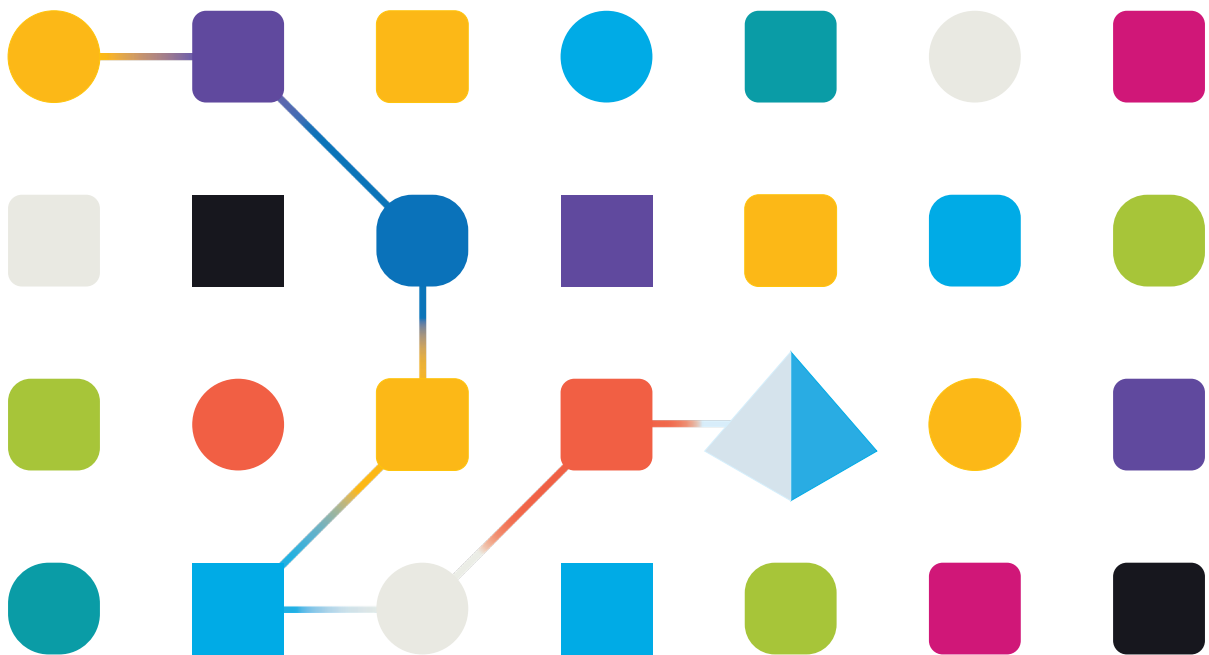


Blue Prism Mainframe Guide

Reflection for IBM 9

Document Revision 1.0



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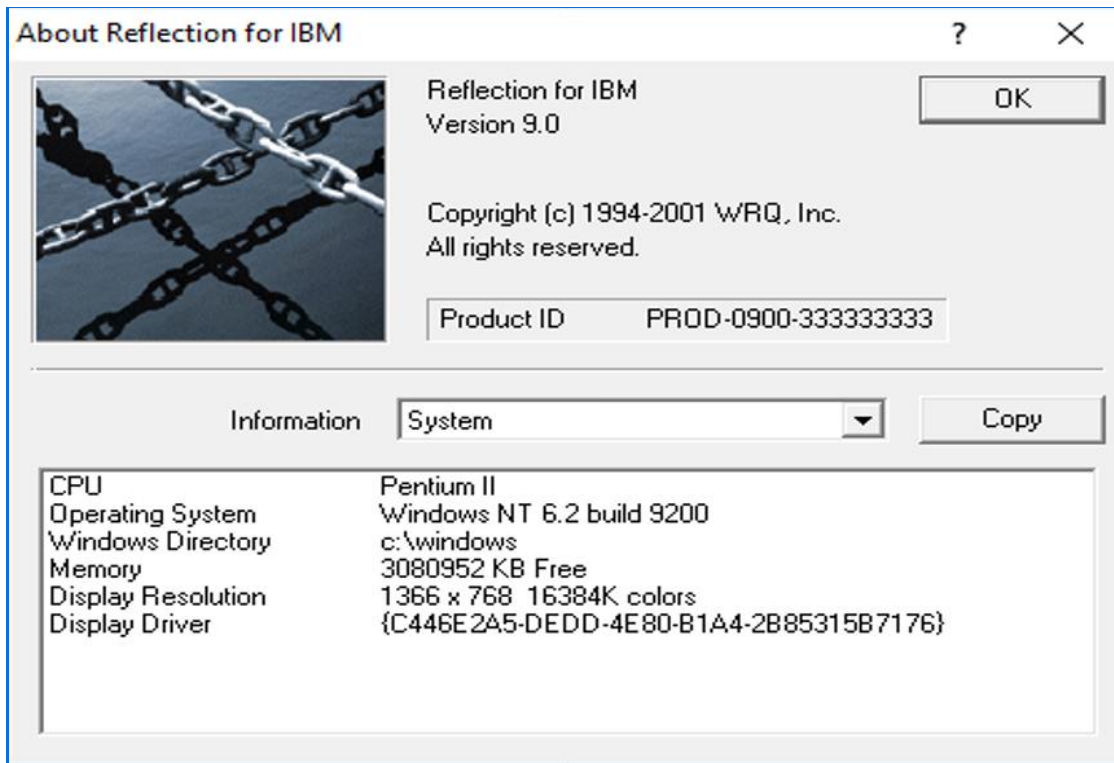
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How to configure Reflection for IBM 9



Tested on Blue Prism v6.2.1 and above

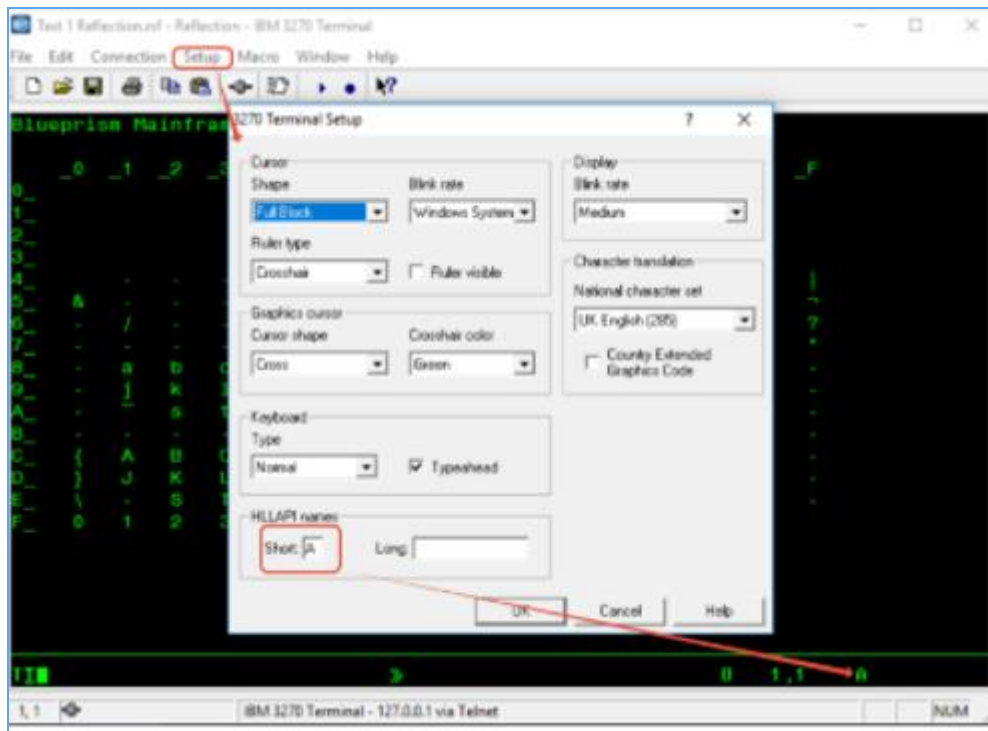
Connecting a HLLAPI Application to Reflection

Multiple HLLAPI applications can connect to Reflection but only one HLLAPI application may connect to one Reflection session at a time. To connect multiple HLLAPI applications to Reflection, follow the steps below for each HLLAPI application you intend to run.

To connect a HLLAPI application to Reflection:

1. Start a Reflection session. To start a new host session while Reflection is running, click **New Session** on the File menu, select **Reflection for IBM**, and then click **OK**.
2. Connect to the host.
3. On the **Setup** menu, click **Terminal** to open the **Terminal Setup** dialog box.
4. If there is a value in the **Short box** in the HLLAPI names group, ensure it's the same HLLAPI short name that your application uses. If there is no value in this text box, type one in.

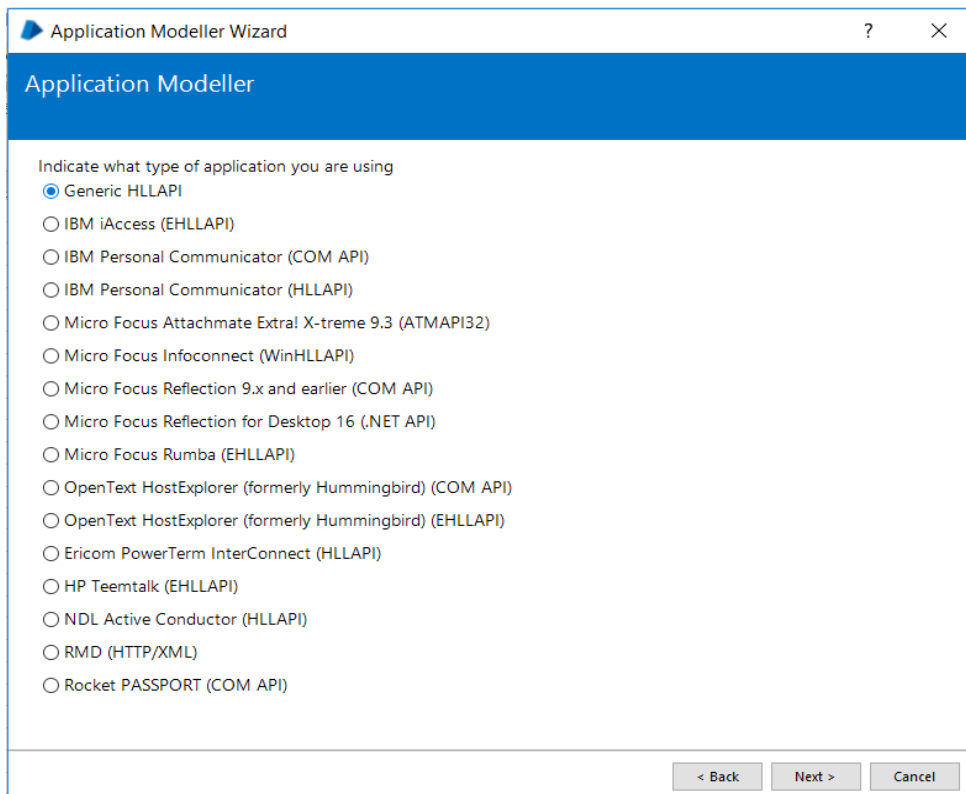
Note: The Short name is a unique name used by a HLLAPI application to identify a host session. You can use any single letter, from A to Z, as a Short name value. Case is not significant since Reflection automatically converts the value to upper case.



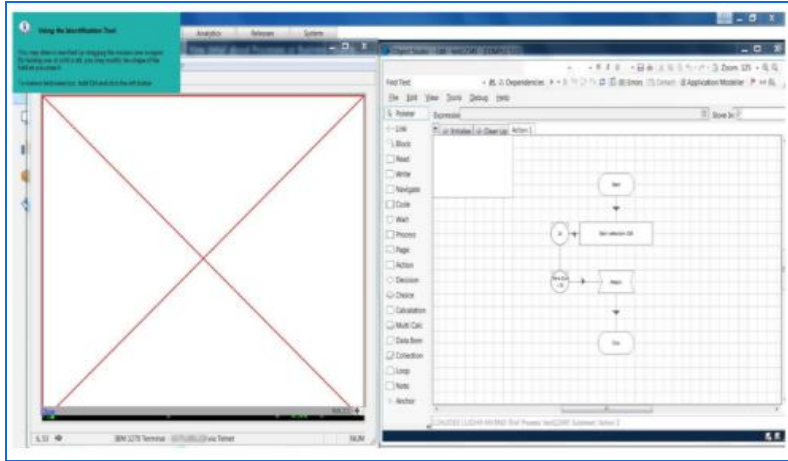
5. Click **OK** to close the Terminal Setup dialog box.
6. Leave the Reflection session and set up Blue Prism for the HLLAPI connection as described in the next section.

Setting up Blue Prism for the HLLAPI connection

1. Create a new Business Object, and set the object type to be “**Mainframe**”
2. In the mainframe selection screen use the “**Generic HLLAPI**” connector.



3. Set the DLL Name to be the full path to the “Hllapi32.dll” file
4. Set the DLL Entry Point to be “hllapi”
5. Set the Calling Convention to be “Windows API”
6. Set the session type to “Standard”>>> **Very important, because failing to do so might result to:**



- Set the Session Identifier to be the **Short Name value**, as set up in the previous section.

The screenshot shows the 'Application Modeller' dialog box with the following configuration:

- Application Name:** Reflection for IBM test- Electrolux
- API Code Page:** Vietnamese (Windows) [1258]
- DLL Name:** C:\Program Files\Blue Prism Limited\Blue Prism Automate\Hllapi32.dll
- DLL Entry Point:** hllapi
- Calling Convention:** Windows API
- Session Type:** Standard
- Session Identifier:** A
- Select the Application Manager mode:** External, 32 bit mode
- Provide the time that the object will wait for the application to respond before throwing an exception:** Days [] Hours [] Mins [] Secs []
- If necessary, enter any options specific to this target application, as directed by Blue Prism technical support:** []

Buttons at the bottom include: Add Element, Add Child, Launch, Diagnostics, Application Wizard, OK, Cancel, and Apply.

- Click **Apply > OK**, then you should be able to launch, attach and spy;

