

# Concept: Using the Project Explorer

## Goal

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

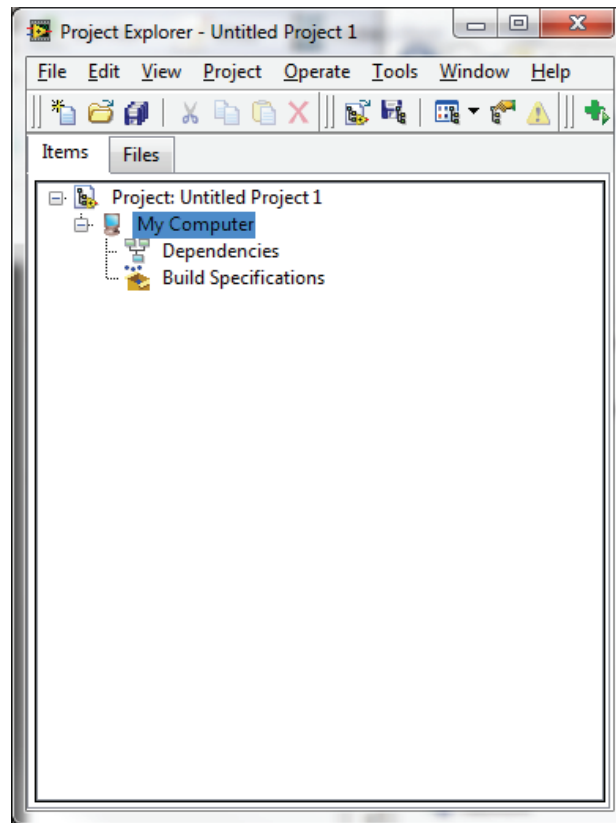
## Scenario

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.

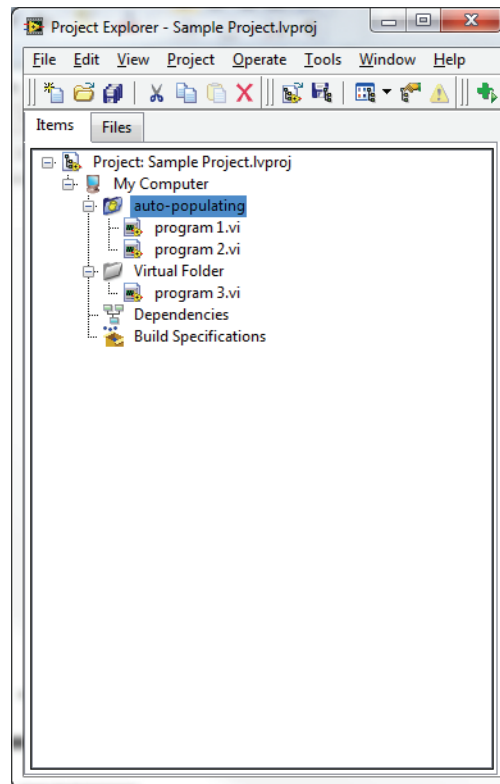
1. Begin a new LabVIEW project file.
  - ☐ Open LabVIEW and wait until the Getting Started window is visible.
  - ☐ Start a new Project either by selecting **File»NewProject** or by selecting **Empty Project** under the **New** options on the Getting Started window.



**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

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