

LabVIEW 2018 Installation Instructions

Instructions to install LabVIEW (32bit) on Personal Machines (Windows PC only):

Step 1:

Install LabVIEW using this link:

<http://www.ni.com/download/ni-myrio-software-2018/7390/en/>

This is the LabVIEW myRIO Bundle 2018 version for you to download.

Perform the following steps to install NI LabVIEW myRIO Software Bundle 2018:

1. Close all NI software, otherwise the installation will be interrupted.
2. Run LabVIEW_myRIO_Software_Bundle_2018_WB.exe that you just downloaded **as an administrator role**.
3. Follow the instructions on the screen to install and activate the software.
4. You will need GT activation serial number to allow you proceed: **M83X85466**
5. If you do not have a NI account, you also need to sign up one.
6. Make sure the installed version is **32bit** English

Alternatively, you can install this bundle via OIT.

<https://software.oit.gatech.edu/>

Follow the procedures about the bundle installation provided by OIT, and install the same bundle like above. The same serial number is used: **M83X85466** . Do not install the LabVIEW only, you should select the myRIO software bundle to download.

Step 2:

Make sure your bundle has the following packages:

- LabVIEW English (Base/Full/Professional)
- myRIO Toolkit
- Real-Time Module
- VI Package Manager
- FPGA Module
- Compilation Tools for Vivado
- Control Design and Simulation Module
- MathScript RT Module

If you need more add-ons, you will need the same install code again to activate and download : **M83X85466**

If you are a MAC user, please borrow a windows PC from your friends or to use the classroom computers or the Wyse thin-client computers in MRDC 3328 computer lab to log into VLab to use LabView and myRIO.

Videos to Get Started

The following videos are recommended to watch prior to your 2nd studio:

1. Watch the video explaining what the myRIO is and what comes with it.
<https://youtu.be/K9VAOF01gbU>
2. Watch the video on how to write your first myRIO program.
<https://youtu.be/Ak-N8o6C7C0>
3. Watch the video that shows how to program a more involved myRIO program.
<https://youtu.be/R4tWlmbUqA8>
4. Watch the video that explains the different timing options in LabVIEW.
<https://youtu.be/diF1crkFqFo>