Exercise 4-2: Exploring Hardware Example Programs (Optional)
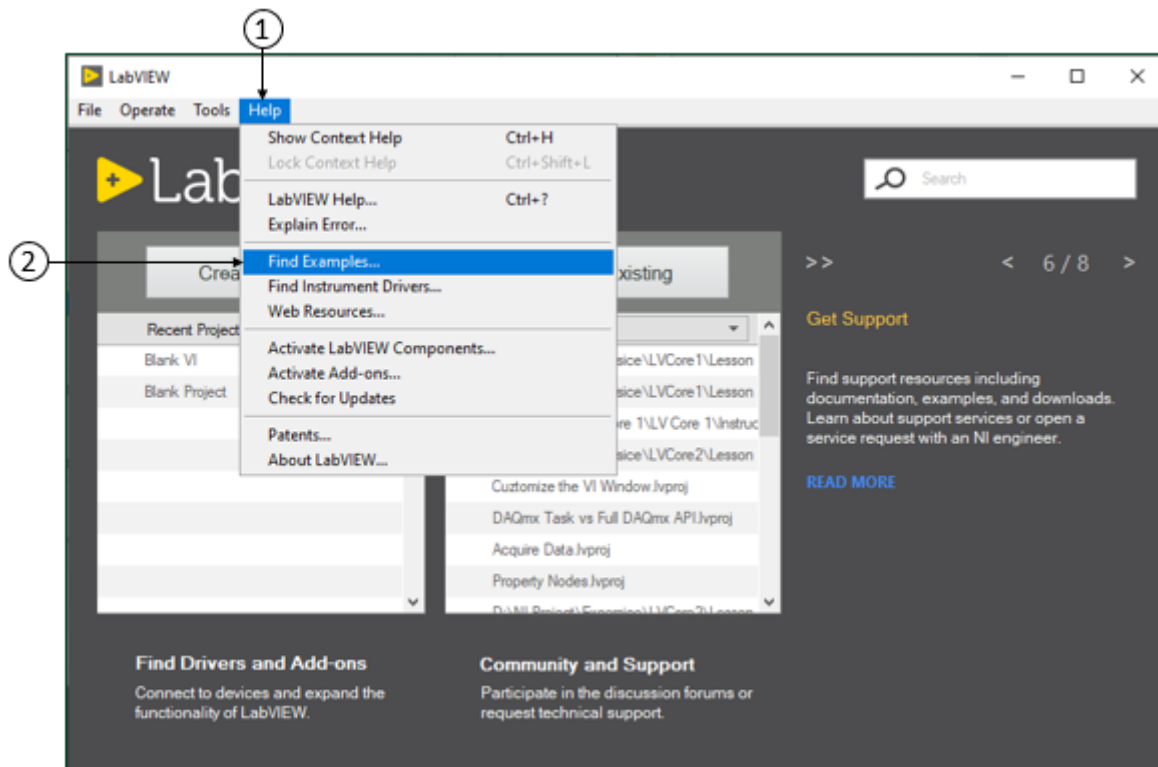
Goal

▪ Explore hardware example programs included in LabVIEW.

Instructions

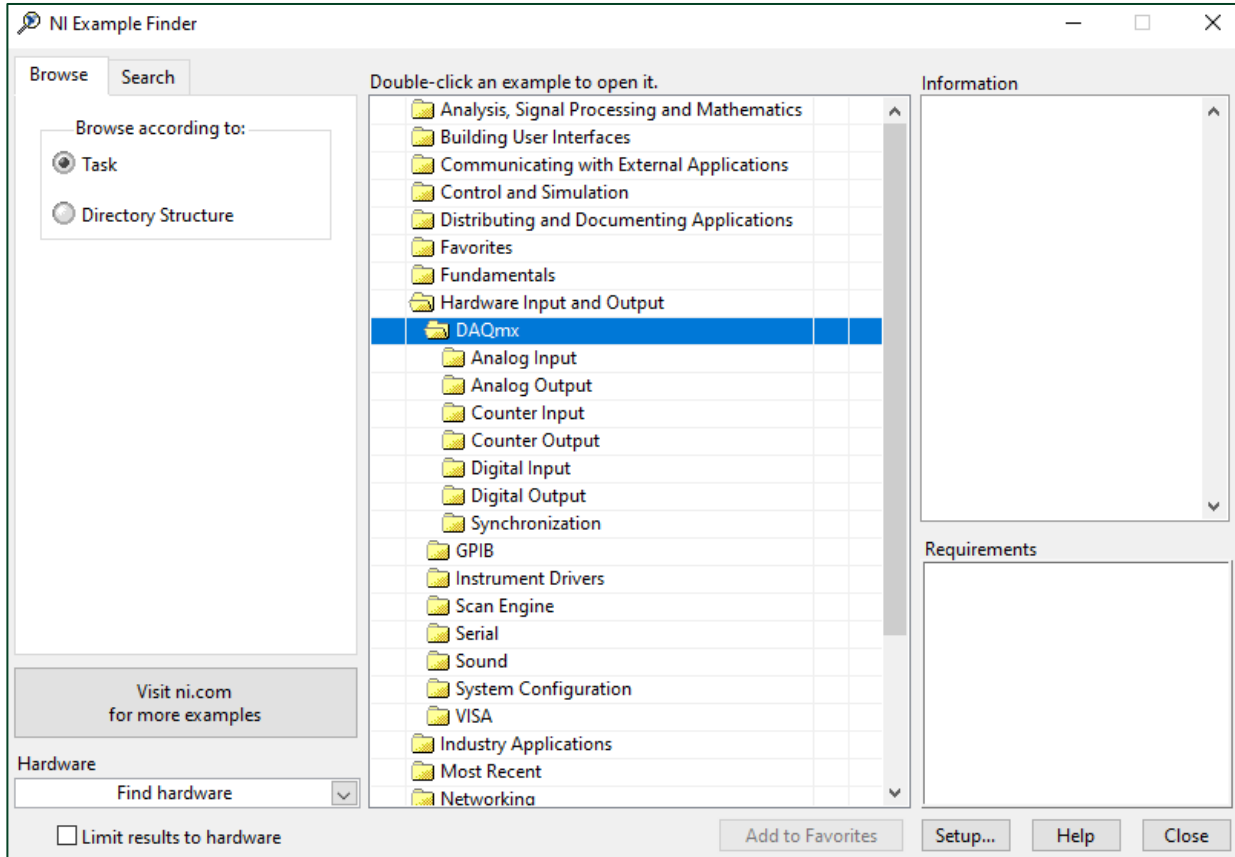NI-DAQmx Example Programs

1. Explore NI-DAQmx examples.

1. From the Getting Started window, open the **Help** menu.
2. Select **Find Examples.**

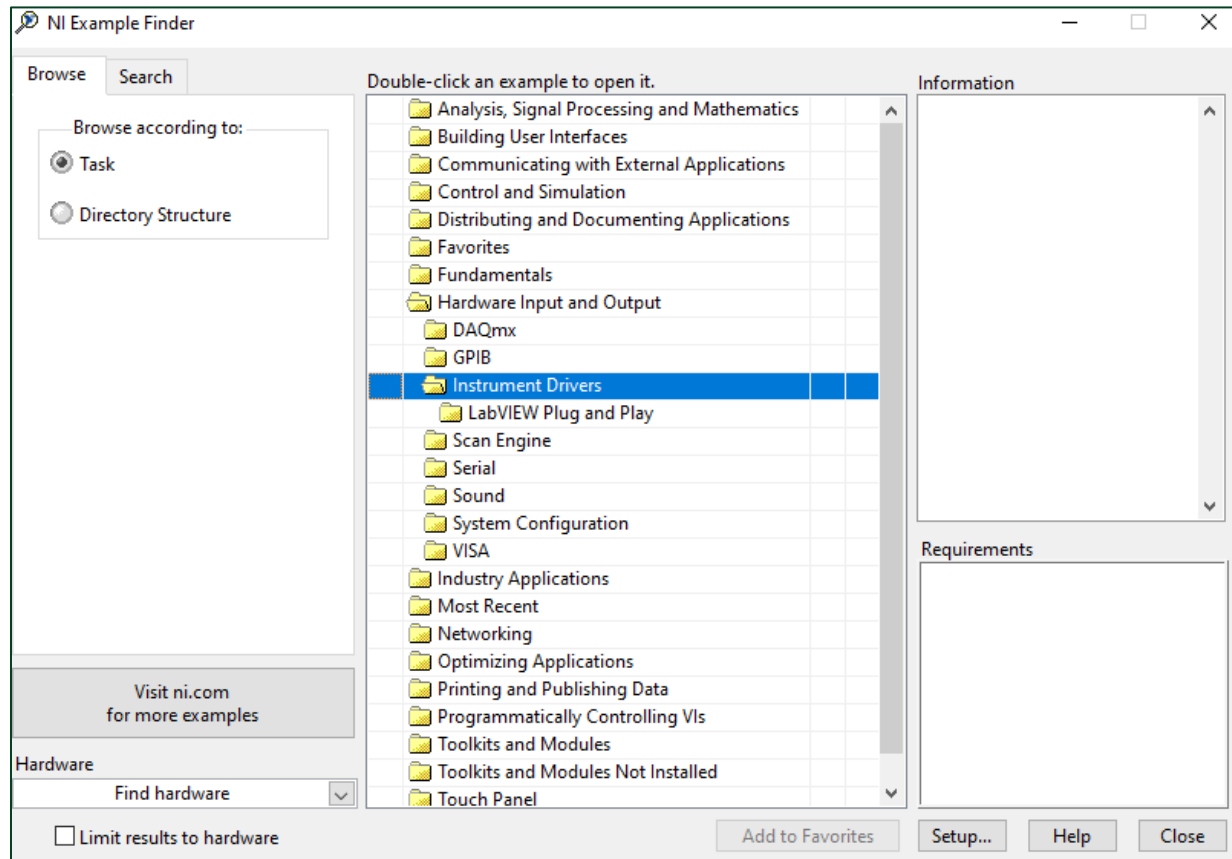2. In the **NI Example Finder** window, double-click `Hardware Input and Output» DAQmx`, double-click the **folder** for the type of example you want to explore, and then double-click one of the examples to launch an example DAQmx project.

3. Explore the VIs found in the launched example.
   ▪ Open and explore the VIs from the DAQmx subfolders.
   ▪ Explore the front panel.
   ▪ Explore the block diagram. You can read a description of a VI by using the **Context Help** window.
4. Close the VI when finished. If you save an example, it will save over the original example. In order to prevent that you should choose "Save as Copy" or don't save the VI.

Non-NI Instrument Example Programs

1. Explore Non-NI Instrument Example.
   - Switch to NI Example Finder and navigate to `Hardware Input and Output»` `Instrument Drivers» LabVIEW Plug and Play` folder.

2. Select the **instrument driver** example that you want to explore to launch an example instrument driver VI.
   If you are taking this course in a classroom with an NI Instrument Simulator, you can explore the NI Instrument Simulator instrument driver example.

3. Explore the VIs found in the launched example.
   - Open and explore the VIs from the Instrument Drivers subfolder.
   - Explore the front panel.
   - Explore the block diagram. Remember, you can read a description of a node by using the Context Help window <Ctrl-H>.

4. Close the VI when you are finished. Do not save the VI.

End of Exercise 4-2