

Concept: Using the Project Explorer

Goal

Gain familiarity with using the Project Explorer to organize large projects.

Scenario

You will often need to work on large programs that cannot be contained within a single VI. These can be easily organized using a LabVIEW project. Explore the tools available for organizing a LabVIEW Project.

Implementation

The files that you need to complete this exercise are here: <NI eLearning>\LV Core 1\Projects_Creating\Exercise.

1. Begin a new LabVIEW project file.
 - Open LabVIEW and wait until the Getting Started window is visible.
 - Start a new Project either by selecting **File»NewProject** or by selecting **Empty Project** under the **New** options on the Getting Started window.

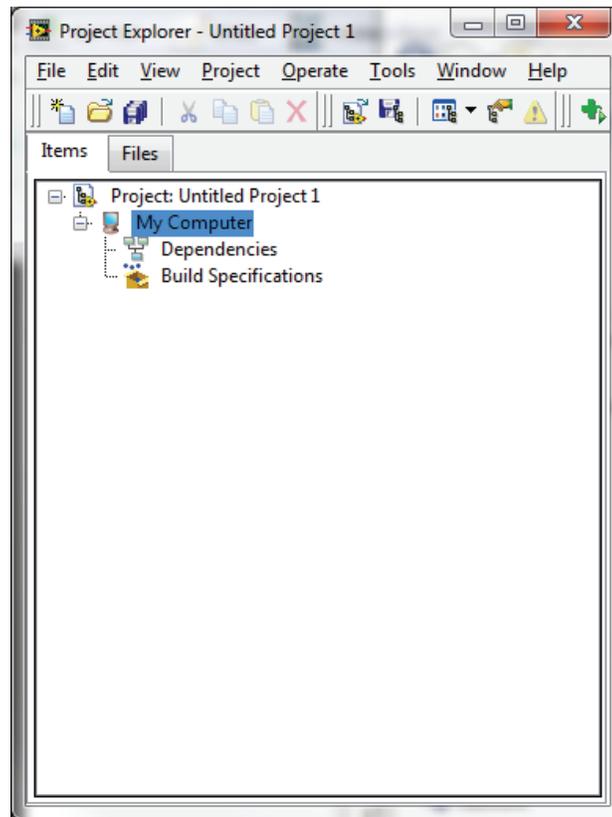


Figure 1. Empty Project

2. Add an auto-populating folder.
 - Right-click **My Computer** and select **Add»Folder (Auto-populating)**.
 - Navigate to the folder called `auto-populating` in the `<Exercise>` directory.
 - Double-click the folder and then click **Current Folder** to select it.
3. Add a virtual folder.
 - Right-click **My Computer** and select **New»Virtual Folder**.
 - Rename the new folder to `Virtual Folder`.
4. Add VIs to the virtual folder.
 - Right-click **Virtual Folder** and select **Add»File**.

- Select program 3.vi from the <Exercise> directory and click **Add File**.
5. Add a snapshot folder.
- Right-click **My Computer** and select **Add»Folder (Snapshot)**.
 - Navigate to the folder called snapshot in the <Exercise> directory.
 - Double-click the folder and then click **Current Folder** to select it.
6. Delete the snapshot folder.
- Right-click the snapshot folder and select **Remove from Project**.
 - A pop-up may appear to warn about permanently deleting these files. If so, click the **OK** button.
7. Save the project.
- Select **File»Save Project**.
 - Save the project as Sample Project.lvproj in the <Exercise> directory.

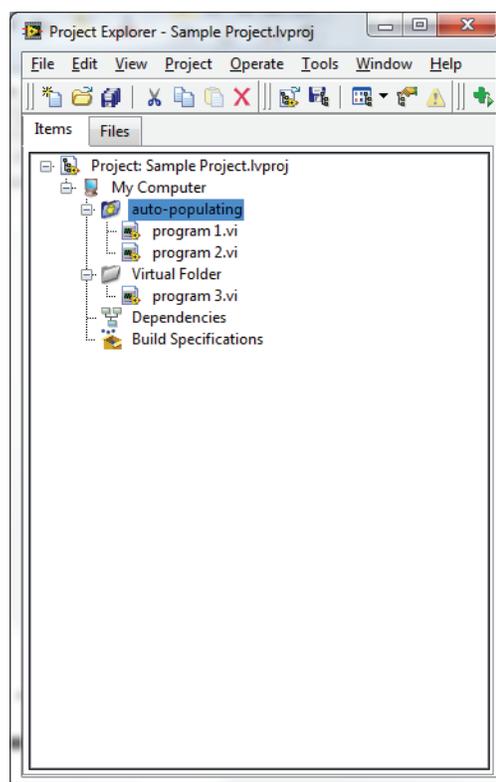


Figure 2. Complete Project

8. Compare your project to the provided solution project.
9. Close the project when you are finished.

End of Exercise

Notes
