find the interactive measurement panel that's right for you.	On the **Projects** tab, click **Measurement Panels** and browse through the available options to start taking measurements with your connected devices.
Learn how to automate your measurements using G Dataflow code.	On the **Learning** tab, open interactive lessons to learn programming basics for G Dataflow.

Programming Reference

- G Dataflow

Manuals for LabVIEW NXG Add-Ons

- NI Compare Manual
- Vision Development Module Manual
- LabVIEW NXG Web Module Manual
- LabVIEW NXG FPGA Module Manual
- LabVIEW NXG RT Module Manual

LabVIEW NXG 5.1 New Features

Refer to the list below to learn what's new in LabVIEW NXG 5.1.

Programming Environment

- Use the Save Panel Image node to save images of your VI panel.
- Use the Save Control Image node to save images of controls on your VI panels.

Desktop UI Controls

- Use the configuration pane to configure high color, low color, marker value, and fit type for intensity graph scales.
- Use the configuration pane to configure step-wise interpolation for graphs and charts.
- Use the configuration pane to configure window position when running a VI.
- Use the configuration pane to configure custom numeric formatting when displaying signed and unsigned integers.
- Programmatically set cursor style, cursor shape, and crosshair style of graphs and charts.
- Programmatically read and write disabled indexes in a Listbox when running a VI.
- Programmatically read and write disabled items in a Tree when running a VI.
- Programmatically read and write graph axis names.
- Programmatically read and write column headers of a data grid.

Related reference:

- LabVIEW NXG 5.1 Behavior Changes

LabVIEW NXG 5.1 Behavior Changes

Refer to the list below to learn about new behaviors in LabVIEW NXG 5.1.

New Behaviors

When configuring a path control on your VI panel, the Pattern filter now accepts all

strings.

Related reference:

- LabVIEW NXG 5.1 New Features

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