

myRIO Getting Started Documents

Title	Description	Link
Getting Started with myRIO Programming		
Required Software for NI myRIO	This whitepaper includes a list of required and optional software for using with myRIO, brief overview of programming myRIO with LabVIEW, and a short introduction to the c-support for myRIO	http://www.ni.com/product-documentation/14603/en/
myRIO Overview	All you need to know about myRIO including application areas, courseware, support, and Kits and accessories	http://www.ni.com/myrio/
Getting Started with the myRIO Toolkit (myRIO Toolkit)	Overview of the steps to follow to use the myRIO Toolkit for developing myRIO applications, including: <ul style="list-style-type: none">• Software and Driver installation• Connecting and setting up the myRIO• Programming with the myRIO• Creating myRIO Applications	http://zone.ni.com/reference/en-XX/help/373925C-01/myriohelp/myrio_get_started/
Learn to Use myRIO	Short video tutorials for connecting myRIO, installing the software, taking the first measurements and implementing different algorithms (i.e. PID-Control)	http://www.ni.com/academic/students/learn-rio/applications/
What's New for NI myRIO	Overview of the new Software features and Hardware Add-ons for myRIO	http://www.ni.com/white-paper/52419/en/

C Support for NI myRIO	Overview of the c-support for myRIO including: <ul style="list-style-type: none"> • Required installations • C examples and documentation 	http://www.ni.com/tutorial/14619/en/
myRIO Essentials Guide		
NI myRIO Project Essentials Guide	A multimedia learning guide to design applications and interface with a broad variety of sensors, actuators, and other components using myRIO and LabVIEW. This Guide includes LabVIEW projects, video tutorials, wiring and device theory.	http://www.ni.com/tutorial/14621/en/
NI myRIO Vision Essentials Guide	Similar to the myRIO Project Essentials Guide, the Vision Essentials Guide includes video tutorials, theory and LabVIEW projects for developing machine vision applications using myRIO	http://www.ni.com/white-paper/52475/en/
RIO Architecture		
Learn RIO	An overview of the RIO architecture written specifically for students. It includes videos for: <ul style="list-style-type: none"> • Introducing the RIO architecture • Setting up a compactRIO system • Programming embedded systems with LabVIEW • Creating an embedded state machine • Learning to use myRIO 	http://www.ni.com/academic/students/learn-rio/
Using the LabVIEW Shared Variables	Introduction to using shared variables in LabVIEW to share data between loops on a single diagram or between VIs across the network. It also includes benchmarks of the performance of applications using shared variables	http://www.ni.com/white-paper/4679/en/
Working with File Paths on Real-Time Targets	Brief overview of the file structure in Real-Time targets and how to build dynamic, constant and static file paths in LabVIEW	http://www.ni.com/tutorial/14669/en/

*After installing the myRIO Toolkit you can also find an interactive tutorial under:
[file:///C:/Program%20Files%20\(x86\)/National%20Instruments/LabVIEW%202015/resource/myRIO/Tutorials/myriotutorials.html](file:///C:/Program%20Files%20(x86)/National%20Instruments/LabVIEW%202015/resource/myRIO/Tutorials/myriotutorials.html)