Progress®

Guided Exercise 4.2: Managing workspace resources

OpenEdge®

Guided Exercise 4.2: Managing workspace resources

Overview

In this Guided Exercise you will create an archive and then delete a file and a project from your workspace. Then you will create the Servers view. Next, you will create a new workspace. Finally, you will export preferences from one workspace and import them into another workspace.

The exercise steps take approximately 15 minutes to complete.

Before you begin

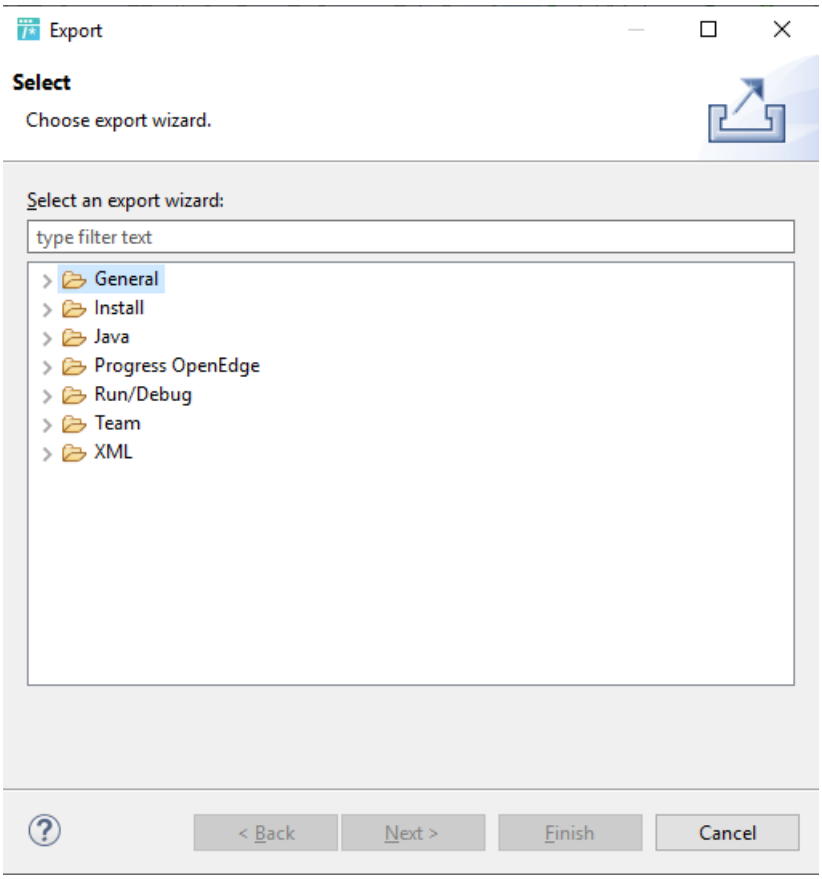
Before you begin this Guided Exercise, you must:

- Set up your exercise environment, if you have not done so already. See the Before you begin module for details.
- Complete the steps of Guided Exercise 4.1, if you have not done so already.

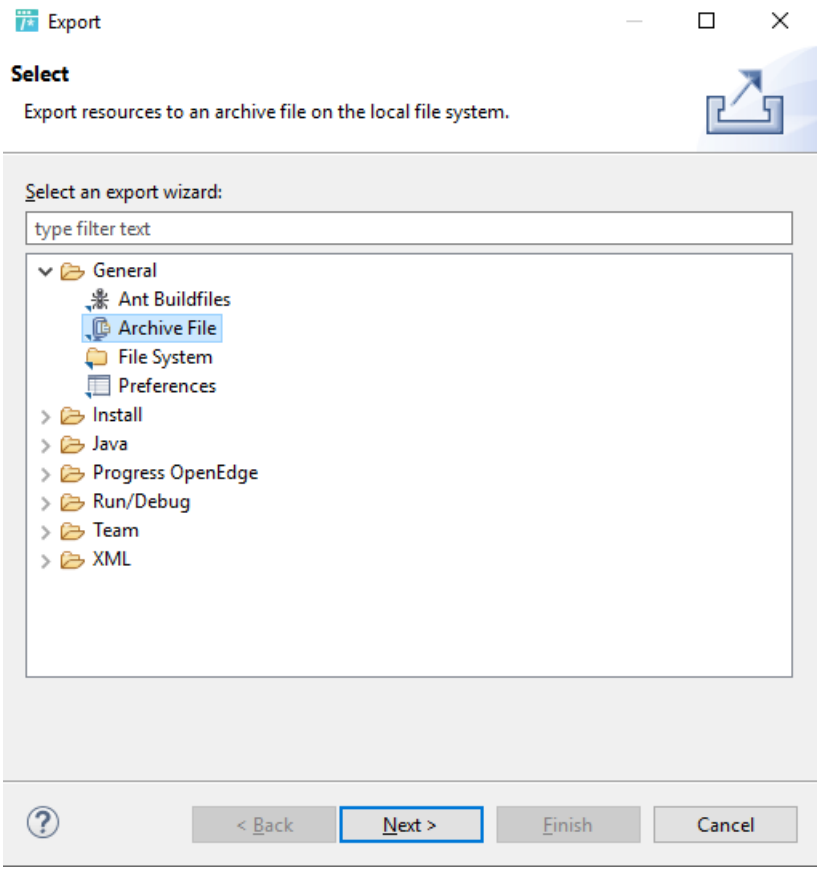
Part 1—Creating an archive file

In this part, you will create an archive file for the Client and Server projects you have been working with.

1. Ensure that all files that you want to include in the archive have been saved.
2. Perform a clean build of the workspace:
   - Select **Project > Clean**.
   - Select **OK**.
3. Click **File > Export…**.



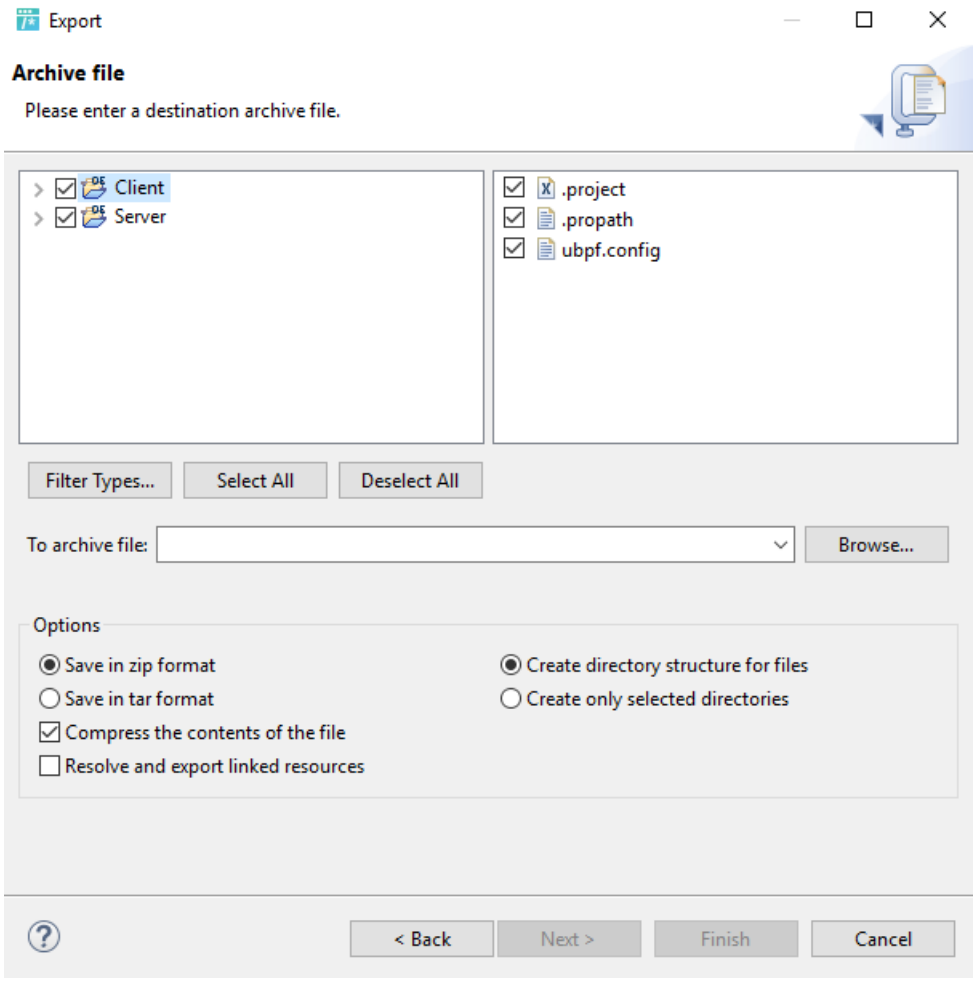
4. Select **General > Archive File**.


Export
Select
Export resources to an archive file on the local file system.
Select an export wizard:
type filter text
General
Ant Buildfiles
Archive File
File System
Preferences
Install
Java
Progress OpenEdge
Run/Debug
Team
XML
< Back
Next >
Finish
Cancel

5. Click **Next**.

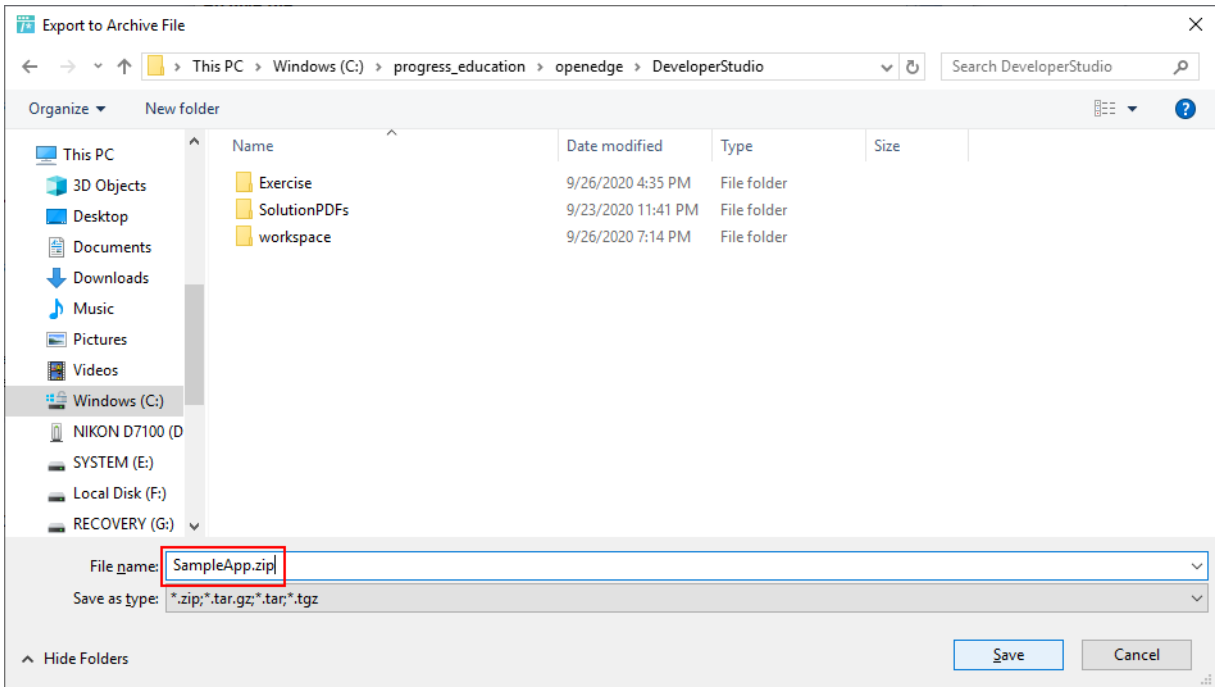
6. In the Archive File window:

- Select the **Client** and **Server** projects.

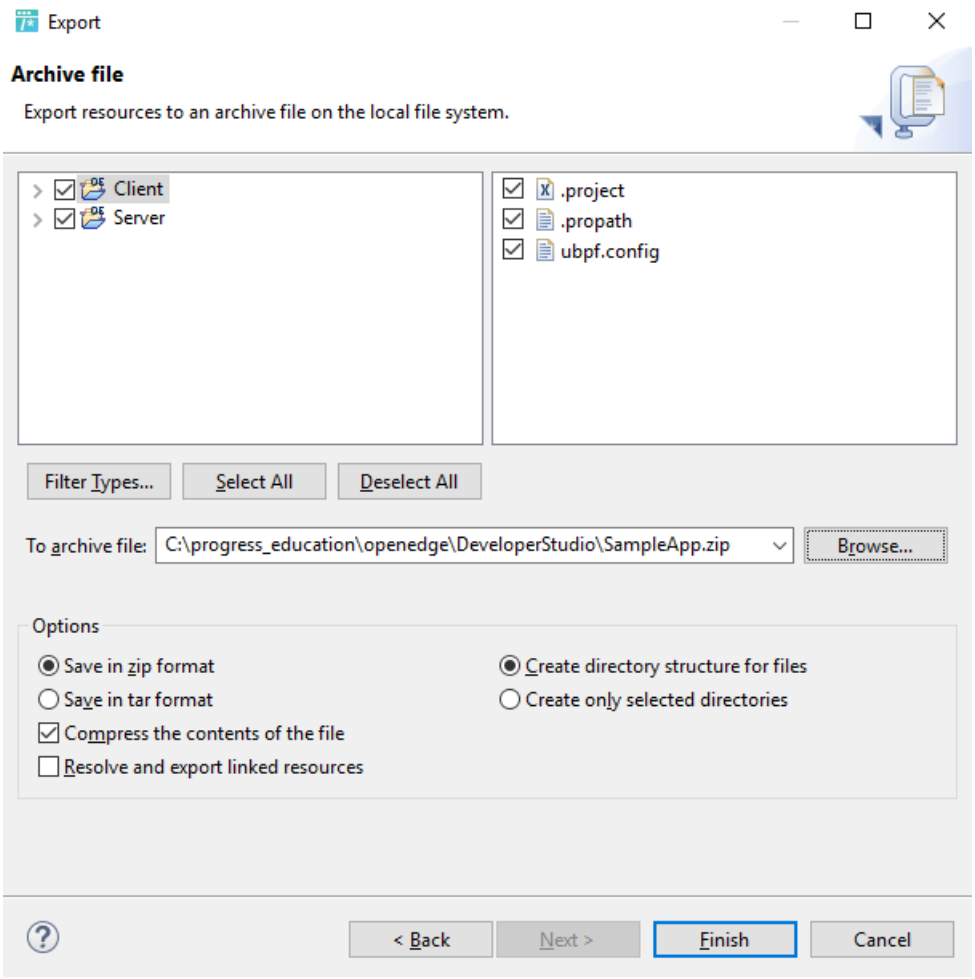


- Click the **Browse…** button to navigate to the location where you want to save the archive.
- Enter the name of the archive, for example **SampleApp.zip**.

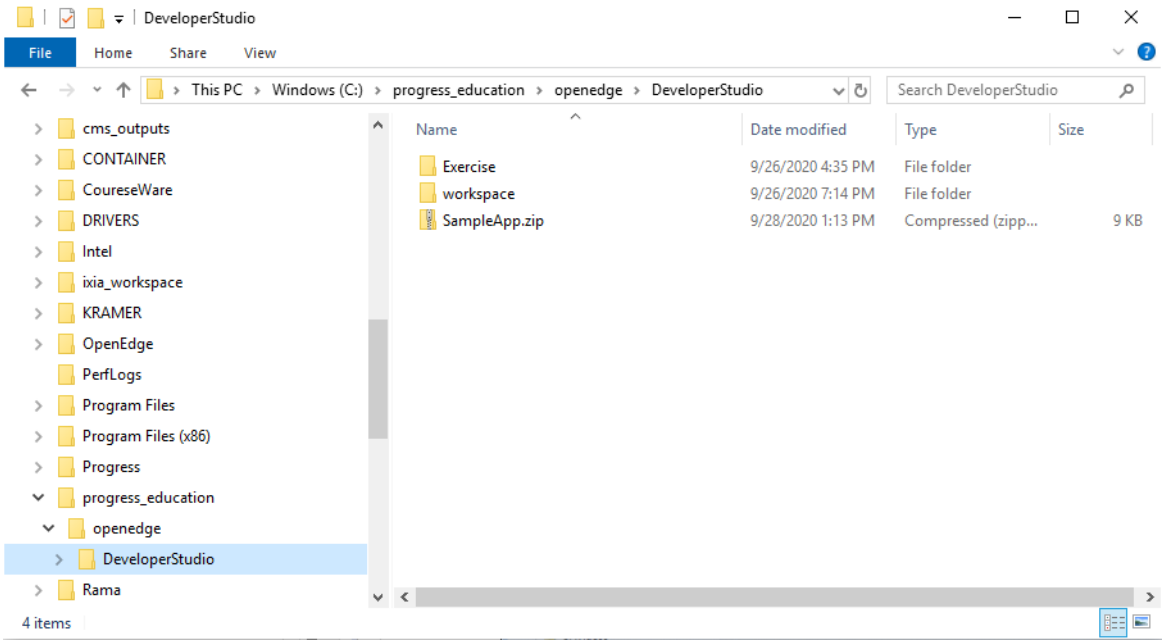
  Click **Save**.


Export to Archive File
This PC
Windows (C:)
progress_education
openedge
DeveloperStudio
Search DeveloperStudio
Organize
New folder
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Windows (C:)
NIKON D7100 (D
SYSTEM (E:)
Local Disk (F:)
RECOVERY (G:)
Name
Date modified
Type
Size
Exercise
9/26/2020 4:35 PM
File folder
SolutionPDFs
9/23/2020 11:41 PM
File folder
workspace
9/26/2020 7:14 PM
File folder
File name:
SampleApp.zip
Save as type:
.zip;.tar.gz;*.tar;*.tgz
Hide Folders
Save
Cancel

- Click **Finish**.



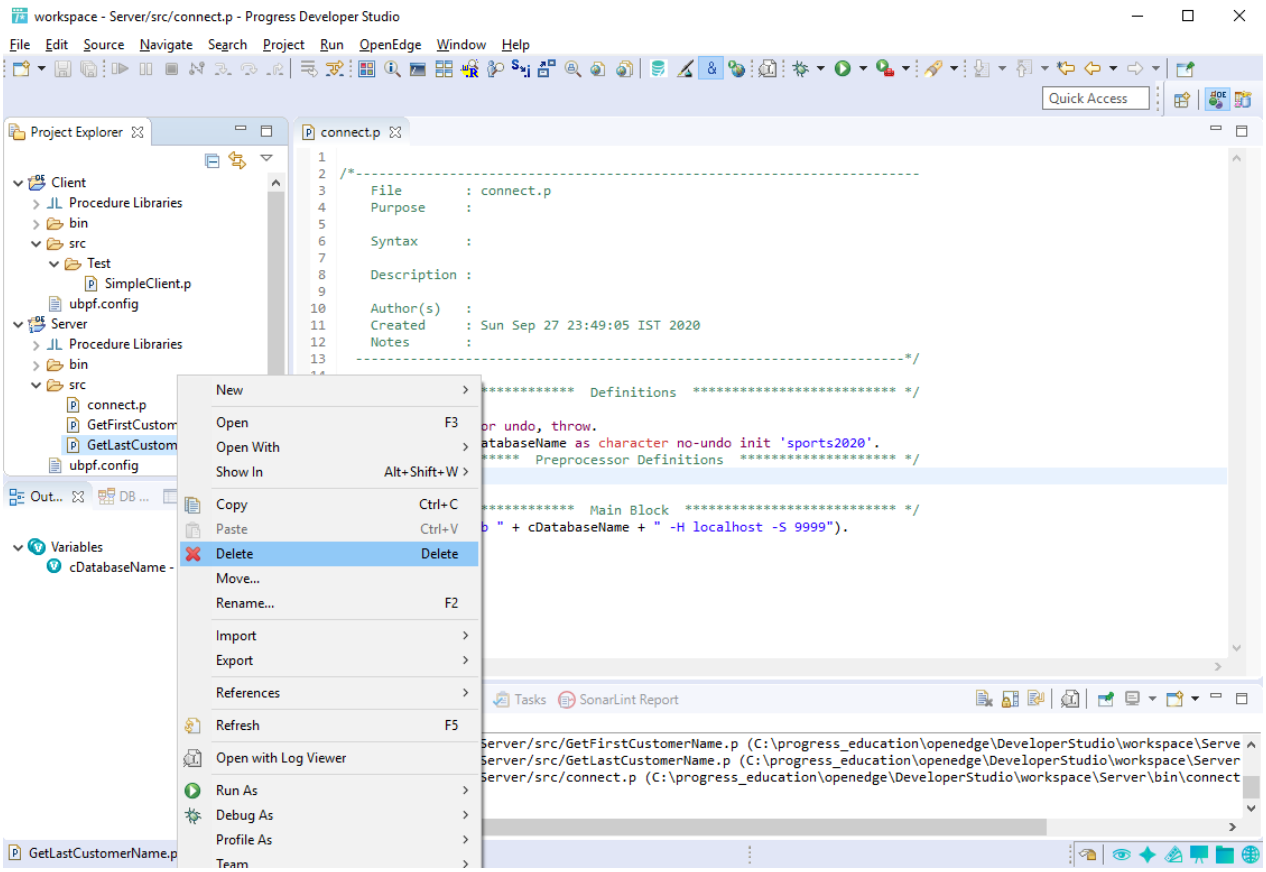
7. Confirm that the archive was created without errors and in the location you specified.



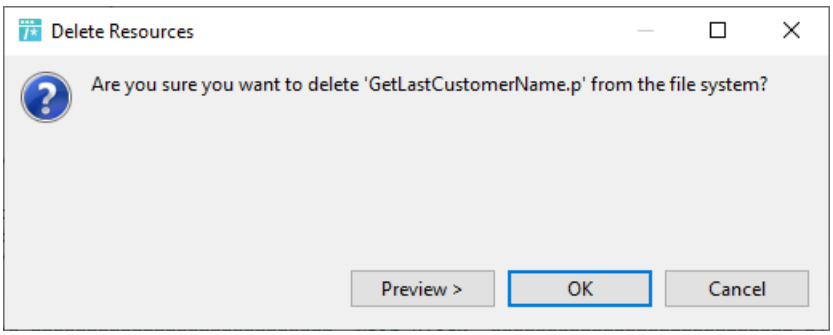
Part 2—Deleting files and projects

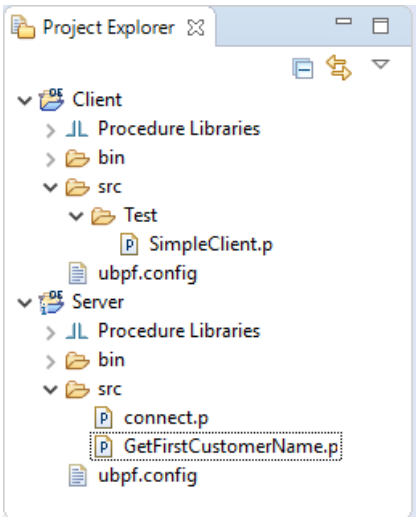
Now that you have created an archive as a backup of your workspace, you can delete projects. Next, you delete a file and a project.

1. In Project Explorer, right-click **GetLastCustomerName.p** in the **src** folder of the **Server** project and then select **Delete**.

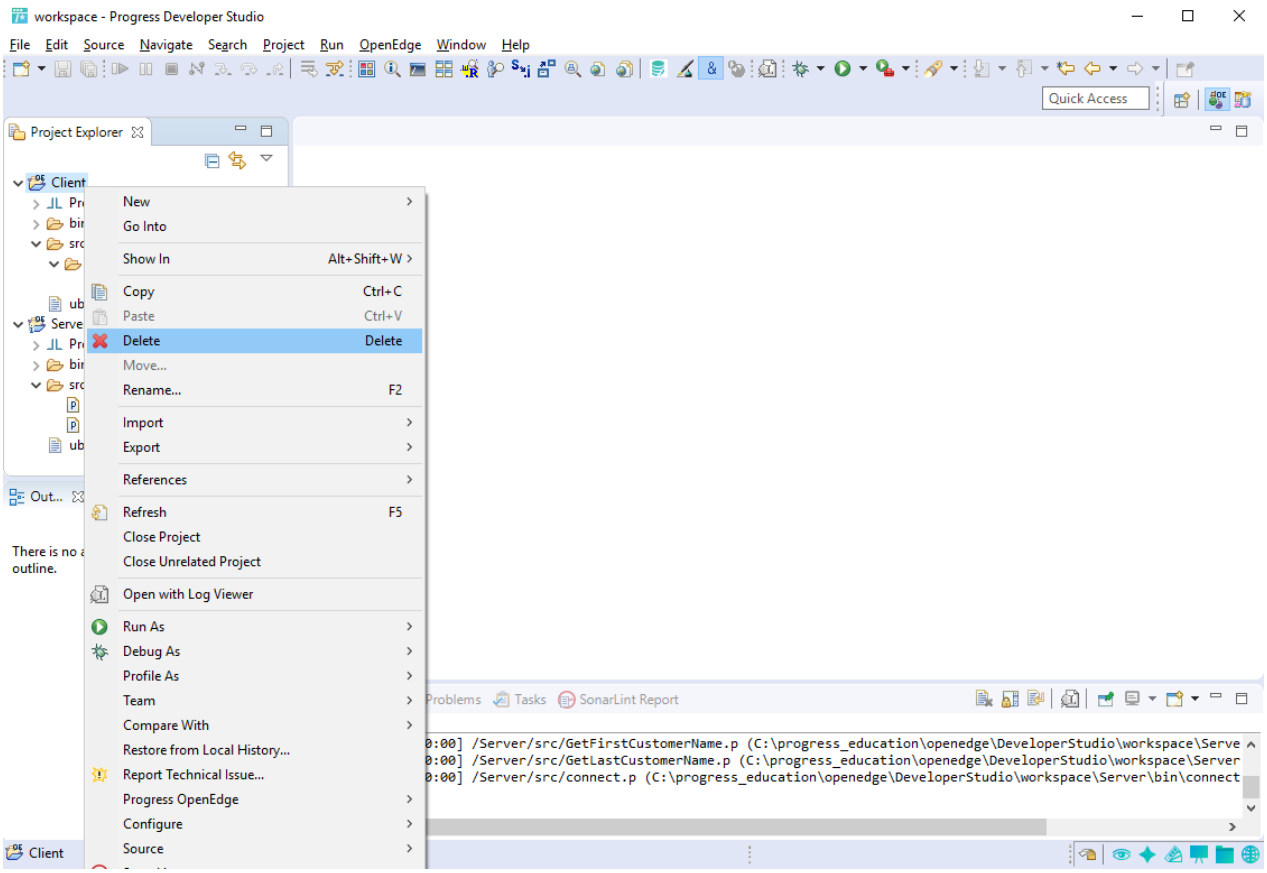


2. Confirm that you want to delete the file from the file system.

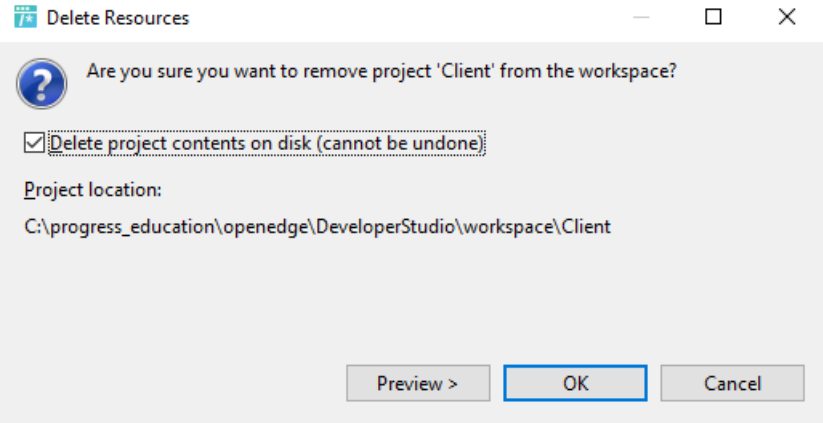


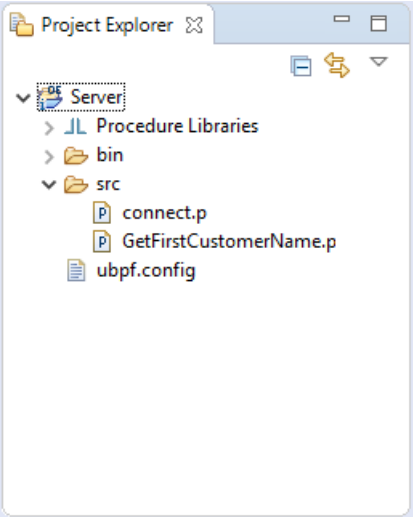

Project Explorer
Client
Procedure Libraries
bin
src
Test
SimpleClient.p
ubpf.config
Server
Procedure Libraries
bin
src
connect.p
GetFirstCustomerName.p
ubpf.config

3. In Project Explorer, right-click the **Client** project and then select **Delete**.



4. Confirm that you want to delete the project from the file system by selecting **Delete project contents on disk** and then clicking **OK**.

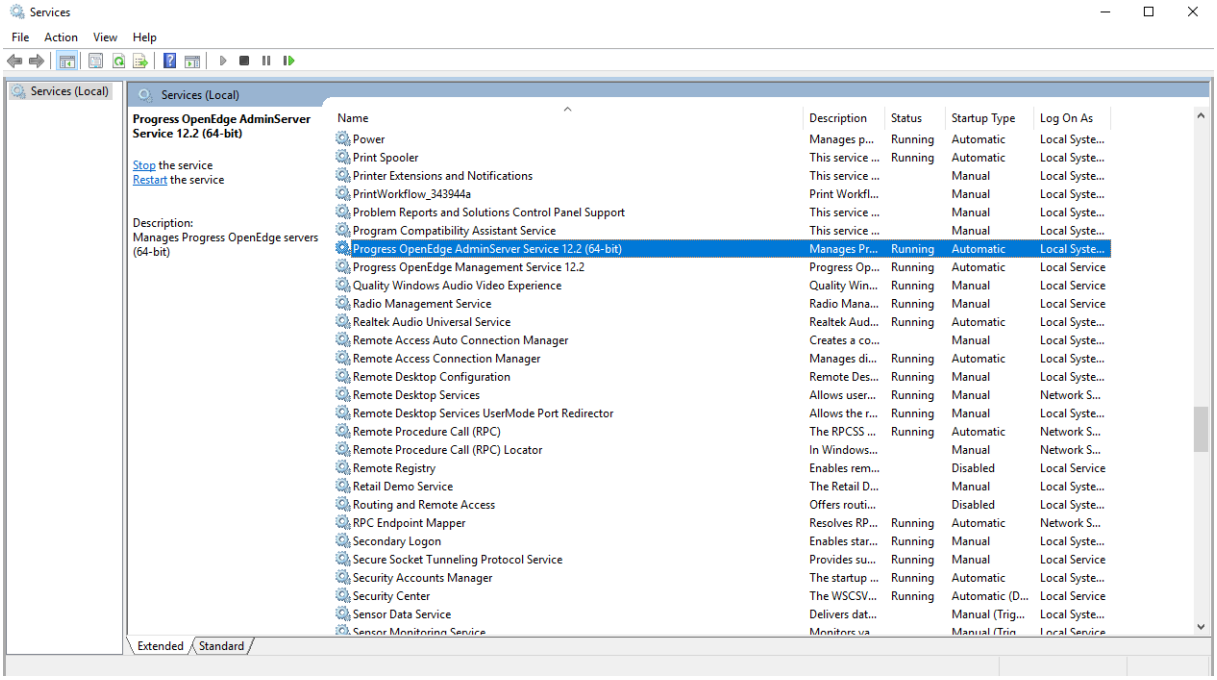




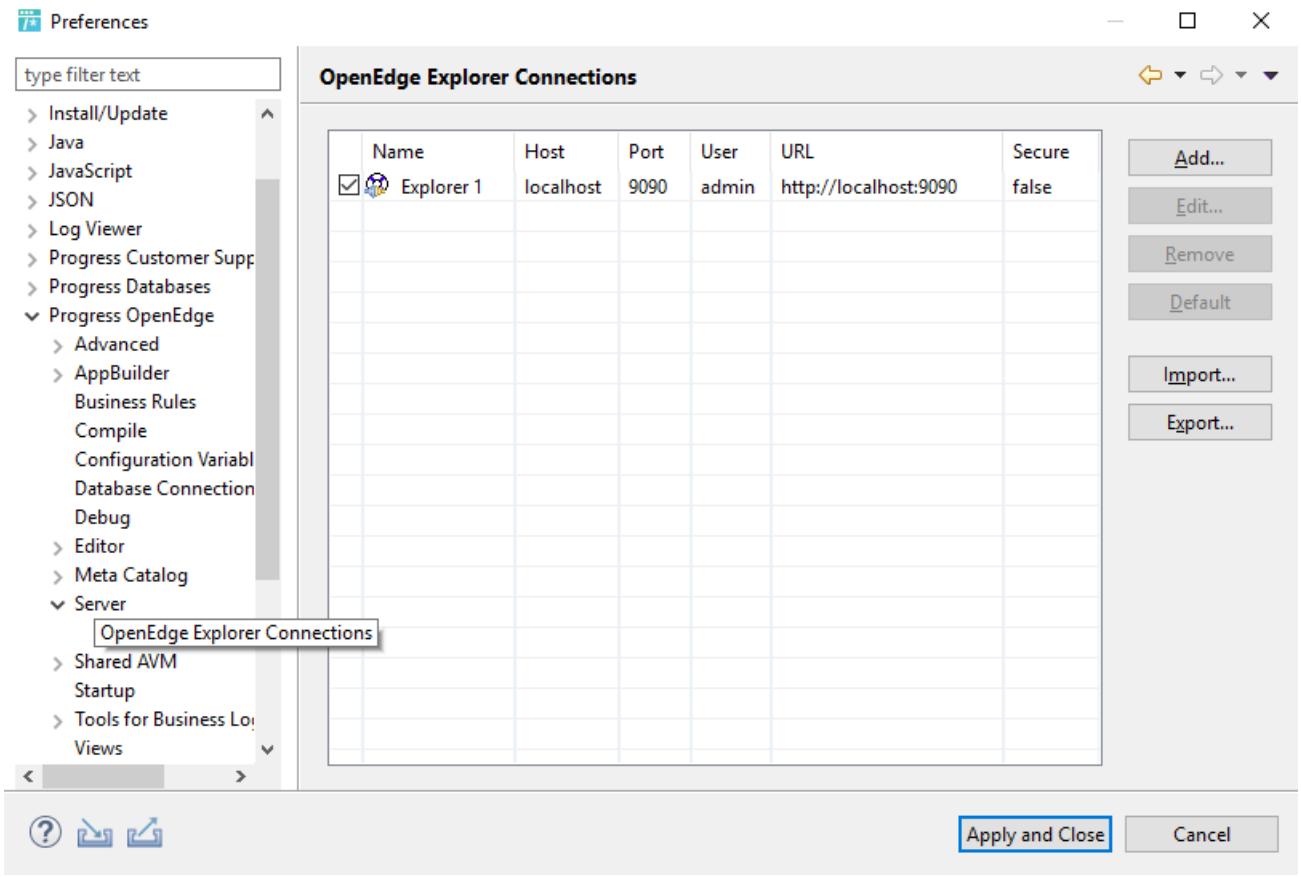
Part 3—Creating the Servers view

Next, you set up your Developer Studio workspace so that you can view and manage application servers.

1. Ensure that the Admin Service for OpenEdge is running.
   - Type **Services** in Windows search.
   - Select **Services**.
   - Close the **Services** window when you have confirmed that the **Progress OpenEdge AdminServer Service 12.2 (64-bit)** is running.

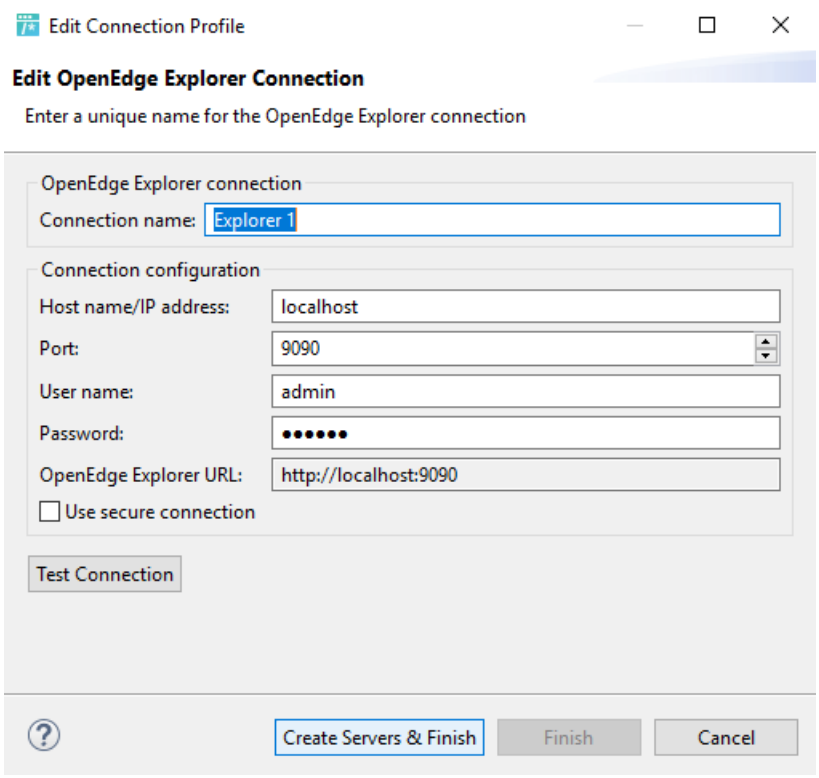


2. Confirm the credentials for accessing the AdminServer Service:
   a. Select **Window > Preferences**.
   b. Navigate to **Progress OpenEdge > Server > OpenEdge Explorer Connections**.



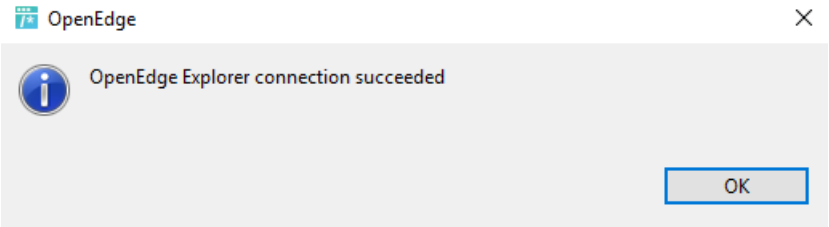
c. Select the **Explorer1** connection.

d. Click **Edit…**.



e. The default password for the admin user is “admin”. Retain this default password unless you have changed it in OpenEdge Explorer or OpenEdge Management. If you have changed it there, specify the new password in the Password field.

3. Click the **Test Connection** button. If you typed in the wrong admin password, try entering it again until you can connect to the AdminServer Service. When the connection succeeds, click **OK**.

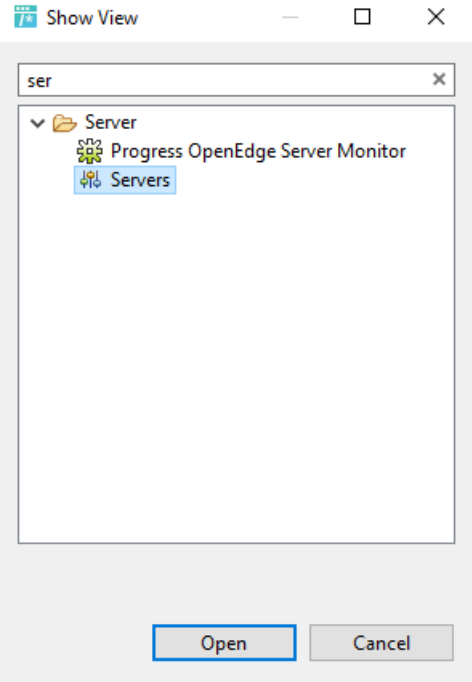


4. After you have confirmed that you have a connection to the Admin Service (Test Connection successful), click the **Create Servers and Finish** button.

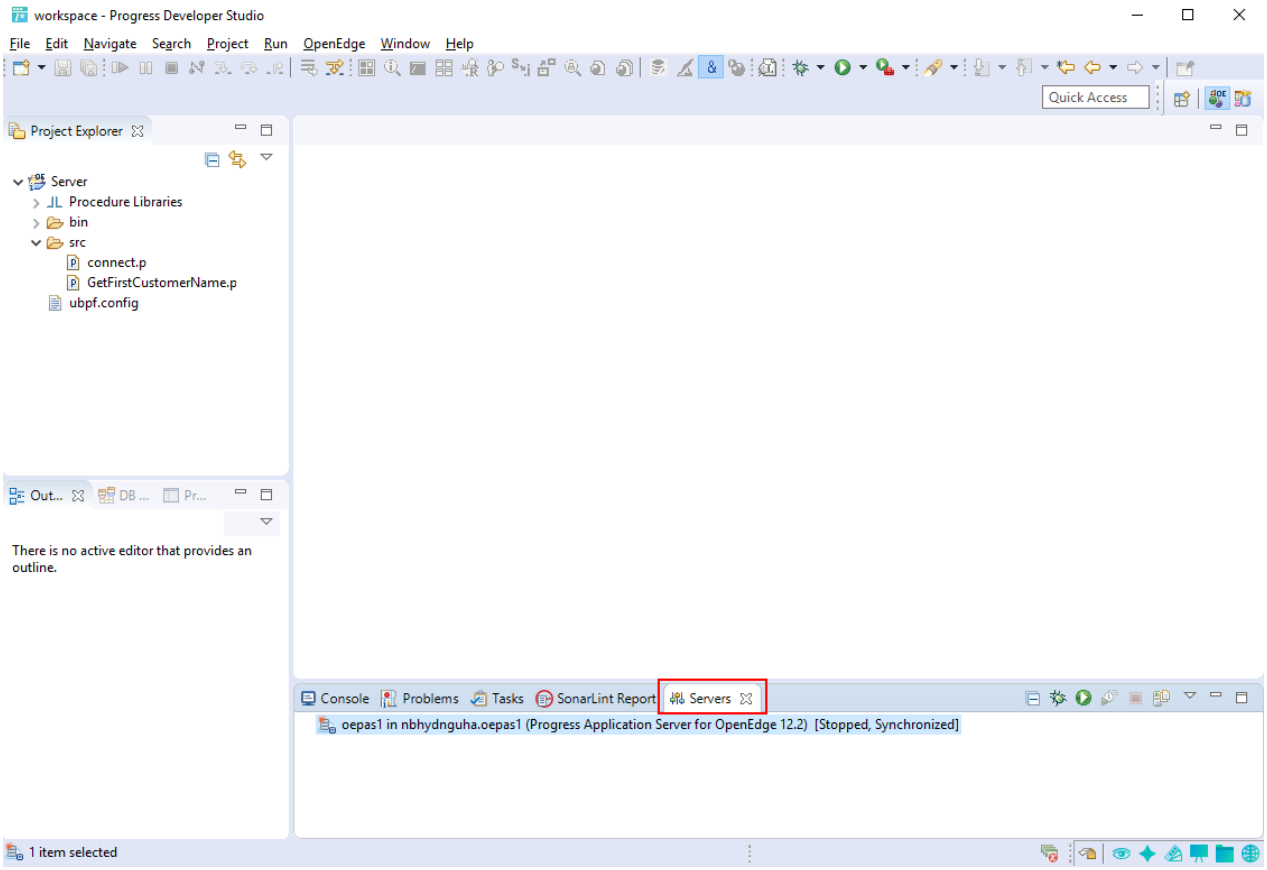
5. Click **Apply and Close**. The Servers view opens in the lower part of the screen. If the Servers tab does not appear, perform the following:

   - Select **Window > Show View**.
   - Select **Other…**.
   - Select **Server > Servers**.

     Click **Open**

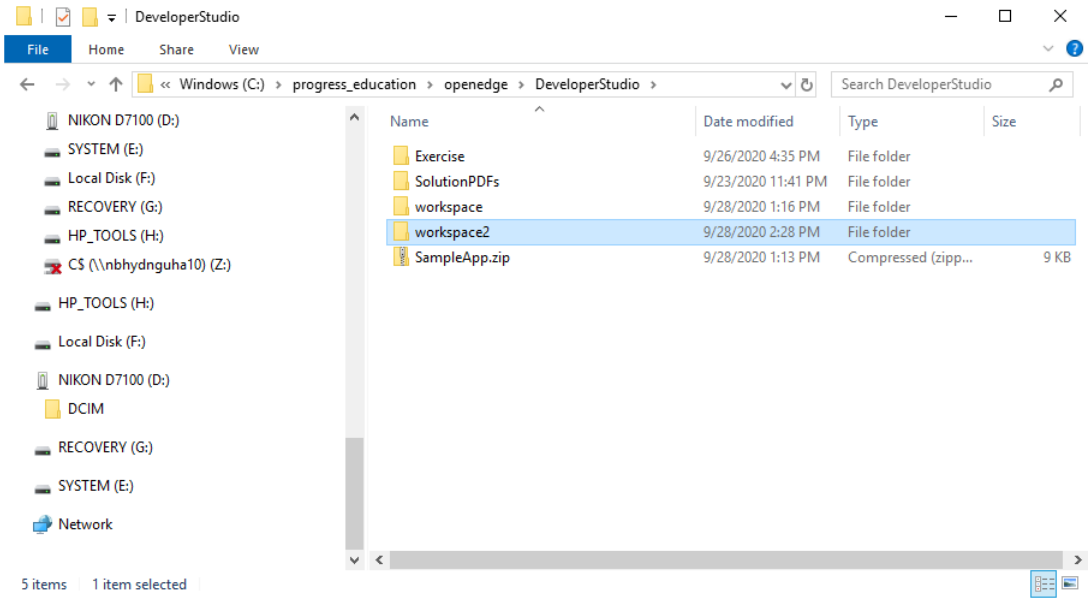


6. The Servers view enables you to start and stop application servers, as well as configure them. For example, if server-side code were to run in an application server, you would configure PROPATH and database connections for the application server.



Part 4—Creating a new workspace

1. In Windows Explorer, add a folder named **workspace2** under `C:\progress_education\openedge\DeveloperStudio`



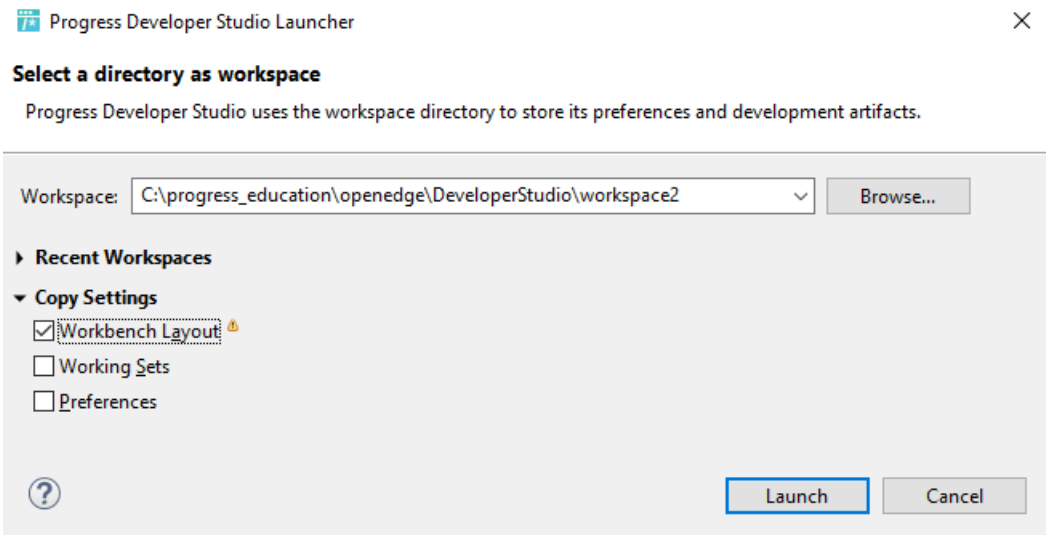
2. Create a new workspace by switching workspaces to the workspace2 directory that you just created. Next, you create a new workspace from your current workspace, copying the customized views you created earlier in this course.

   a. You create a new workspace from your current workspace, **File > Switch Workspace…**.

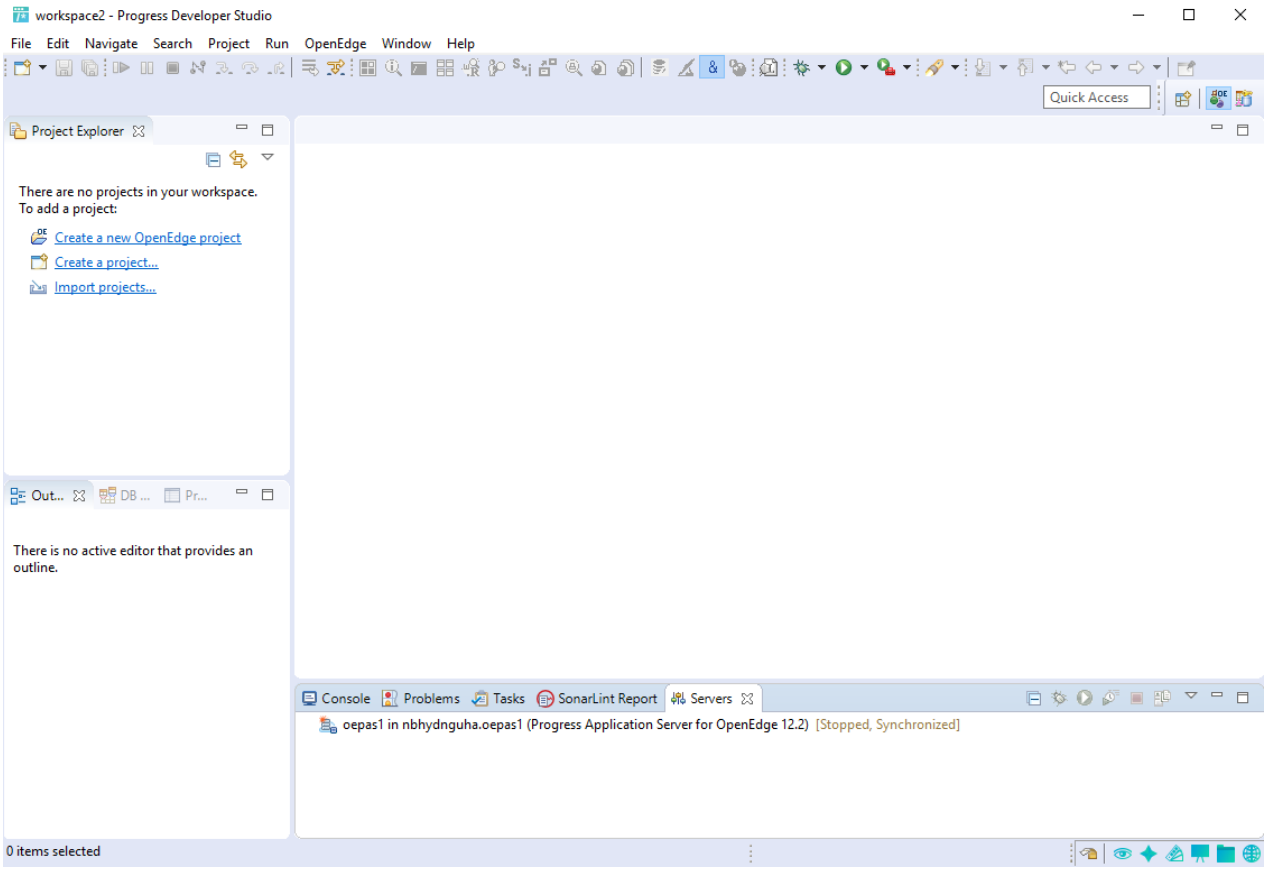
   b. Select **Other…**.

   c. Click the **Browse** button and then navigate to **workspace2** directory that you just created.

   d. Click the arrow beside Copy Settings to open the list of checkboxes. Select **Workbench Layout** and click **Launch**.



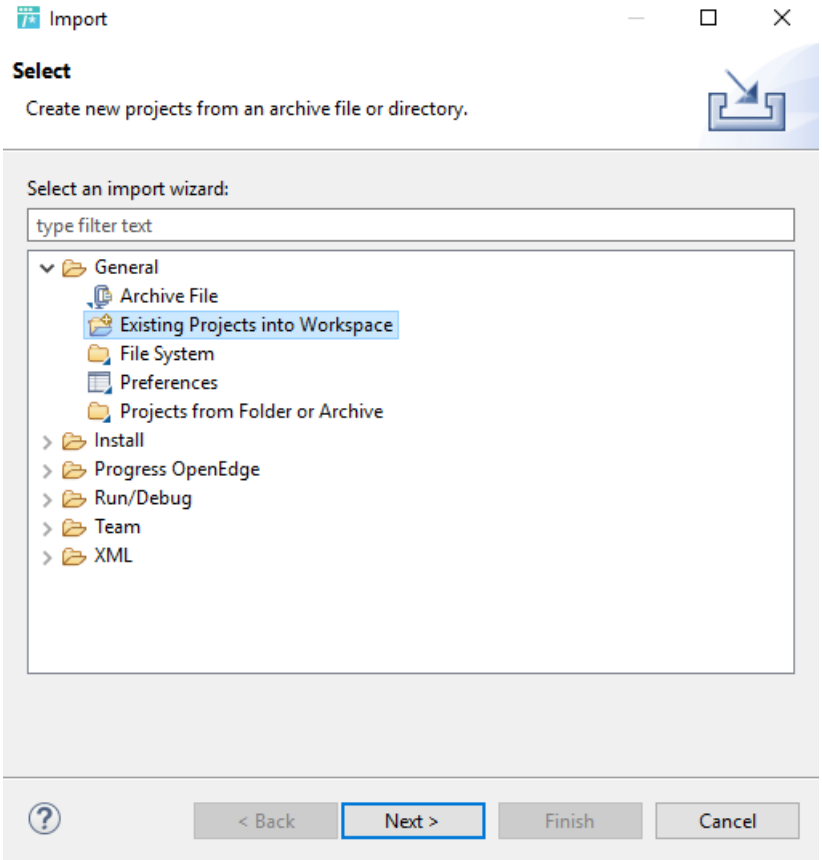
3. Developer Studio restarts. If you customized any views in the previous workspace that you worked with earlier in this course, did the view transfer to the new workspace2?


workspace2 - Progress Developer Studio
File Edit Navigate Search Project Run OpenEdge Window Help
Quick Access
Project Explorer
There are no projects in your workspace.
To add a project:
Create a new OpenEdge project
Create a project...
Import projects...
Out...
DB ...
Pr...
There is no active editor that provides an outline.
Console
Problems
Tasks
SonarLint Report
Servers
oepas1 in nbhydnguha.oepas1 (Progress Application Server for OpenEdge 12.2) [Stopped, Synchronized]
0 items selected

4. Import the **Server** project from the **SampleApp.zip** archive into workspace2:

   a. Select **File > Import…**.

   b. Select **General > Existing Projects into Workspace**.



   c. Click **Next**.

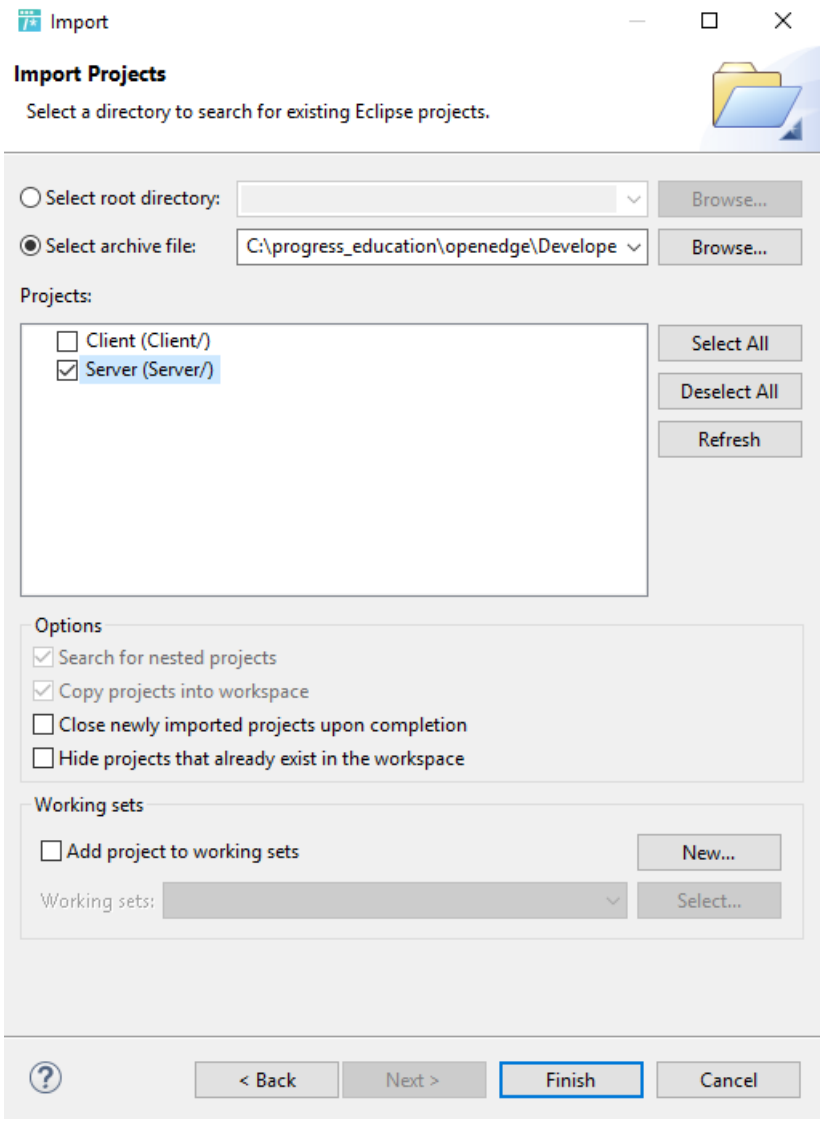
   d. Select **Select archive file**.

   e. Click the browse button and then navigate to and select `C:\progress_education\openedge\DeveloperStudio\SampleApp.zip`.

   f. Click **Open**.

   g. Uncheck the **Client** project in the Projects box.

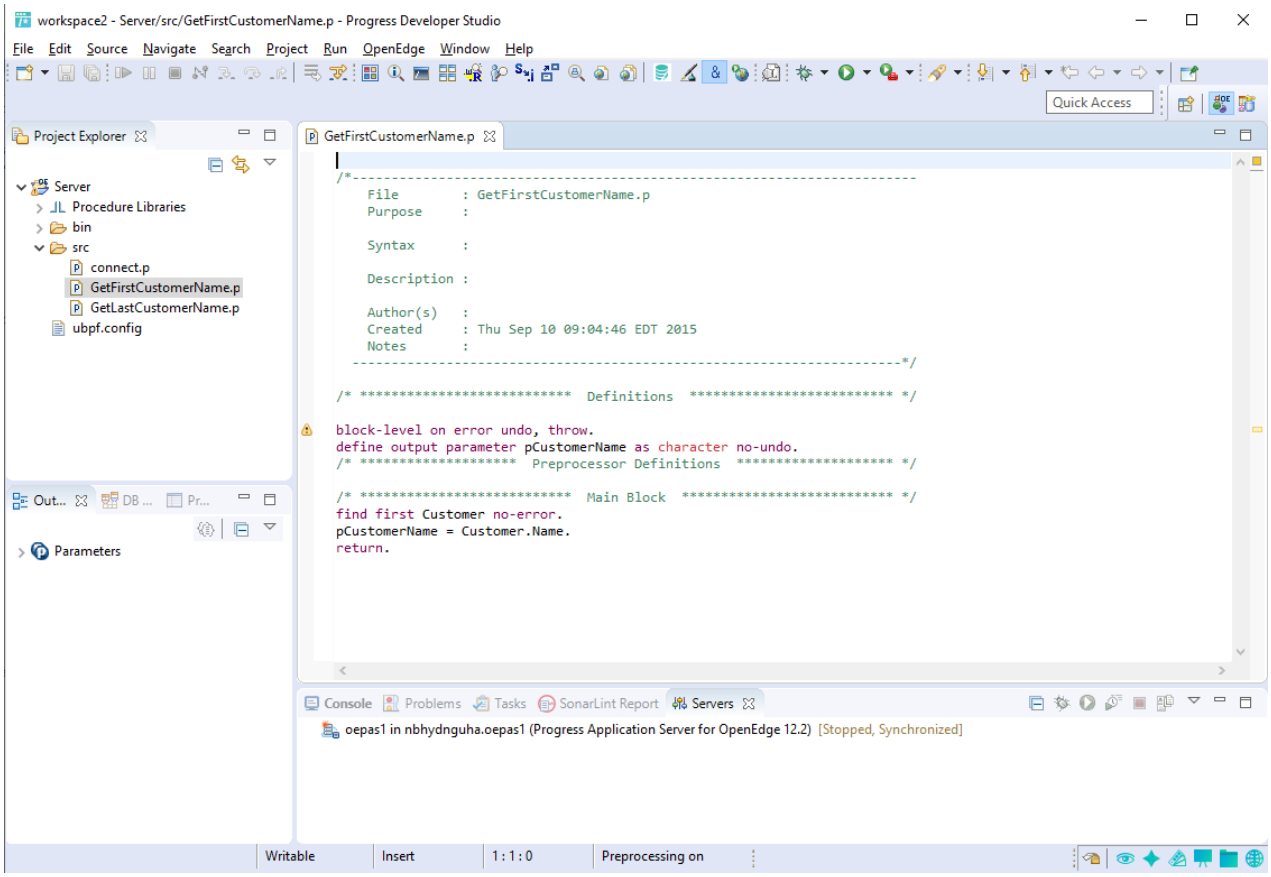
      Click **Finish**


Import
Import Projects
Select a directory to search for existing Eclipse projects.
Select root directory:
Browse...
Select archive file:
C:\progress_education\openedge\Develope
Browse...
Projects:
Client (Client/)
Server (Server/)
Select All
Deselect All
Refresh
Options
Search for nested projects
Copy projects into workspace
Close newly imported projects upon completion
Hide projects that already exist in the workspace
Working sets
Add project to working sets
New...
Working sets:
Select...
< Back
Next >
Finish
Cancel

5. Open **GetFirstCustomerName.p**. Does it show line numbers? It should not because the workspace preferences for this newly created workspace are the default which is to not show line numbers. In addition, lower case keywords are not acceptable (warning).

   a. In Project Explorer, navigate to **Server > src**.

   b. Double-click **GetFirstCustomerName.p**.

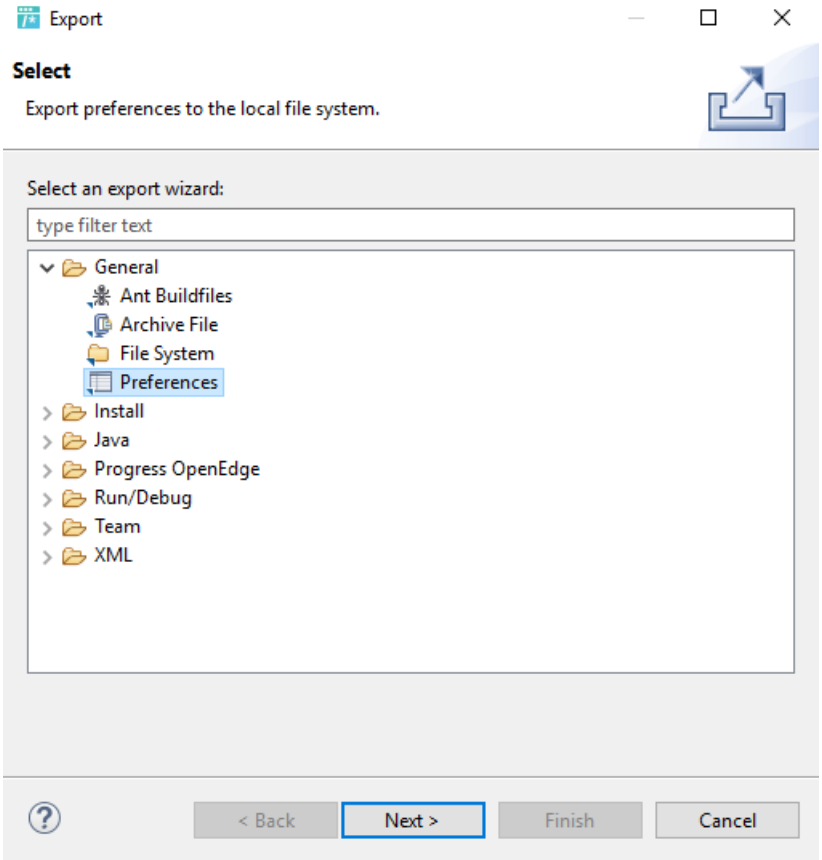


Part 5—Exporting and importing workspace preferences

Next, you switch back to your original workspace and export the workspace preferences. Then you switch workspaces an import the preferences.

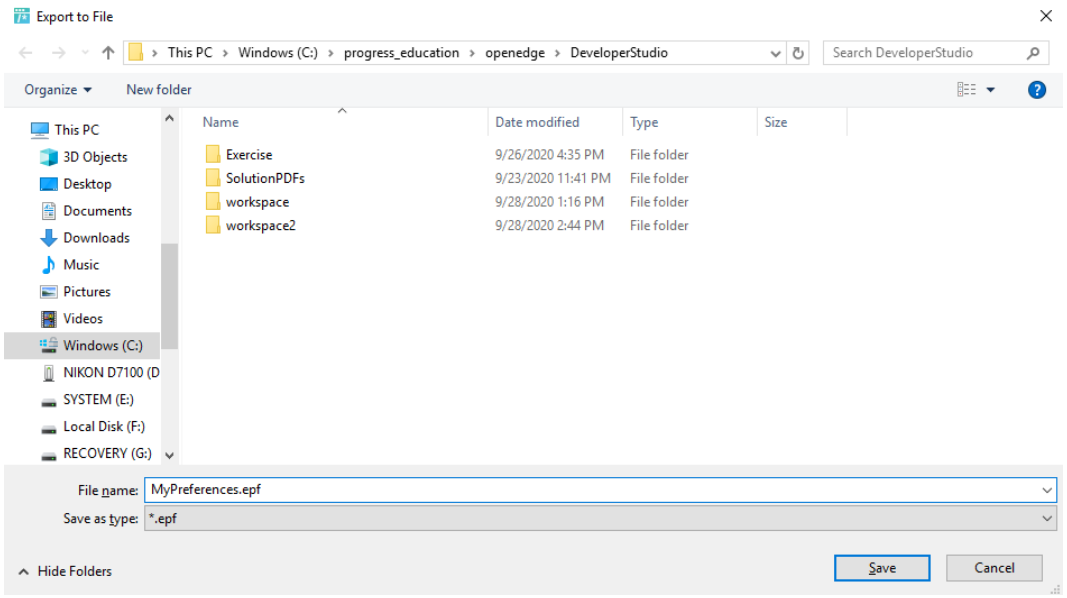
1. Switch back to your original workspace named workspace:
   a. Select **File > Switch Workspace…**.
   b. Select `C:\progress_education\openedge\DeveloperStudio\workspace` as the workspace that you want to switch to.
   c. Developer Studio restarts using the new workspace

2. Export the workspace preferences:
   a. Select **File > Export…**.
   b. Select **General > Preferences**.

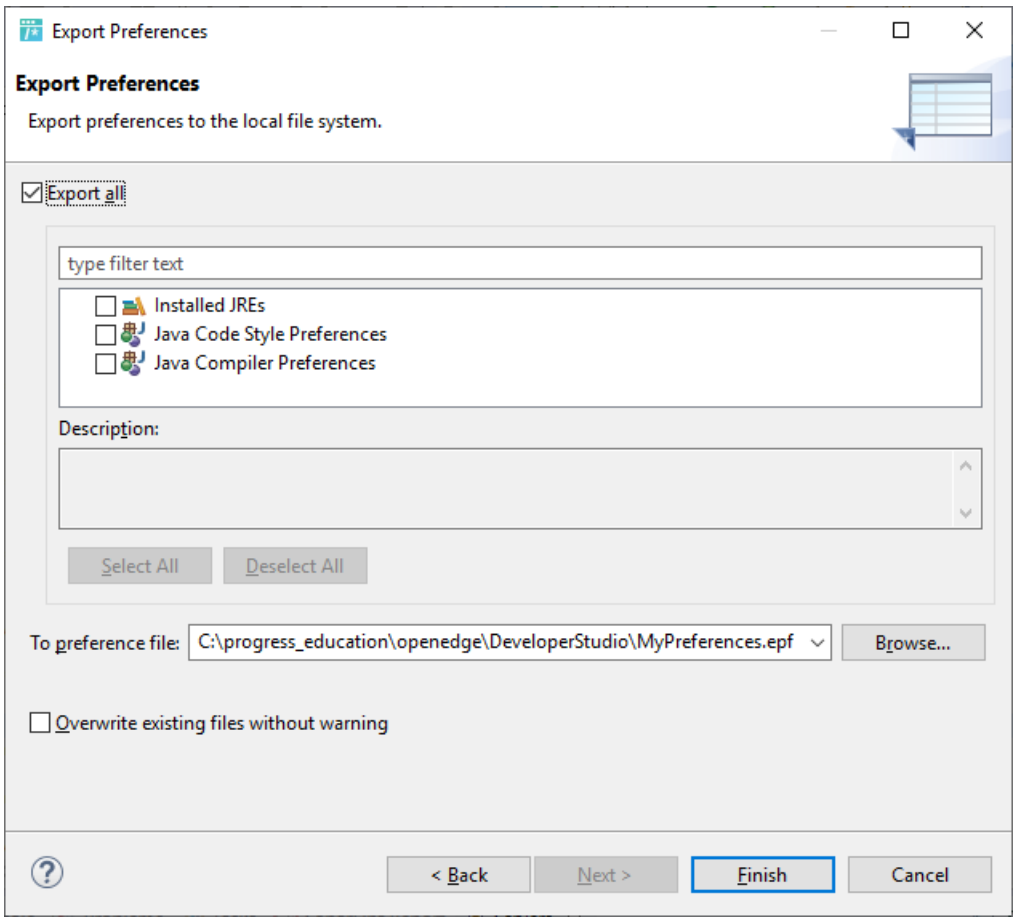


   c. Click **Next**.
   d. Ensure that **Export all** is selected.
   e. Specify the name and location of the preferences file as `C:\progress_education\openedge\DeveloperStudio\MyPreferences.epf`

      Click **Save**.



f. Click **Finish**.

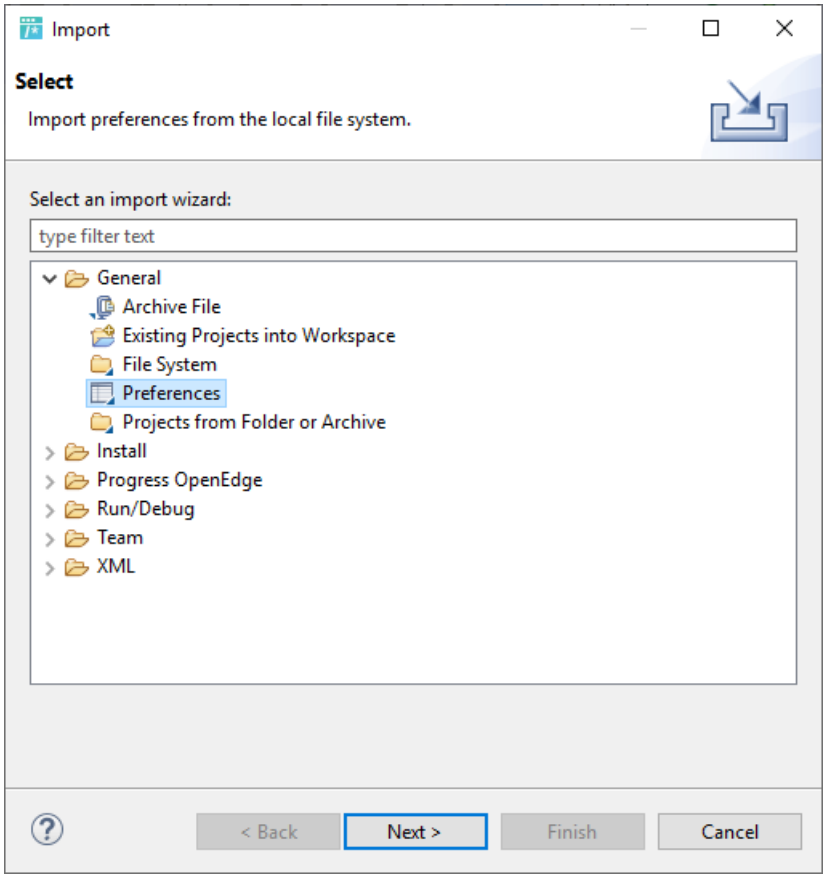


3. Switch back to workspace2:
   a. Select **File > Switch Workspace…**.
   b. Select the `C:\progress_education\openedge\DeveloperStudio\workspace2` as the workspace that you want to switch to.
   c. Developer Studio restarts using the new workspace

4. Import the workspace preferences:

   a. Select **File > Import…**.

   b. Select **General > Preferences**.

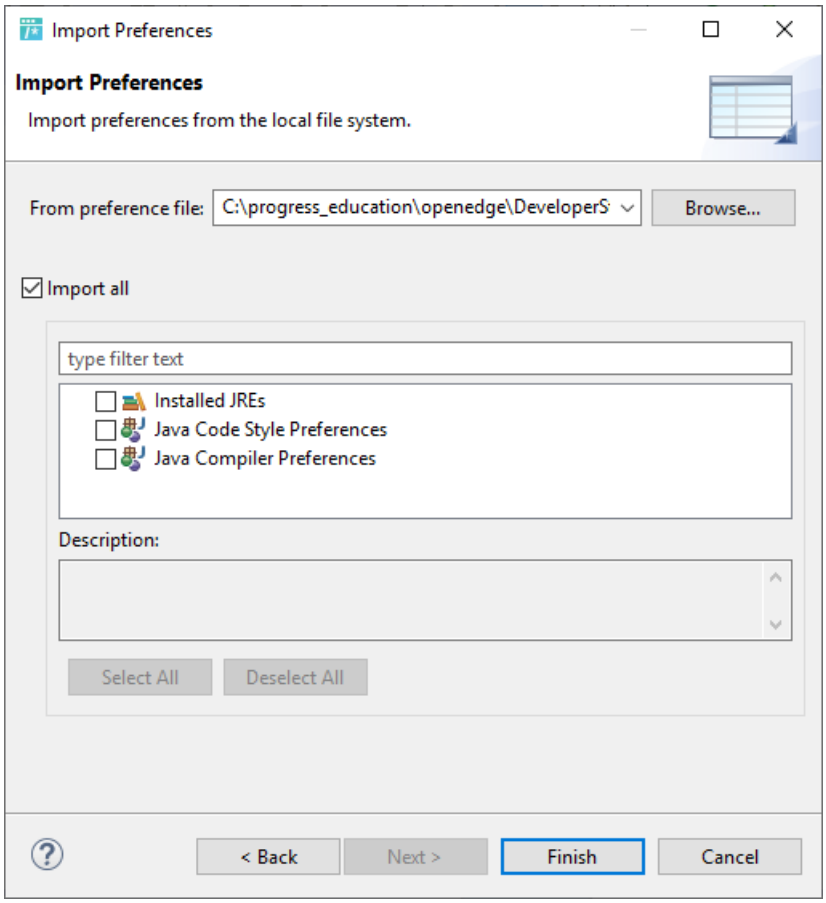


   c. Click **Next**.

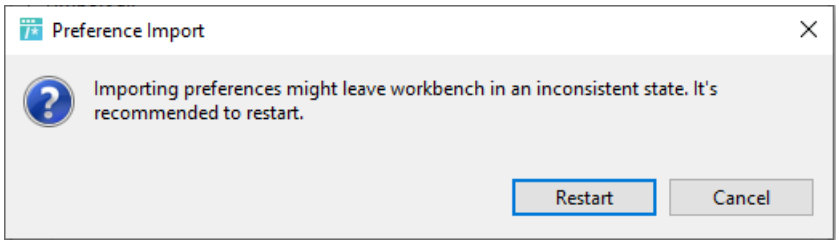
   d. Click the Browse button and then select the **MyPreferences.epf** file that you created earlier

   e. Ensure that **Import all** is selected.

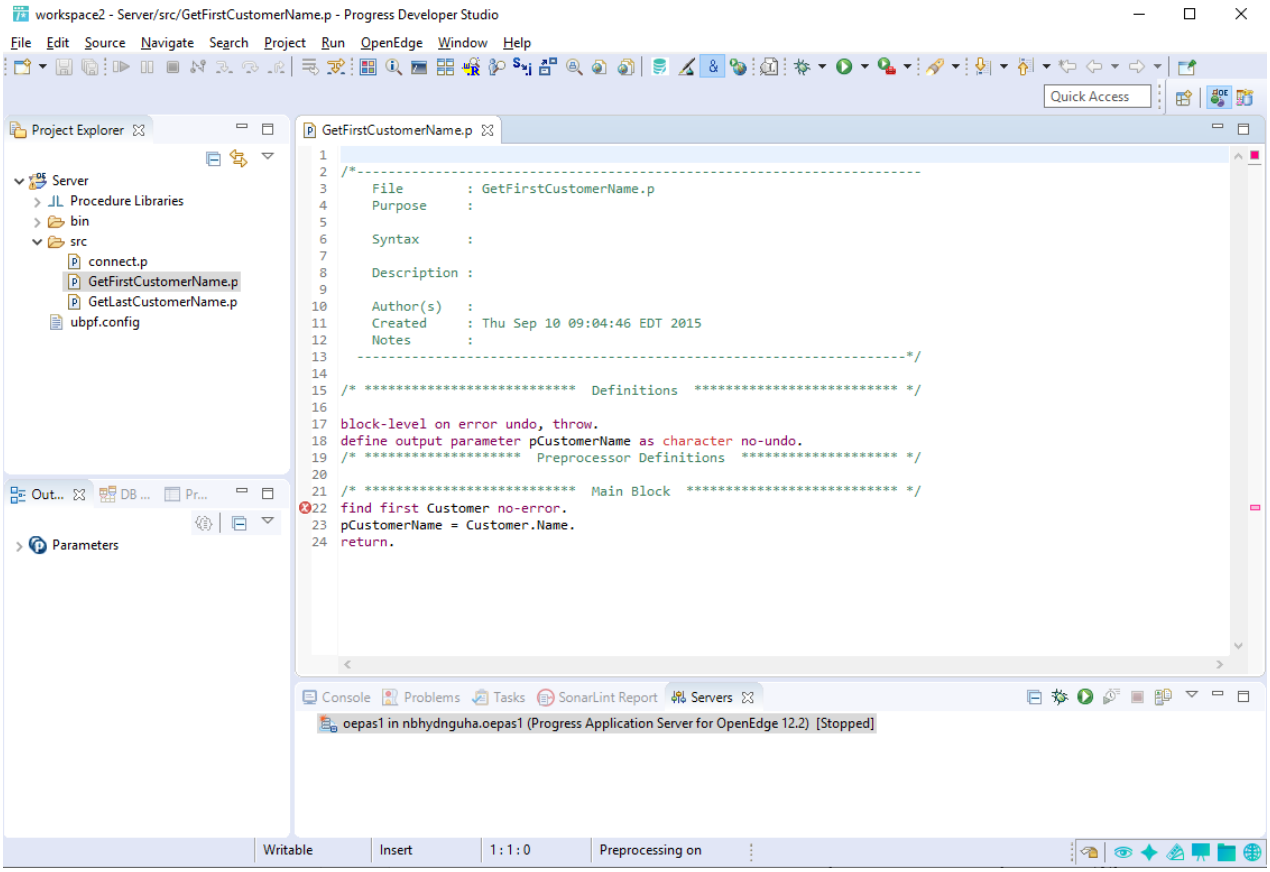
      Click **Finish**.



f. Developer Studio imports the preferences into your workspace after confirmation to restart.



5. Do the line numbers now appear in the **GetFirstCustomerName.p** procedure in OpenEdge Editor? Are the warnings gone about keywords in lower case?



Wrap-up

In this Guided Exercise you created an archive and then deleted a file and a project from your workspace. Then you created the Servers view. Next, you created a new workspace. Finally, you exported preferences from one workspace and imported them into another workspace.