Using NI myDAQ with NI LabVIEW Graphical Development Software

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Overview

NI myDAQ paired with NI LabVIEW graphical development software is ideal for programmatic measurement and control. Learn how to use NI myDAQ with LabVIEW through the resources listed below.

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1. Learning LabVIEW with NI myDAQ

The following video series provide the information you need to begin using NI myDAQ and LabVIEW together. By combining LabVIEW graphical development with the NI myDAQ data acquisition device, these lessons teach you how to measure and control the world around you.

Introduction to LabVIEW with NI myDAQ

- Introduction
- Lesson 1: How to read and write data
- Lesson 2: Digital Inputs
- Lesson 3: Shift Registers
- Lesson 4: State Machines

Getting Started with LabVIEW

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- Lesson 1: The Front Panel and Block Diagram
- Lesson 2: LabVIEW Tools, Using Help, Data Flow Explained, Wiring Techniques, Running and Saving VIs
- Lesson 3: Dataflow, parallelism, and Debugging Code

LabVIEW Fundamentals

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- Lesson 2: Loops
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- Lesson 4: Arrays and auto-indexing for loops

Case Structures in LabVIEW

- Introduction
- Lesson 1: Case Structures using boolean controls
- Lesson 2: Case Structures using a string control
- Lesson 3: Case Structures using a numeric control

Data Acquisition

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- Lesson 1: The DAQ Assistant
- Lesson 2: Using DAQ Functions
- Lesson 3: File I/O using Express VI's
- Lesson 4: File I/O using File I/O functions

Analysis

- Introduction
- Lesson 1: State Machines