



## LabVIEW™ Bookshelf

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By default, these documents reside in the `labview\manuals` and `labview\help` directories. They are also on your LabVIEW CD. Refer to the [National Instruments Product Manuals Library](#) for updated documentation resources.

### New Users

If you are a new user, complete the *LabVIEW Tutorial* and read the [Getting Started with LabVIEW](#) manual to get acquainted with LabVIEW.

### Upgrade Users

If you are upgrading from an earlier version of LabVIEW, refer to the [LabVIEW 6.1 Upgrade Notes](#) and [LabVIEW 6.1 Release Notes](#).

### Concepts and Techniques

Use the following [LabVIEW manuals](#) to learn basic concepts and LabVIEW programming techniques:

- [LabVIEW User Manual](#)
- [LabVIEW Measurements Manual](#)
- [LabVIEW Development Guidelines](#)
- [Getting Started with LabVIEW Point-By-Point VIs \(PDF only\)](#)
- [VXI VI Reference Manual \(PDF only\)](#)
- [Using External Code in LabVIEW \(PDF only\)](#)
- [Application Notes and White Papers \(PDF only\)](#)

### VIs and Functions

Use the *LabVIEW Help* to learn about VIs and functions.

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# LabVIEW Document Summaries

## **LabVIEW Tutorial** November 2001

Use this tutorial to learn basic LabVIEW concepts. The tutorial guides you through several activities to familiarize you with graphical programming.

## **Getting Started with LabVIEW Manual** November 2001 (PDF only)

Use this manual to familiarize yourself with the LabVIEW graphical programming environment and the basic LabVIEW features you use to build data acquisition and instrument control applications.

## **LabVIEW 6.1 Upgrade Notes and Release Notes** November 2001

These documents describe the process of upgrading LabVIEW for Windows, Macintosh, and UNIX to version 6.1 and describe the new features added to the latest version of LabVIEW.

## **LabVIEW Quick Reference Card** July 2000

Use this card to get started with LabVIEW quickly. The card describes general editing, wiring, and debugging techniques, and the LabVIEW palettes.

## **LabVIEW User Manual** November 2001 (PDF only)

Use this manual to learn about LabVIEW programming concepts, techniques, features, VIs, and functions you can use to create test and measurement, data acquisition, instrument control, and datalogging applications.

## **LabVIEW Help** November 2001

Use this help file as a reference for information about LabVIEW palettes, menus, tools, VIs, and functions. The *LabVIEW Help* also includes step-by-step instructions for using LabVIEW features. Access the *LabVIEW Help* by selecting **Help»VI, Function, and How-To Help**.

## **LabVIEW Measurements Manual** July 2000

Use this manual to learn more about building data acquisition and instrument control applications in LabVIEW.

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## **LabVIEW Development Guidelines** July 2000

Use this manual to learn how to build VIs that are easy to understand, use, and revise. The manual describes project tracking, design, and documentation techniques.

## **Getting Started with Point-By-Point VIs** April 2001

Use this guide to learn about the point-by-point analysis VIs for LabVIEW. This manual is PDF only.

## **VXI VI Reference Manual** July 2000

This manual describes the VXI VIs for LabVIEW. This manual is PDF only.

## **Using External Code in LabVIEW Manual** July 2000

Use this manual to learn how to use Code Interface Nodes and external subroutines to import code written in text-based programming languages. The manual includes information about shared external subroutines, libraries of functions, memory and file manipulation routines, and diagnostic routines. This manual is PDF only.

## **LabVIEW Application Builder Release Notes** November 2001

This document contains installation instructions and system requirements for the Application Builder, which is part of the LabVIEW Professional Development System and is available for the other development systems as an add-on package.

## **Application Notes and White Papers**

Use the LabVIEW Application Notes to learn about advanced or specialized LabVIEW concepts and applications. Refer to the NI Developer Zone at [ni.com](http://ni.com) for new and updated Application Notes.

- [Analysis Concepts](#)
- [Using Apple Events and the PPC Toolbox to Communicate with LabVIEW Applications on the Macintosh](#)
- [The Fundamentals of FFT-Based Signal Analysis and Measurement](#)
- [LabVIEW Custom Controls, Indicators, and Type Definitions](#)

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## Application Notes and White Papers (continued)

- [LabVIEW Data Storage Formats](#)
- [Integrating the Internet into Your Measurement System—DataSocket Technical Overview](#)
- [LabVIEW Performance and Memory Management](#)
- [Polymorphic Units in LabVIEW](#)
- [Porting and Localizing LabVIEW VIs](#)
- [Using LabVIEW to Create Multithreaded VIs for Maximum Performance and Reliability](#)
- [Using LabVIEW with TCP/IP and UDP](#)
- [Using LabVIEW with Wireless Devices](#)

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