

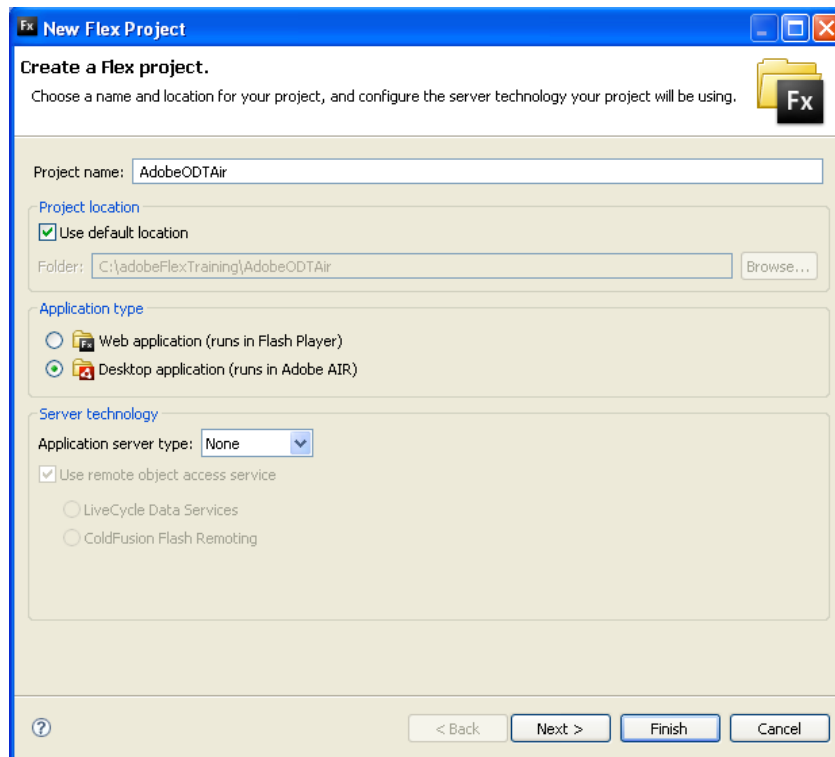
Creating and Deploying an Air Application

Note: The starter and solution files for this project do not include the LiveCycle Data Services technology that you implemented in Exercise 9. Removing that code simplifies the setup for this exercise. However, this means that the form submission functionality does not work. To implement the form submission with remote object, follow the steps in Exercise 9 and watch the associated video.

Create an AIR application

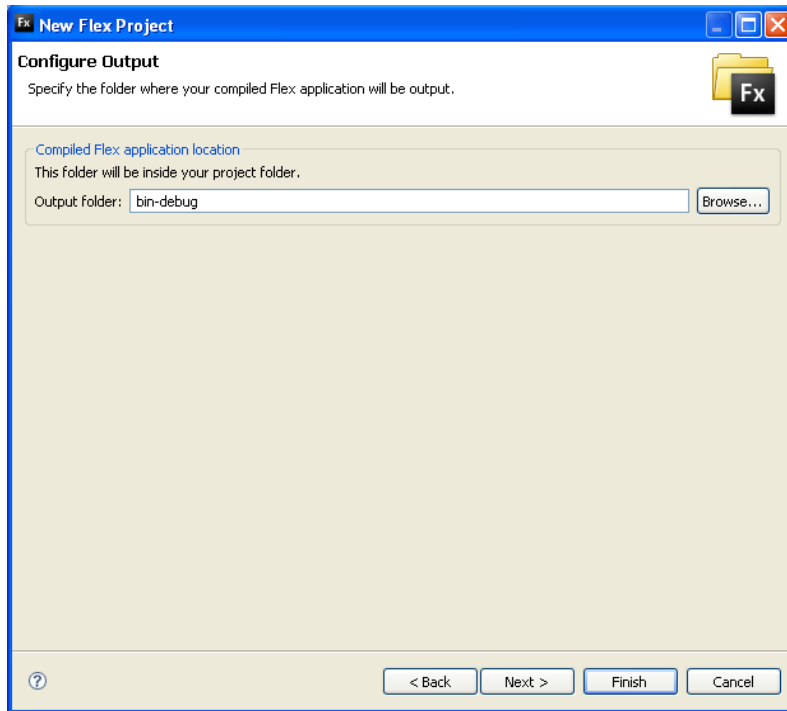
1. From the **Flex Builder** main menu, select **File > New > Flex Project**.
2. Name the project **AdobeODTAir**.
3. Save the project to **C:\adobeFlexTraining\AdobeODTAir**.
4. Set the **application type** to **Desktop application (runs in Adobe AIR)**.
5. Set the **application server type** to **None**.

The dialog window should appear as follows:

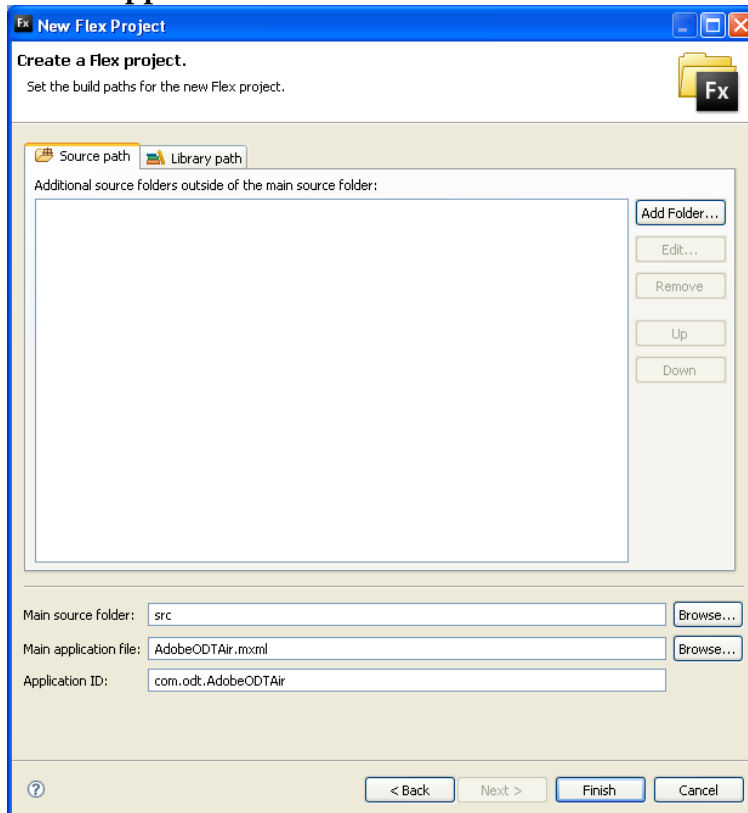


6. Click **Next**.
7. Leave the **Output folder** set to **bin-debug**.

Your dialog window should appear as follows:



8. Click **Next**.
9. Leave the **Main source folder** set to **src**.
10. Leave the **Main application file** set to **AdobeODTAir.mxml**.
11. Set the **Application ID** to **com.odt.AdobeODTAir**.



12. Click **Finish**.

You should see the **AdobeODTAir** project in the **Navigator** view. Within the **src** folder there are two files: **AdobeODTAir.mxml** and **AdobeODTAir-app.xml**.

13. In the **Navigator** view open the **AdobeODT** project and copy the following folders: **assets**, **components**, **events** and **vo**.

The **AdobeODT** project is the Flex project used in many of the other exercises. You are going to convert the Flex application from Exercise 12 to an AIR application. If you do not have the **AdobeODT** project, import the provided **Ex13_Starter.zip** file.

14. Paste the folders into the **src** folder of the **AdobeODTAir** project.
15. Open the **AdobeODT.mxml** in the **AdobeODT** project and copy the code excluding the **Application** tags.
16. Paste the code between the **WindowedApplication** tags in the **AdobeODTAir.mxml** file in the **AdobeODTAir** project.
17. If the **WindowedApplication** opening tag already contains a **layout** attribute, delete it.
18. In the **AdobeODT** project from the **AdobeODT.mxml** file, copy the following properties and values from the **Application** tag: **layout**, **backgroundColor**, **creationComplete**, **horizontalAlign**, **paddingTop**, and **xmlns:comp**.
19. Paste them into the **WindowedApplication** tag of **AdobeODTAir.mxml** in the **AdobeODTAir** project.

```
<mx:WindowedApplication
    xmlns:mx="http://www.adobe.com/2006/mxml"
    layout="vertical"
    backgroundColor="#FFFFFF"
    creationComplete="init()"
    horizontalAlign="left"
    paddingTop="5"
    xmlns:comp="components.*">
```

20. Add a **width** property with a value of 900 and a **height** with a value of 870.

```
<mx:WindowedApplication
    xmlns:mx="http://www.adobe.com/2006/mxml"
    layout="vertical"
    backgroundColor="#FFFFFF"
    creationComplete="init()"
    horizontalAlign="left"
    paddingTop="5"
    xmlns:comp="components.*"
    width="900" height="870">
```

21. Save **AdobeODTAir.mxml** file and run the application.

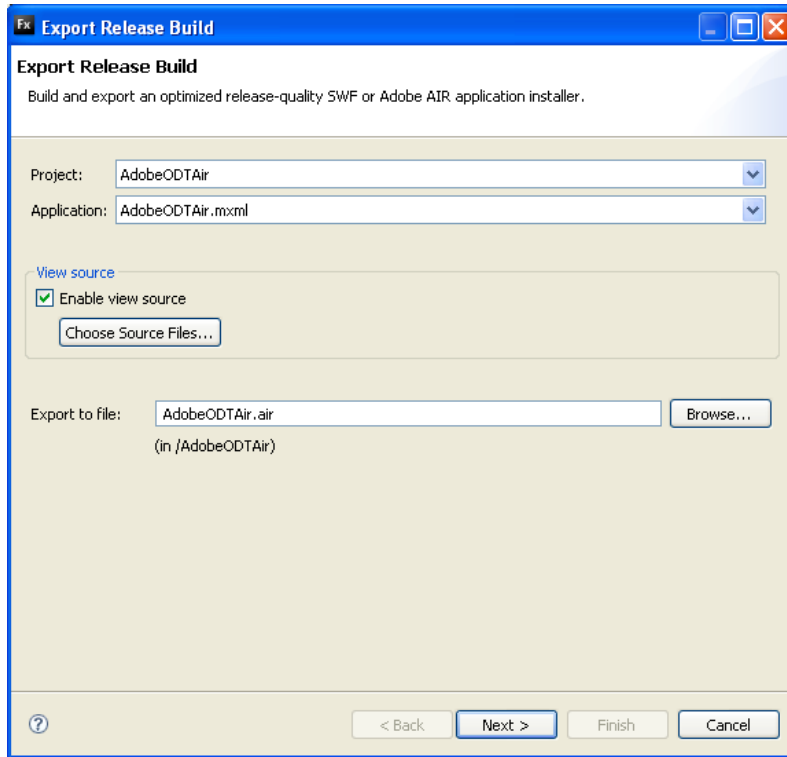
You should see the **AdobeODTAir** desktop application.

Note: If the Rooms Available panel is not populated, click on the Reset button to see the listings.

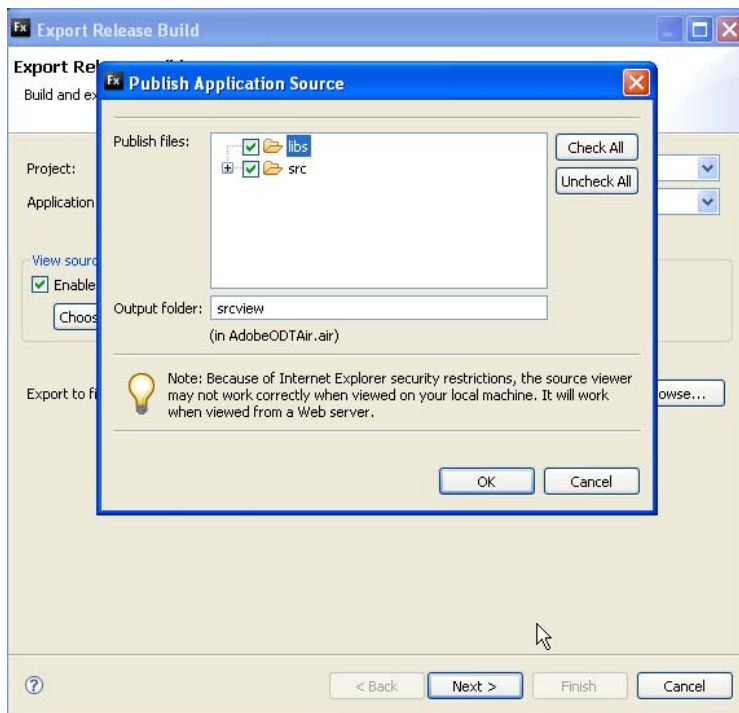
The screenshot displays the AdobeODTAir desktop application window. The title bar reads "AdobeODTAir". The main content area is titled "XYZ Convention Center" and includes contact information: "111 49th Ave, Denver, CO 80634 Phone: 303-555-1212 Fax: 303-555-1234". Below this is the "Room Reservation System" section, which contains a list of amenities with checkboxes: Microphone, Dance Floor, Food Station, Security, Extra Trash Receptacals, Projector, Special Lighting, Color Table Linens, Waitstaff, and Additional Electrical Outlets. A "Room Size For:" input field is followed by "Search" and "Reset" buttons. The main area is divided into two columns. The left column lists two rooms: "Colorado Room" (Capacity: 150, Room Size: 20x20) and "Mile High Room" (Capacity: 100, Room Size: 25x30). Each room listing includes a small image of the room and a list of event types and amenities. The right column is titled "Contact Information" and contains several text input fields for "Full Name", "Address", "City", "State", "Postal Code", and "Phone". Below this is the "Room Information" section, which includes a "Date Needed" field with a calendar icon, an "Event Type" dropdown menu, and fields for "Room Name", "Capacity", and "Room Size". A "Selected Options:" label is present below the room information fields. A "Submit" button is located at the bottom of the right column.

Deploy the Air application

1. From the **Flex Builder** main menu select **Project > Export Release Build**.
2. Select the project **AdobeODTAir**.
3. Select the application **AdobeODTAir.mxml**.
4. Check the **Enable view source** checkbox.
5. The export file is **AdobeODTAir.air**.

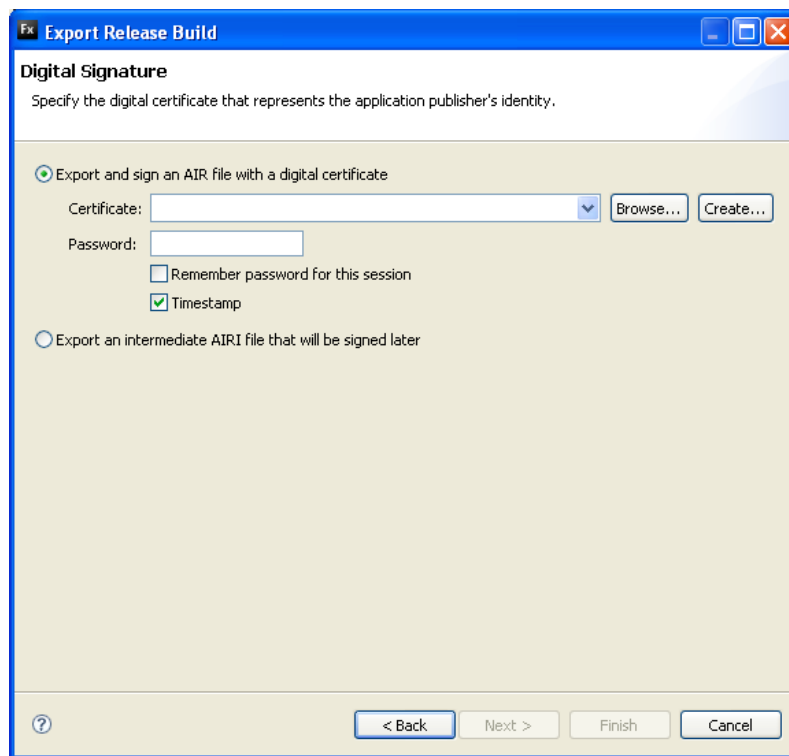


6. Click **Choose Source Files**.
7. Check all the checkboxes (default).
8. The output folder should be **srcview**.

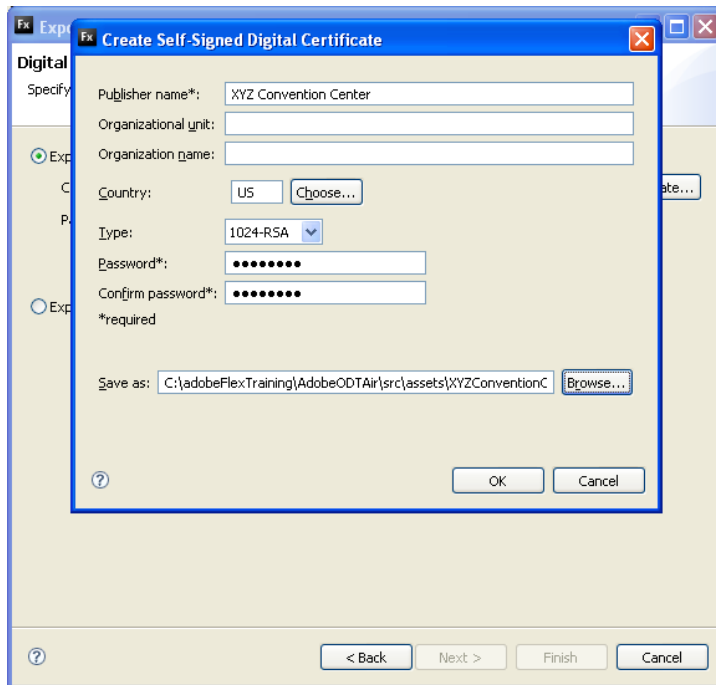


9. Click **OK**.

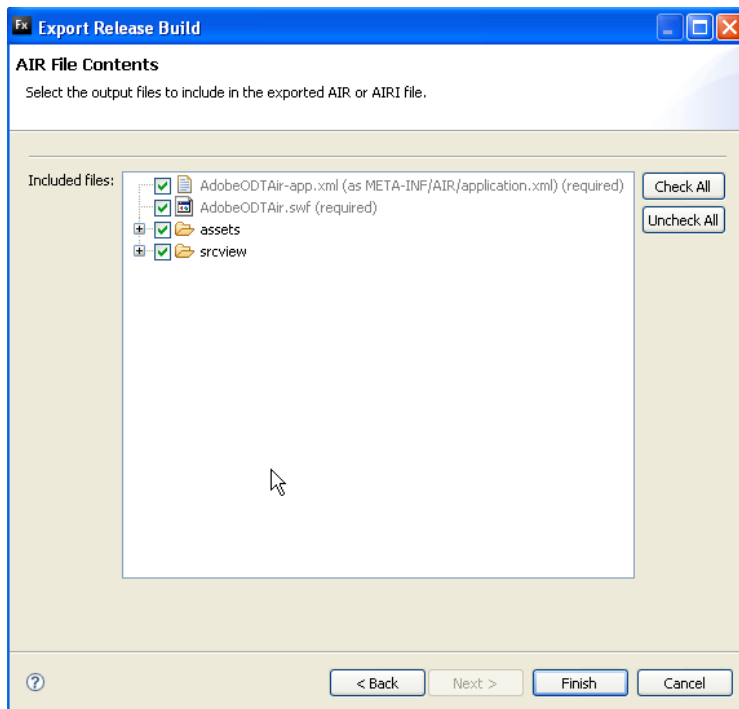
10. Click **Next**.
11. Select **Export and sign an AIR file with a digital certificate**.



12. Click **Create**.
13. Enter the publisher name as **XYZ Convention Center**.
14. Enter the password as **adobeodt**.
15. Reenter the password as **adobeodt**.
16. Click **Browse**.
17. Navigate to the **bin-debug** folder for the project on the file system. Within the project, navigate to the **assets** folder.
18. In the **Save As** field of the dialog box, name the file that you want to save in the **assets** folder **XYZConventionCenter**.
19. Click **Save**.



20. Click **OK**.
21. Click **Next**.
22. Check all the checkboxes (default).



23. Click **Finish**.
You should see the **AdobeODTAir.air** file in the **Navigator** view.
24. Double-click the **AdobeODTAir.air** file to begin installation.
25. Review the installer information then click **Install**.
26. Review the installation settings, click **Continue**.
27. When installation is complete, click **Finish**.
The **AdobeODTAir** application should run automatically.
28. Close the application.