

LabVIEW Express VI Development Toolkit

NEW

NI LabVIEW Express VI Development Toolkit

- Design easy-to-use, configurable Express VIs to distribute throughout your organization
- Create custom Express VIs from standard VIs, existing Express VIs, or a blank template
- Validate custom Express VIs for deployment
- Create reconfigurable, interactive interfaces for stand-alone instruments and measurement hardware

Operating Systems

- Windows 2000/XP/NT
- Mac OS X
- Linux
- Solaris



Overview

Express VIs – characterized by interactive configuration dialog boxes, reduced wiring, and a dramatically decreased learning curve – encapsulate the functionality of five to 15 standard VIs each, giving you easy access to powerful measurement technology through point-and-click interfaces. Additionally, they give you the ability to experiment with your data by applying different measurement tasks, such as advanced analysis algorithms, without recoding your VI. Express VIs provide a productivity boost for creating common measurement applications by significantly reducing the necessary wiring and programming expertise.

Create Custom Express VIs

LabVIEW 7 Express supplies 38 different Express VIs that cover the broad spectrum of commonly used functions in test, measurement, and automation applications ranging from data acquisition and instrument control to measurement analysis and file I/O. Due to the vast number of applications in both industry and academia, however, there are many tasks that do not have existing Express VIs – so you can create your own with the LabVIEW Express VI Development Toolkit. For example, Express VIs can be used as easily maintained, reconfigurable code for OEM applications or custom hardware interfaces. Additionally, you can design Express VIs for distribution to your colleagues to reduce cycle times, increase comprehension, and improve productivity.

Create or Edit Express VI Dialog Box

Express VIs, composed of an Express Source VI and an Express Configuration Dialog Box VI, can be created and managed with the Create or Edit Express VI dialog included in the toolkit. You can create custom Express VIs from existing standard or Express VIs, or from a blank template. The Create or Edit Express VI dialog box houses your custom Express VIs and gives you access to any available Express VIs on your network. Additionally, you can validate your custom Express VIs to ensure that they are complete and ready for deployment.

The Express VI Development Toolkit gives you the ability to create customized, interactive Express VIs that make LabVIEW development easier and more productive for you, your colleagues, and your end users.

Ordering Information

NI LabVIEW Express VI Development Toolkit for
Windows 2000/NT/XP, Mac OS X,
Linux, and Solaris778594-03
Note: This toolkit requires LabVIEW 7 or later.

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