

ADDING ACTIVEX CONTROL SOFTWARE DEVELOPMENT KIT TO LABVIEW 8.5 AND UP

Most of our software development kits include an ActiveX Control for development. Users regularly need to interact with our instrumentation in LabVIEW. However, adding an ActiveX Control to LabVIEW can be a little confusing sometimes, especially if you are not very familiar with LabVIEW. There are two ways to go about this:

First way and easiest way is to add an ActiveX Container:

- Add an Automation Open block to the diagram
- Go to the front panel (*Window Show Panel from the diagram menu*)
- Right-click to popup the toolbox
- Choose .NET and ActiveX then choose ActiveX Container.
- Right-click on the container item added and choose Insert ActiveX Object...
- From the dialog that pops up, choose the desired SDK ActiveX Control from the list
- Go to the block diagram for the VI and wire the newly created automation item in the diagram to the Automation Open block
- Add Invoke Methods to the diagram and wire them to the Automation Open

There is also a second, more complex way if you don't want to create a container:

- Drop in an Automation Open block
- Go to your top menu bar and choose Tools
- Choose Import
- Choose ActiveX Controls to Palette...
- Scroll down the Add ActiveX Controls to Palette list and choose the desired SDK ActiveX Control
- Click OK
- When prompted to save a CTL file, save out that file, which creates a LabVIEW wrapper file for the ActiveX Control
- Right-click on the Automation Open block and click on Choose

ActiveX Class

- Click on the ActiveX item that appears above the Browse... item
- Add an Invoke Method block to the diagram and wire it to the Automation Open

As always, feel free to contact our offices for further assistance or with any questions you may have.

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As part of our policy of continuous product improvement, we reserve the right to change specifications at any time.