**Goal**

Connect to a database using OLE DB.

1. Create and configure a UDL file
   * In the LabVIEW menu, select **Tools»Create Data Link**.
   * Select **Microsoft Jet 4.0 OLE DB Provider** and click **Next**.  
     Note: Microsoft Jet is the OLE DB provider for Microsoft Access databases.
   * Click the Browse button and navigate to <Exercises>\LabVIEW Intermediate II\Theatre Database\TheatreDatabase.mdb.
   * Click the **Test Connection** button to verify that there is a successful connection and click **OK**.
   * Click **OK**.
   * In the **Save Data Link as** dialog window, navigate to the <Exercises>\LabVIEW Intermediate II\Demonstrations\OLE DB directory and enter DemoUDL for File name. Click **OK**.
   * A dialog box informs you the data link has been successfully created. Click **OK**.
2. Open the OLE DB Demo VI in the <Exercises>\LabVIEW Intermediate II\Demonstrations\OLE DB directory.
3. Demonstrate how to connect to a database using the OLE standard with a UDL file.
   * Set the Connection Method control to **UDL File**.
   * Set the UDL Path control to <Exercises>\LabVIEW Intermediate II\Demonstrations\OLE DB\DemoUDL.udl.
   * Run the VI. If the VI runs without any errors, then LabVIEW successfully opened and closed a connection to the database.
   * Show the block diagram of the VI.
   * Show the UDL File case of the case structure. Point out that a file path control is wired into the **connection information** input of the DB Tools Open Connection VI. You must use a file path control if you are using a UDL file.
4. Demonstrate how to connect to a database using the OLE standard with a prompt.
   * Set the Connection Method control to **Prompt**.
   * Show the block diagram of the VI.
   * Show the Prompt case of the case structure. Point out that there is a true constant wired to the **prompt** input of the DB Tools Connection VI and there is nothing wired to the **connection information** input.
   * Run the VI.
   * Select **Microsoft Jet 4.0 OLE DB Provider** and click **Next**.  
     Note: Microsoft Jet is the OLE DB provider for Microsoft Access databases.
   * Click the Browse button and navigate to <Exercises>\LabVIEW Intermediate II\Theatre Database\TheatreDatabase.mdb.
   * Click the **Test Connection** button to verify that there is a successful connection and click **OK**.
   * Click **OK**.
   * If the VI runs without any errors, then LabVIEW successfully opened and closed a connection to the database.