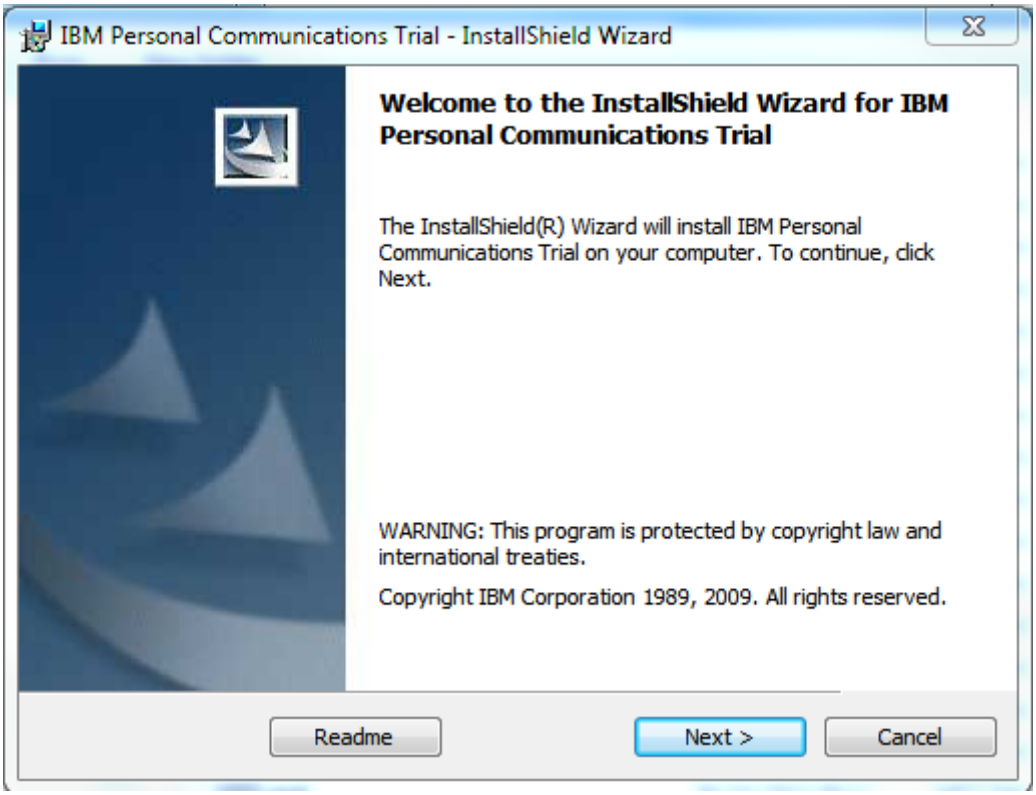
IBM Personal Communications Emulator

Pre-Requisites

- Minimum Blue Prism versions: **v4.2.59**, or **v5.0.13**
- IBM Personal Communications emulator software **v6.0.16**



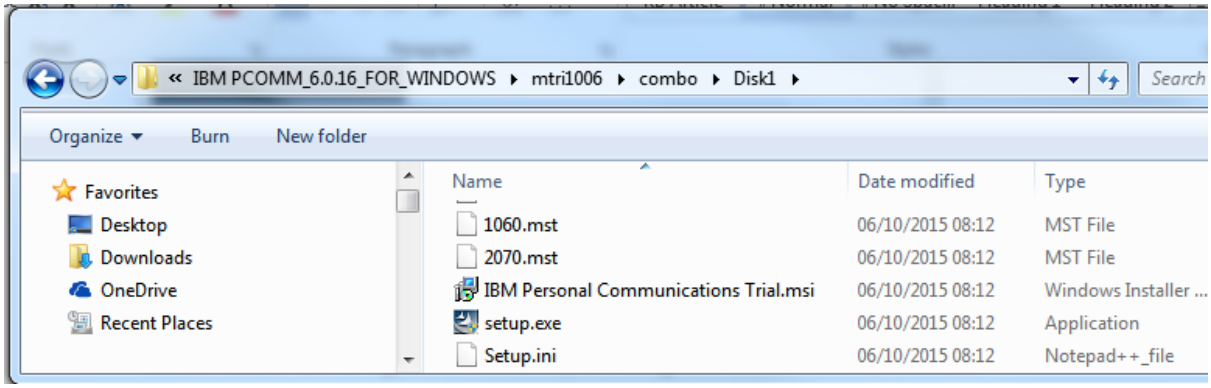
PComm Installation

The software is available from this link:

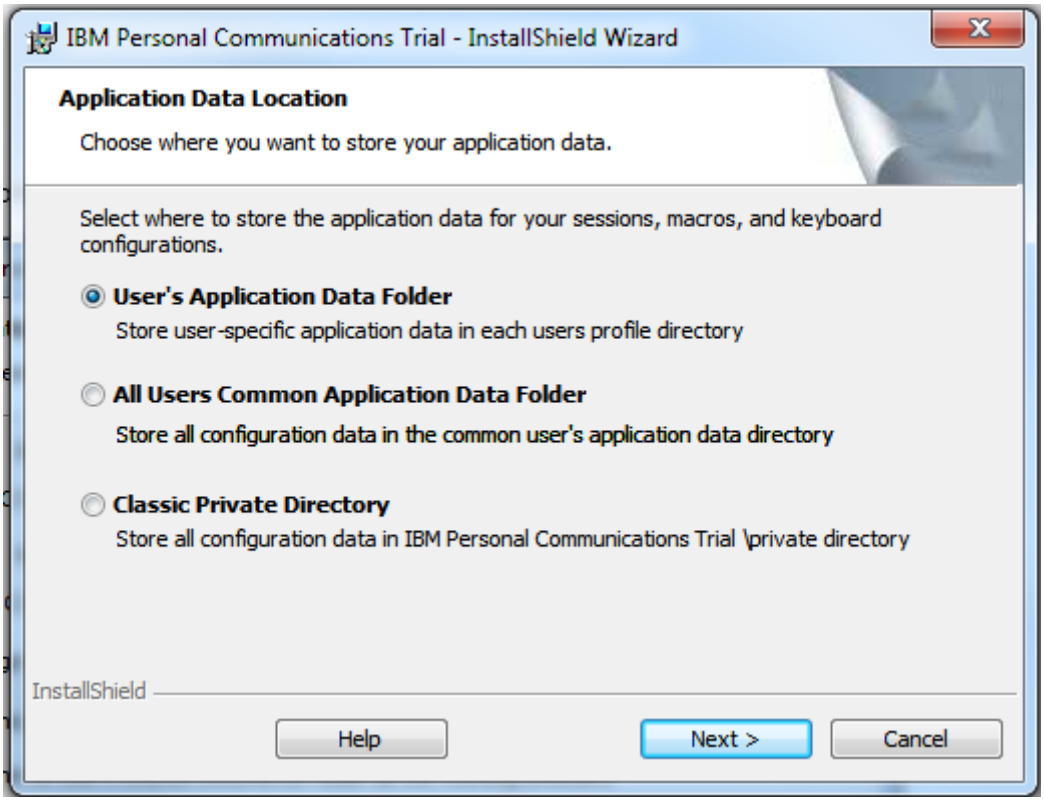
https://www.ibm.com/developerworks/downloads/r/pcomm/

You will need an IBM ID registered with IBM before being able to obtain this trail software.

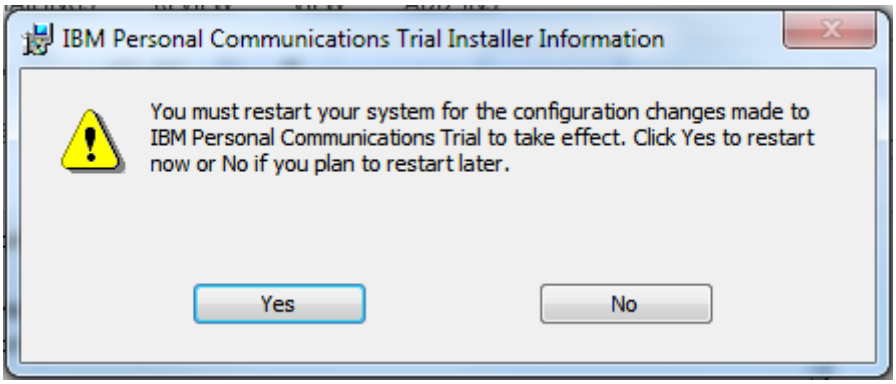
- Download and extract the software
- Run the 'setup.exe' file



- Set the Working Directory

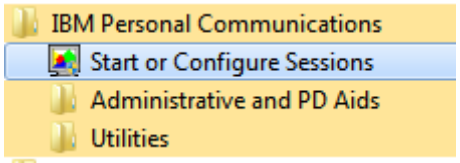


- The selection of which working directory the software should use will have an impact on the product, because for some selections such as the AppData folder might have write access restrictions
- The computer will need to be restarted at the end of the installation

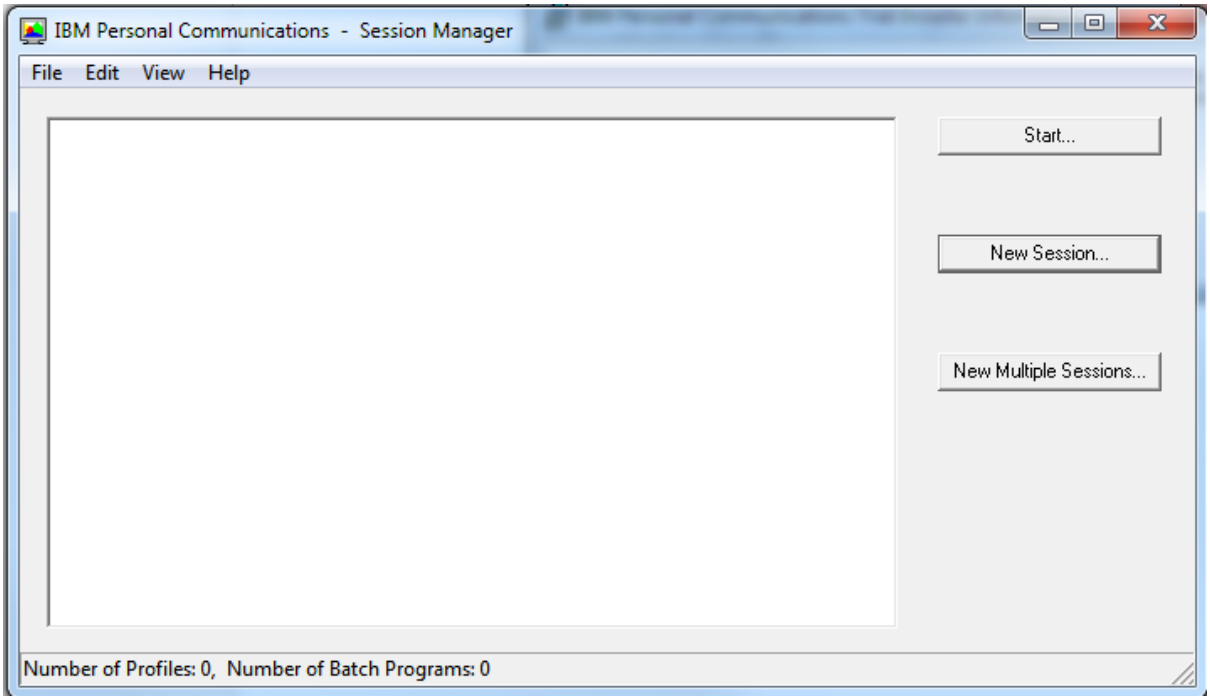


IBM PCOMM Configuration

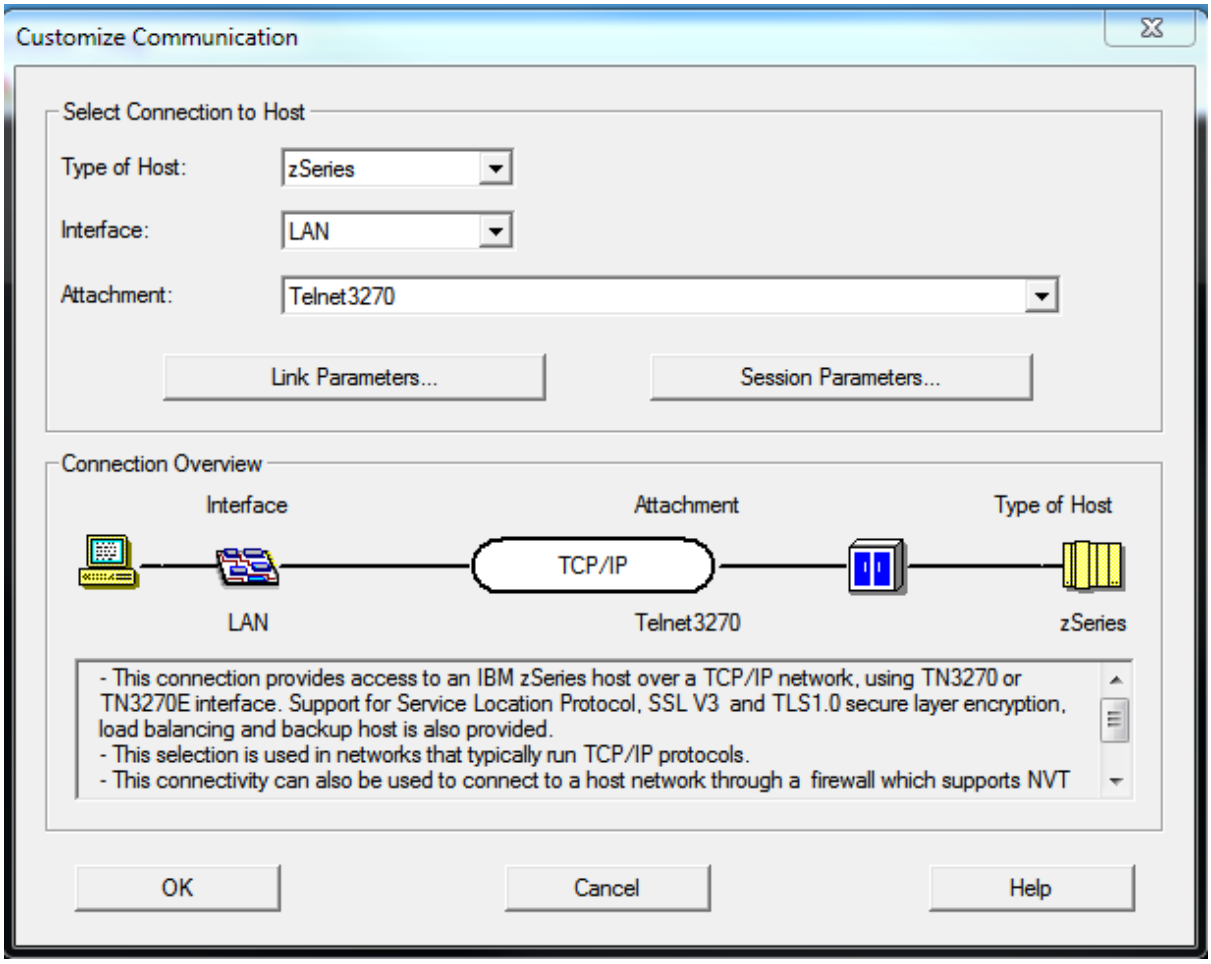
- Run the start menu item called “Start or Configure Sessions”



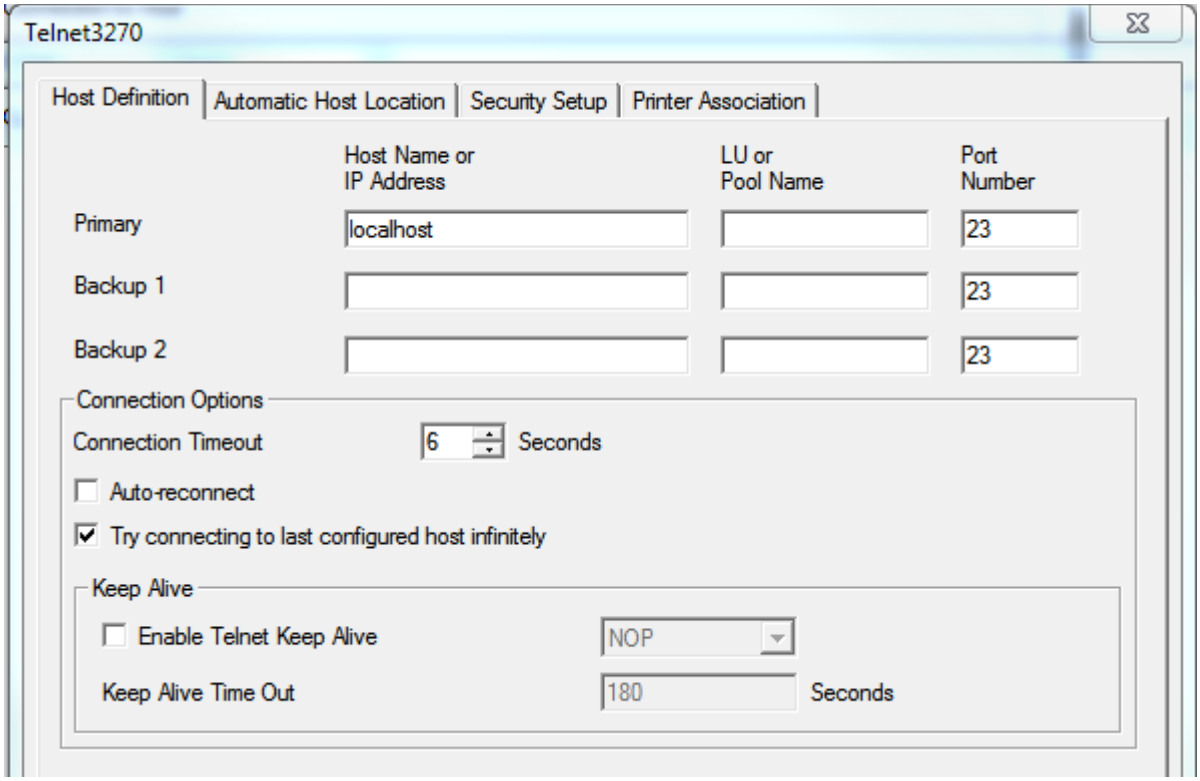
- Select “New Session” In the Session Manager screen:



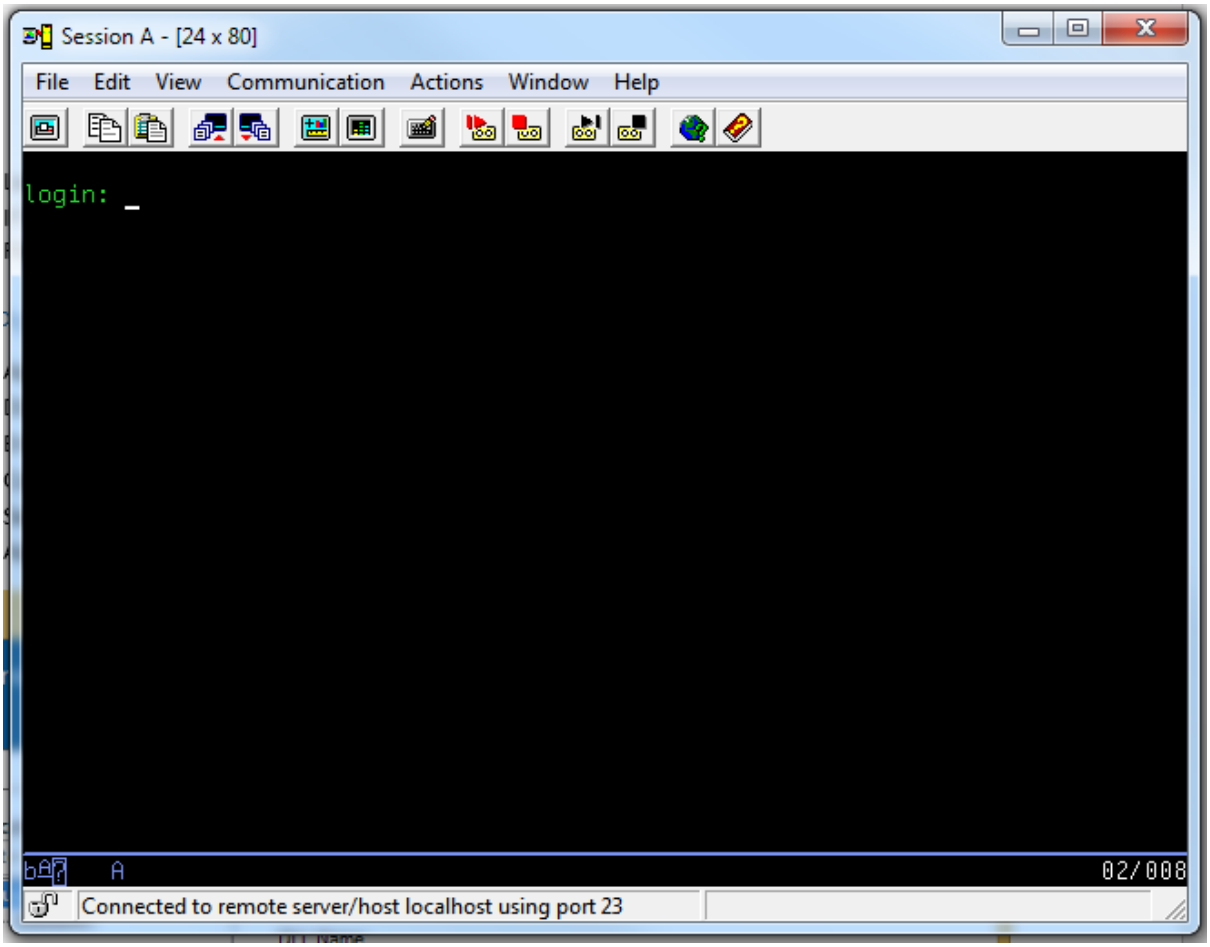
- Define a new session with the following parameters:
  - Type of Host: zSeries
  - Interface: LAN
  - Attachment: Telnet3270


Customize Communication
Select Connection to Host
Type of Host:
zSeries
Interface:
LAN
Attachment:
Telnet3270
Link Parameters...
Session Parameters...
Connection Overview
Interface
Attachment
Type of Host
TCP/IP
LAN
Telnet3270
zSeries
- This connection provides access to an IBM zSeries host over a TCP/IP network, using TN3270 or TN3270E interface. Support for Service Location Protocol, SSL V3 and TLS1.0 secure layer encryption, load balancing and backup host is also provided.
- This selection is used in networks that typically run TCP/IP protocols.
- This connectivity can also be used to connect to a host network through a firewall which supports NVT
OK
Cancel
Help

- Click the ‘Link Parameters’ button to reveal a further configuration screen:
    - Host name or IP Address: localhost
    - Port number: 23



- Run the mainframe session and Connect it
- Leave the emulator screen open and connected at Session A. This is an example session:



IMPORTANT: **Save the session file** to a location that Blue Prism will be able to access. The file should be saved with a .WS extension.

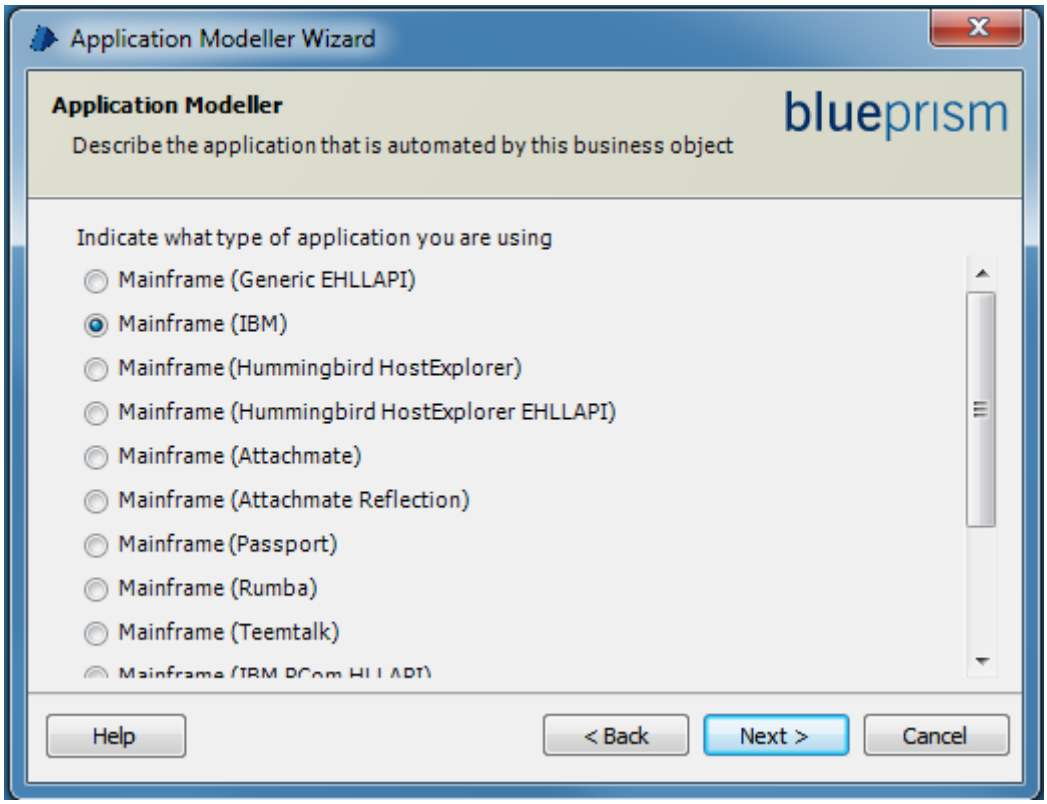
Blue Prism Configuration

The following instructions work with an open session, but this is not required in order to get this to work. The session file can also launch the application.

Version 4.2

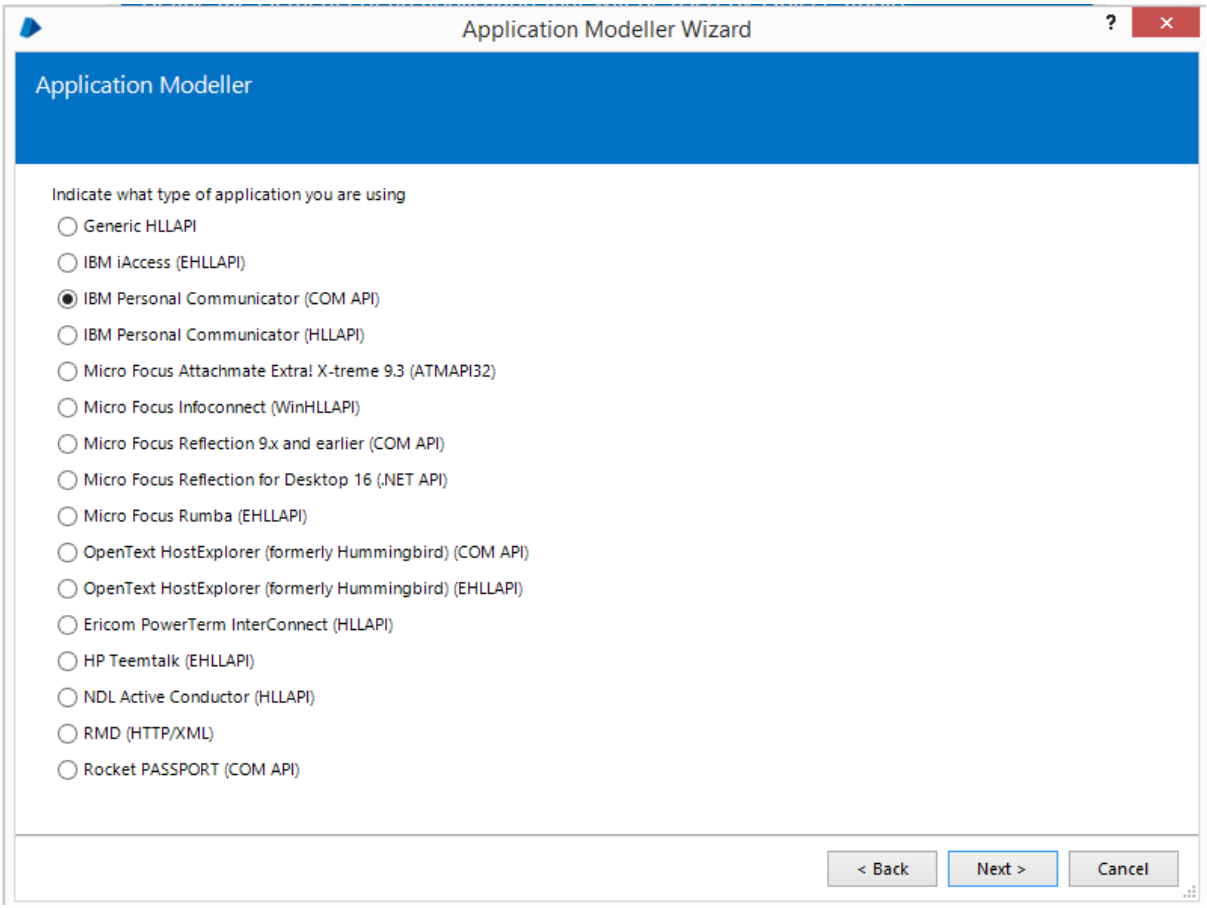
For Version 4.2 use the "Mainframe (IBM)" connector. This uses the legacy COM API functionality to connect to an existing session file. The file can be launched using this method, meaning that you only need to have one Visual Business Object to work with this application.

- Application Modeller set to use "**Mainframe (IBM)"**



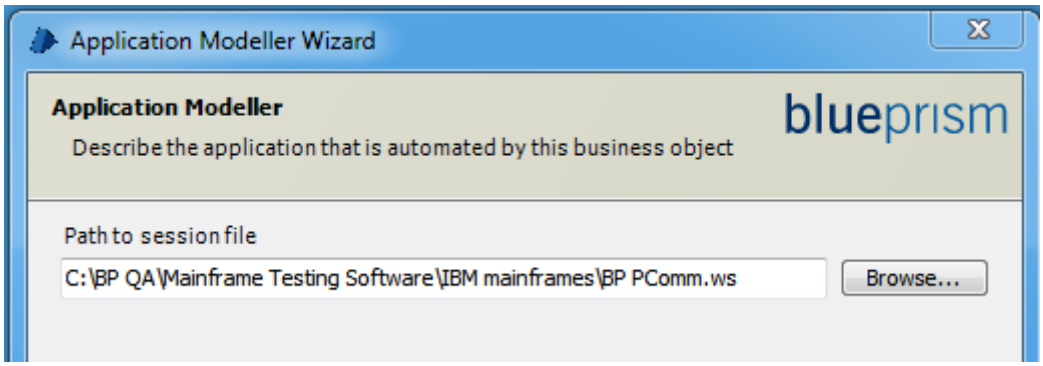
Version 5.0

For Version 5.0 use the "**IBM Personal Communicator (COM API)**" connector. This uses the legacy COM API functionality to connect to an existing session file. The file can be launched using this method, meaning that you only need to have one Visual Business Object to work with this application.

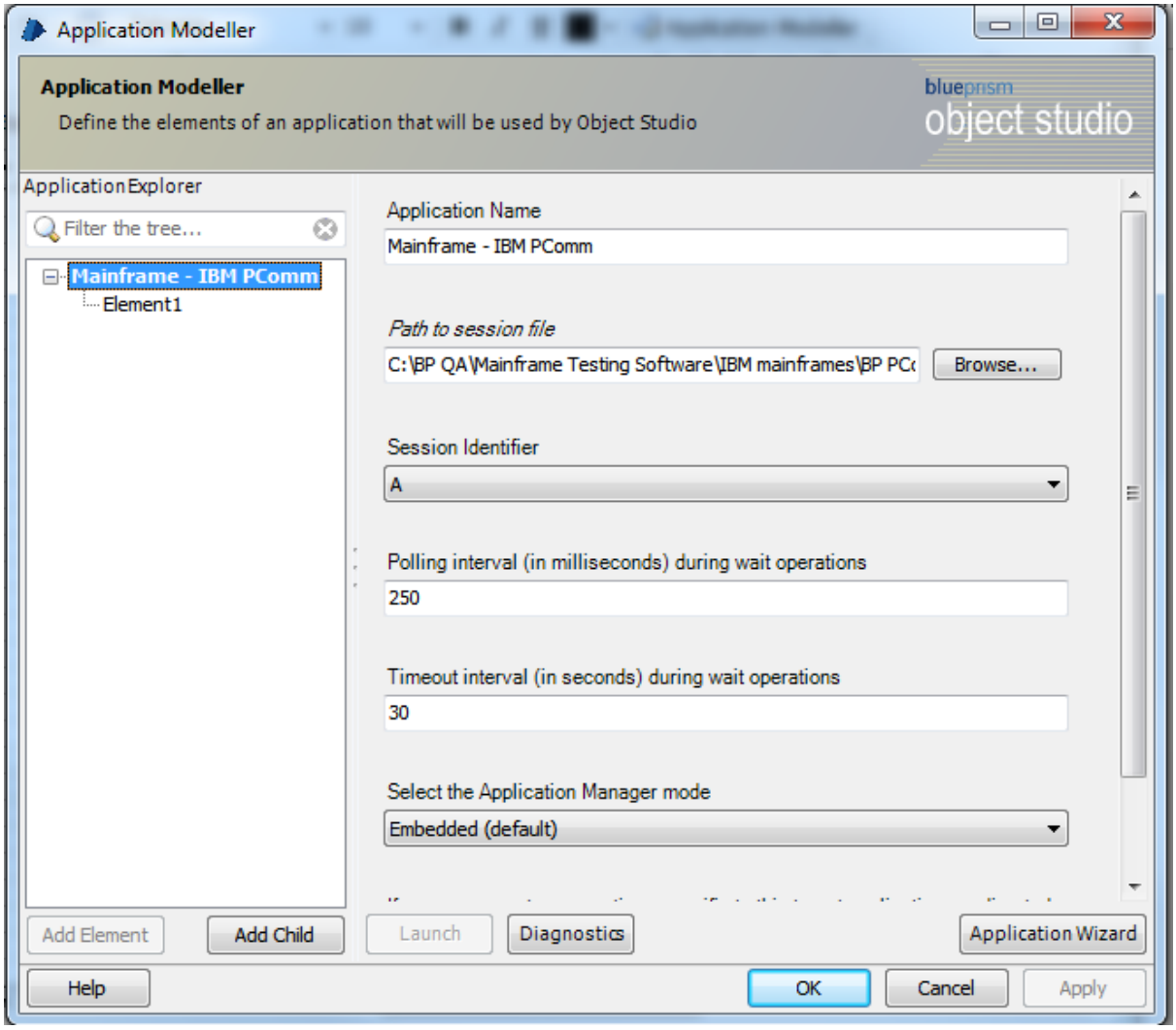


The following instructions are common to both versions:-

- Set the path to the session file



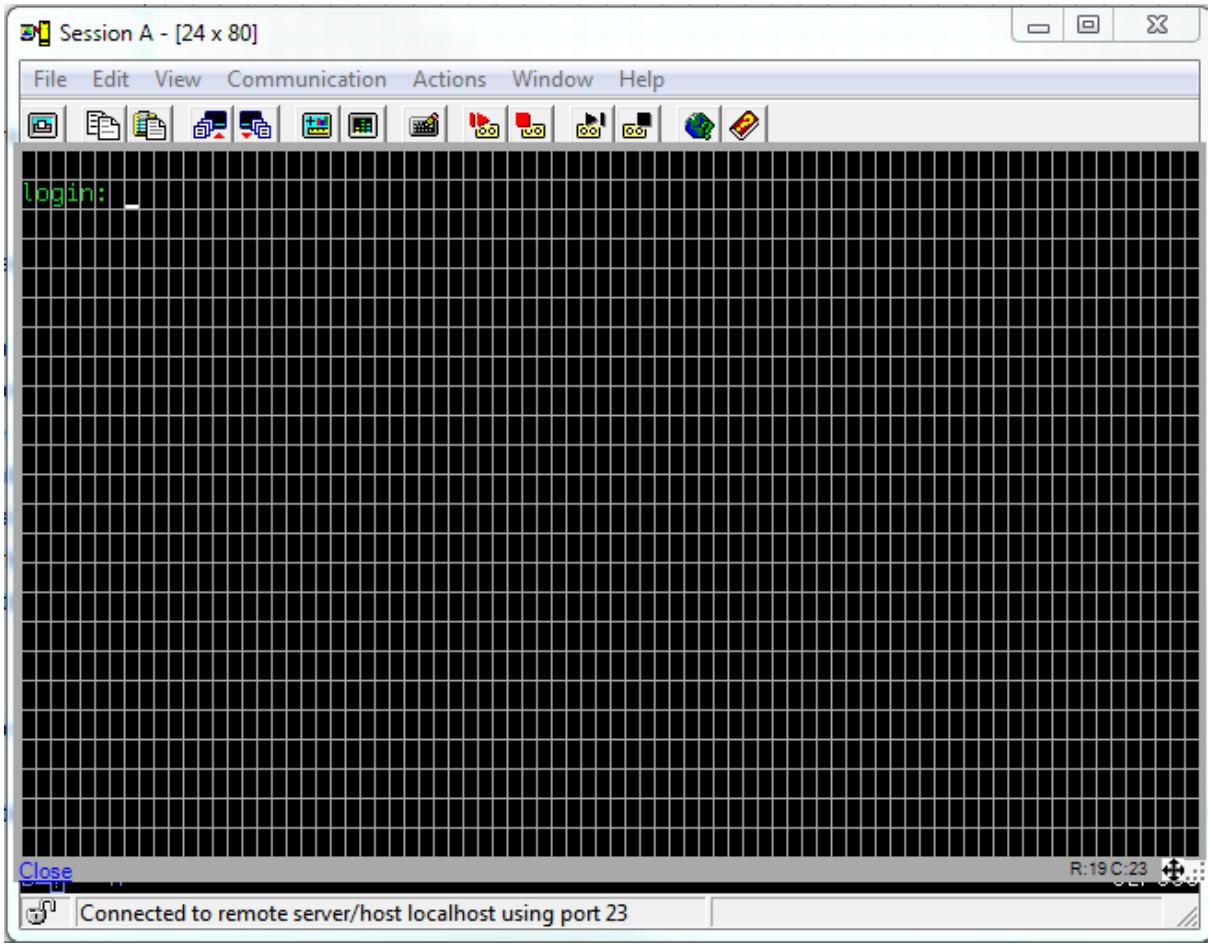
- Entry Point is **hllapi**
- Session Identifier is **A**
- **Polling Interval** and **Timeout Interval** can be left at their default values
- Application Manager mode is left at **Embedded** (to support 32-bit software), or can be specified as “External, 32-bit mode” to force 32-bit compatibility if necessary.



- Click the **Launch** button in Application Modeller to attach to the running session.

Identifying elements in PCOMM

Using the **Identify** button select the inner window using the Win32 Mode spying highlight, and the left-click to confirm the selection. This will produce the identification grid:


Session A - [24 x 80]
File Edit View Communication Actions Window Help
login:
Close
R:19 C:23
Connected to remote server/host localhost using port 23