

Creating a New Application

An application is a project which can contain an internal system within an organization, such as human resources, billing, customer services etc. In this task, you will create a new ApplinX application. Every ApplinX application is connected to a host and has a repository containing all the ApplinX entities. The steps detailed in this task include the basic steps required to create an application. Advanced configuration is explained in *Application Configuration Parameters* in the *Reference Guide*.

▶ To create an ApplinX application

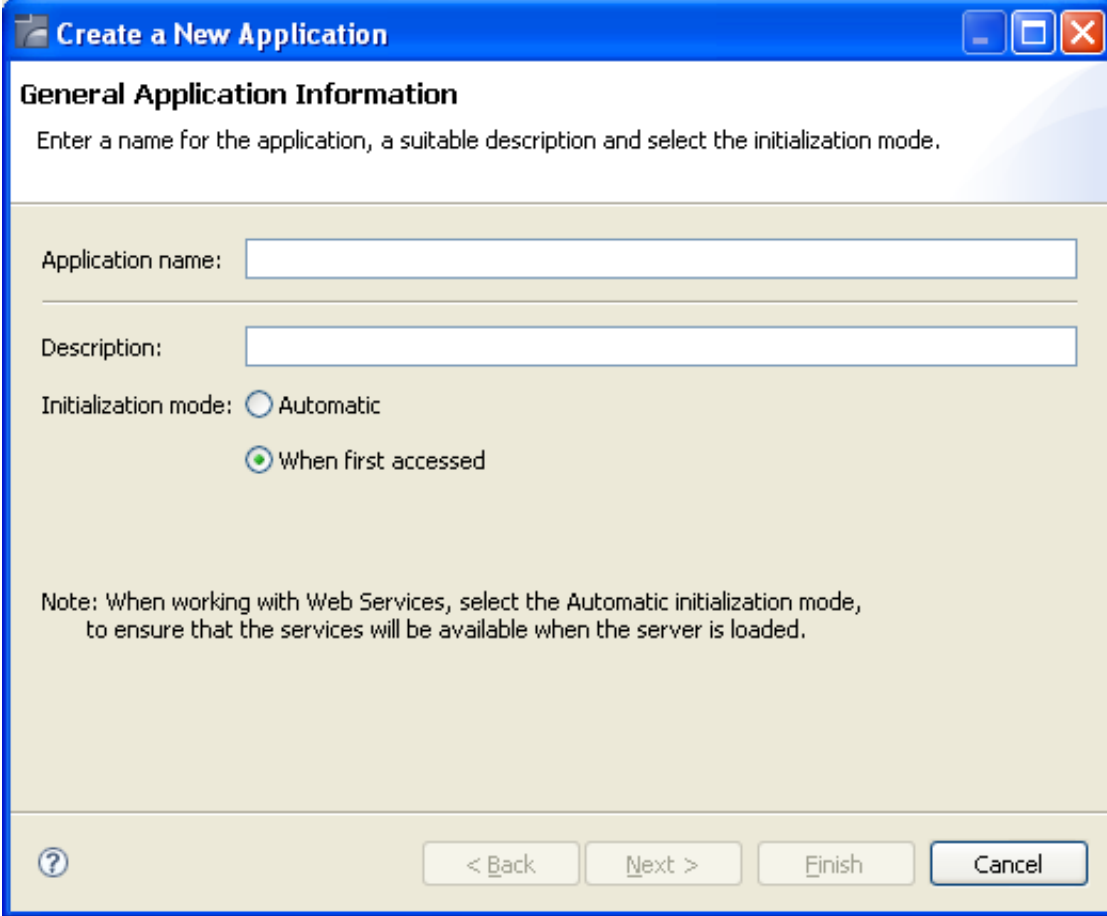
Before creating a new application, ensure that ApplinX server is available and running, and start the Designer. Log in to the relevant server or add an additional server as required (refer to the sections *Logging on* and *Adding a New Server Connection*).

1. In the ApplinX Explorer, right-click on the ApplinX server and select **New Application...** .

Or:

Select the menu item **File > New > Other....** In the resulting window, expand the **Software AG** node, then the **ApplinX** node, select **Application**, and then click **Next**.

The **Create a New Application** wizard is displayed.



The screenshot shows a Windows-style dialog box titled "Create a New Application". The dialog has a blue title bar with standard minimize, maximize, and close buttons. The main content area is titled "General Application Information" and contains the instruction: "Enter a name for the application, a suitable description and select the initialization mode." Below this, there are three input fields: "Application name:" followed by a text box, "Description:" followed by a text box, and "Initialization mode:" followed by two radio button options: "Automatic" and "When first accessed". The "When first accessed" option is selected, indicated by a green dot. At the bottom of the dialog, there is a "Note" section that reads: "Note: When working with Web Services, select the Automatic initialization mode, to ensure that the services will be available when the server is loaded." The bottom of the dialog features a row of buttons: a help button (question mark icon), "< Back", "Next >", "Finish", and "Cancel".

2. Enter a name for the application and a suitable description.
3. Select the initialization mode:

Automatic

Automatically loaded when the server is started.

When first accessed

Loaded when first accessed, in other words, when the code that initializes startup is first called (default).

4. Click **Next**.

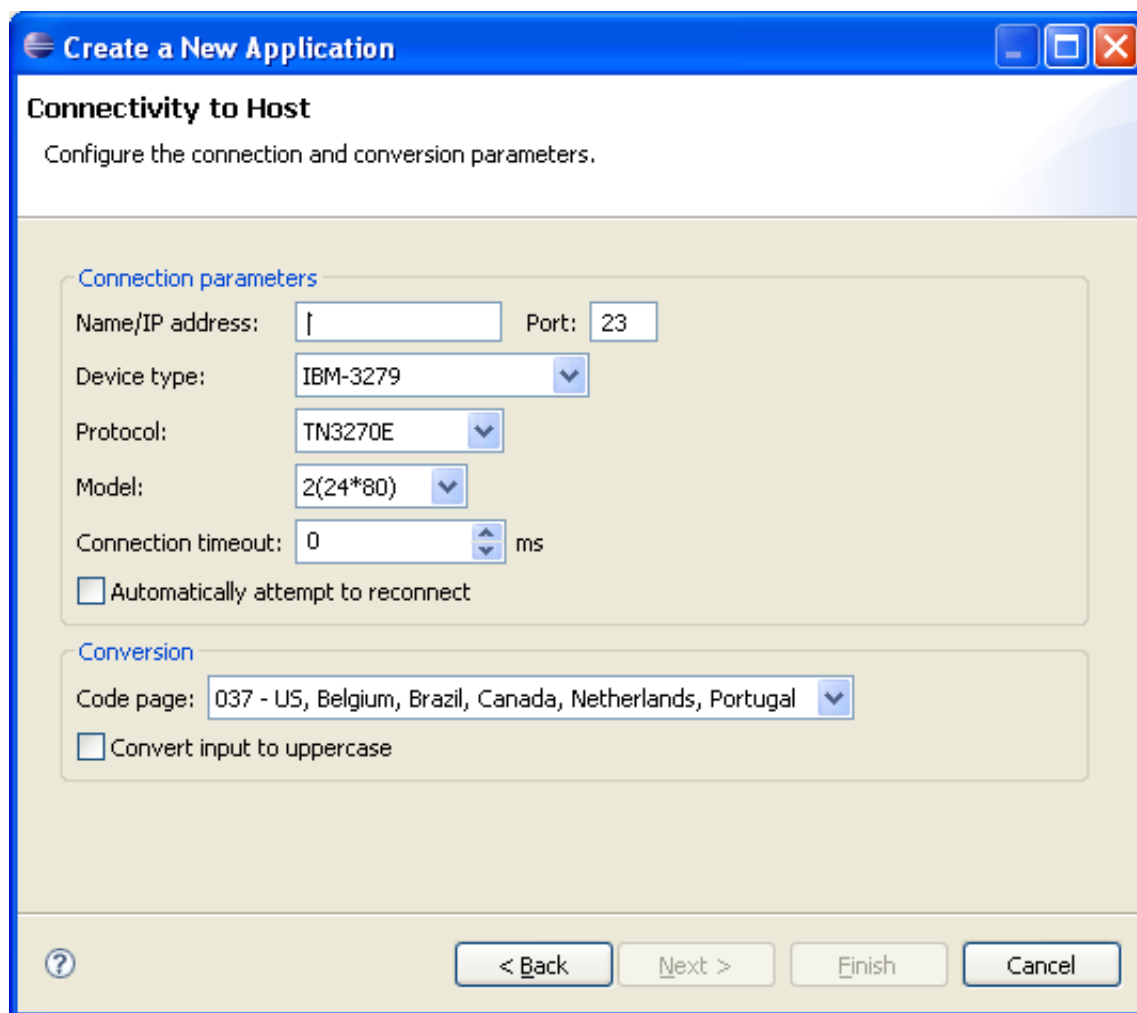
The screenshot shows a Windows-style dialog box titled "Create a New Application". The main heading is "Select a Host" with a subtitle "Select whether to connect to an existing host or to define a new host." Below this, there are two radio button options: "Existing host:" and "New host:". The "New host:" option is selected. To the right of the "Existing host:" option is a dropdown menu showing "SAG_MainFrame" and an "Edit..." button. Below the "New host:" option, there are two fields: "Host name:" with a text box containing "Application", and "Host type:" with a list box containing the following items: "AS/400", "MainFrame" (which is highlighted), "Natual-Unix", "Fujitsu", "Unisys", "BS2000", and "Tandem". At the bottom of the dialog, there is a help icon (?), and four buttons: "< Back", "Next >", "Finish", and "Cancel".

Select whether to use an existing host or to create a new host.

Note:

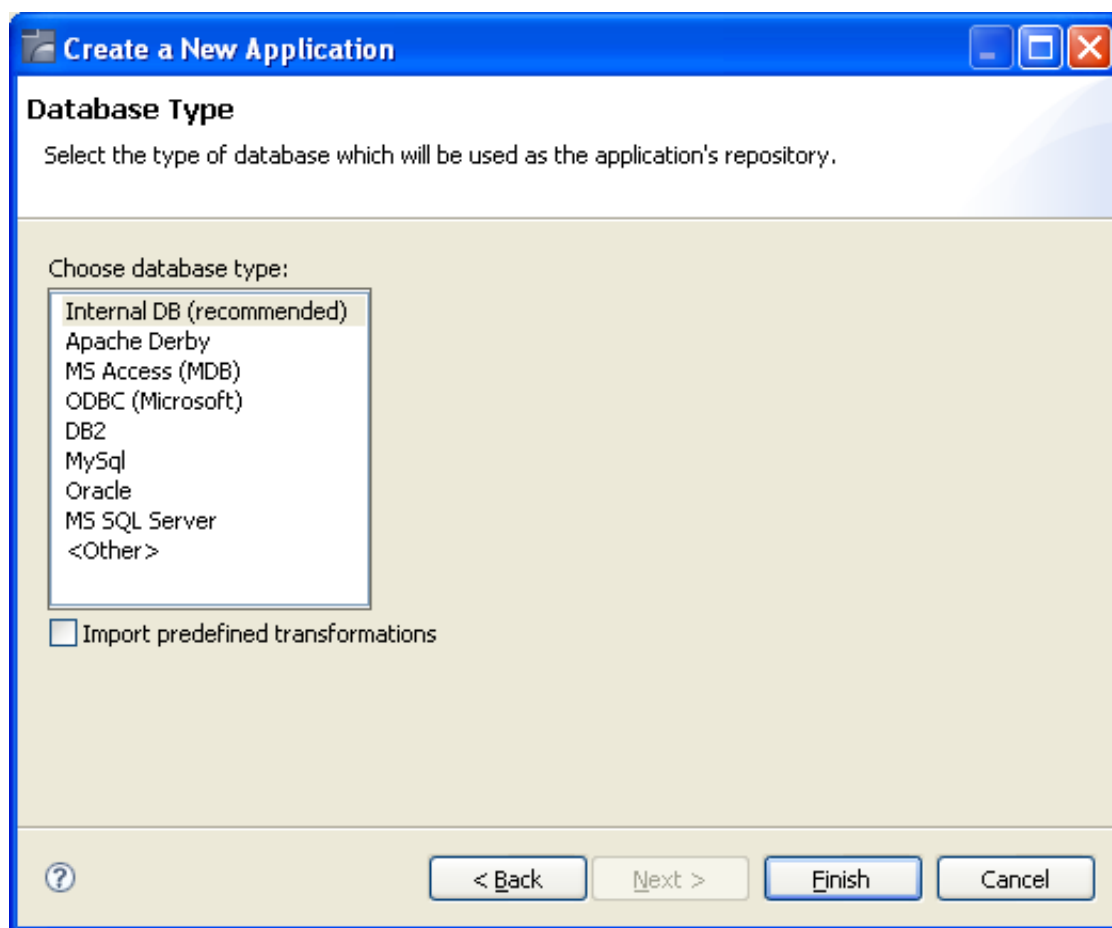
SAG_MainFrame is accessible only from within the Software AG network. Therefore, this host can only be selected when working offline using a trace file.

- When selecting to define a new host, enter a name for the host and select the relevant type of host. Click **Next**.



The host connection and conversion parameters are displayed. It is mandatory to enter the host's name/IP address (IPv4 and IPv6 address formats are supported). Configure the other parameters as required. Further details of these parameters are available in *Host Configuration Parameters* in the *Reference Guide*.

- Click **Next** to create and configure a rvbepository for your application.



Select the repository type. The ApplinX repository is used to hold ApplinX entities such as the Screens, Paths, Services, Programs and Procedures. It is recommended to use the Internal DB, as this repository's performance is optimized. The ApplinX repository database can be any JDBC/ODBC compliant database such as Apache Derby, Oracle, SQL server, Adabas, DB2 or Microsoft Access.

Select whether to import predefined transformations. ApplinX predefined built-in transformations provide you a basic kit of commonly used transformations. Once you have imported the transformations, they will appear in the list of transformation entities in the repository and they are ready to either be used as-is or to be further edited and customized to suit your exact needs.

If you selected to work with **Internal DB**, click **Finish**.

Otherwise click **Next** to configure the repository parameters.

Create a New Application

Database Configuration

Configure the parameters to suit the selected database.

Path:

Username:

Password:

URL additional parameters

Name	Value
<input type="text"/>	

[Add Parameter](#)

[Delete Parameter](#)

Driver: org.apache.derby.jdbc.EmbeddedDriver

Url: jdbc:derby:host-applications/Application/db/derby

7. Click **Finish**. The application is displayed in the ApplinX Explorer. It is possible to further configure the application properties by right-clicking on the application name and selecting **Properties**. Refer to *Application Configuration Parameters* in the *Reference Guide* for details regarding the advanced configuration properties.

Confirming Connectivity

► To confirm connectivity to the host

1. In the ApplinX Explorer, expand the relevant application node.
2. Expand the **Sessions** node. Right-click on **Default** and select **Connect**. The first host screen is displayed and the icon of the default session changes to . Navigate between the screens to confirm connection and host functionality. If there is a connection problem, check that the host is working and that the host definitions are correct.

Further information regarding application configuration can be found in *Defining Applications* in the *Designing and Developing an Application* documentation.