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## Blue Prism Mainframe Guide Quick3270

**Document Revision 1.0** 



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• How to configure Quick3270 Mainframe Emulator

### **Pre-Requisites**

The following versions are not specific requirements, but rather recommendations based on versions which are known to work together

- Blue Prism v6.2.1 or above
- Quick3270 v5.42 and v5.50

About Quick3270		×
Version: Build date: Licensed to:	Quick3270 5.50 build 012 Jun 18 2020 - 20:16:21 Unlicensed copy for evaluation use only.	ОК
	Microsoft Windows 10 , 64-bit	
ANSI code-page: 1 Keyboard identifier: 0	252	
	Copyright © 1998-2020 DN-Computing SARL	

Last tested version combination was **Blue Prism v6.8.0** and **Quick3270 5.50** 

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## Quick3270 Configuration

- Session → Session Configuration → TN3270 tab
- Host name set to host machine name or IP Address, and Port Number set (usually '23' by default)
- Session running and connected in Quick3270.
- Emulator screen left open.

ueprism Mainframe Emulator itialising screen nning in the de-DE locale 3270 emulator listening on 127 5250 emulator listening on 127	.0.0.1:3270 .0.0.1:5250					
💻 Quick File Edit	3270 - Session A - Evaluation ver View Session Transfer M	sion (55 day(s) acro Settings	remaining) Windows Hel;	,		
D 🚅 I	🖬 🎯 🕹 🖻 🖻 👰 📬	8				
Bluep	rism Mainframe T	est.	System L	ocale: de	e-DE	
Session co	nfiguration			?	×	
Connecti	on	Coun	try	Host Code-F	Page	
	soft HIS Client over FMI3270	Turke Turke Unite	ty / Euro Iy d Kingdom / Euro	(1155) (1026) (1146)	^	
	NSI	United Kingdom United States / Euro United States		(285) (1140) (037)		
SNA Sen	Host Name or IP Address	Trace File	LU or Pool Name	Port Number		
Backu	n 1			23		
Backu	p 2			23		
Termi	nal	Connecti	on			
Term	inal type:	Use asso	Use backup if the requested LU is already associated with another TN3270 session			
Di-	IBM-3278		Connection compatible with Hercules mainframe emulator Keys Enable ATTN key as Telnet IAC BREAK Enable SYSREQ key as Telnet IAC IP			
	Print	nter Association Session Parameters				
			01		any .	

## **Blue Prism Configuration**

#### For Version 6.2.1 and Above

To configure this emulator, you will need TWO Objects, one to "Launch" the application and the other to "Launch/Attach" to the open session. You start by selecting "Windows Application" in Application Modeller Wizard for the first object. Follow the prompts as you do for Windows application.



One key thing during this configuration is to make sure you copy the full path of the "**Session file**" to the space provided for "**Enter the command line....**" as seen below. This will be the session file you will be working with, the one you have already configured in Quick3270 and have an ID linked to it, i.e. Session Identifier that will be used in the second Object.

ı 🐠 Application Modeller		?	-		×	
Define the elements of an app	lication that will be used by	Object Stud	dio			
App	ication Model belongs to this Obje	ect				
<b>Y</b> Filter the tree X	Application Name				^	
Element1	winstartquick					
	Enter the path to the application execu use the Browse button	ıtable, or				
	C:\Program Files (x86)\Quick3270\Qu	aick3270.	Browse.			
-	Enter the command line parameters (if target application	any) to be pass	ed to the			
	C:\Users\Administrator\Desktop\tes	tconnect.ecf				This will be your session file
	Enter the working directory which the C:\Program Files (x86)\Quick3270	target applicatio	n will use			
	Restrict to non-invasive automati	ontechniques				
	Select the Application Manager mode					
	Embedded (default)			$\sim$	~	
Add Element Child	Launch Diagnostics		Applica	ation Wi	zard	
	ок	Cance	2	App	ply	

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Once this is created, you will be able to "Launch" the application with this object and then use the second object to "Attach/Launch" to the opened session.

The following is how to configure the second Object.

• Application Modeller set to use "Mainframe (Generic EHLLAPI)"

Application Modeller Wizard	?	×
Application Modeller		
Generic HLLAPI		
O IBM iAccess For Windows (We do not currently support IBM iAccess Client Solutions) (EHLLAPI)		
O IBM Personal Communicator (COM API)		
O IBM Personal Communicator (HLLAPI)		
O Micro Focus Attachmate Extra! X-treme 9.3 (ATMAPI32)		
O Micro Focus Infoconnect (WinHLLAPI)		
O Micro Focus Reflection 9.x and earlier (COM API)		
O Micro Focus Reflection for Desktop 16 (.NET API)		
O Micro Focus Rumba (EHLLAPI)		
O OpenText HostExplorer (formerly Hummingbird) (COM API)		
O OpenText HostExplorer (formerly Hummingbird) (EHLLAPI)		
O Ericom PowerTerm InterConnect (HLLAPI)		
O HP Teemtalk (EHLLAPI)		
O NDL Active Conductor (HLLAPI)		
O RMD (HTTP/XML)		
O Rocket PASSPORT (COM API)		
< Back Next >	Cance	1

- DLL Name is full path to the Quick3270 EHLAPI32.DLL file
- Entry Point is hllapi
- Calling Convention is Windows API
- Session Type is **Standard**
- Session Identifier is A

#### • Application Manager mode set to **Embedded**

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Application Modeller	? – 🗆 🗙					
Define the elements of an	application that will be used by Object Studio					
	Application Model belongs to this Object					
<b>Filter the tree</b>						
⊡ Quick3270 test	Application Name Quick3270 test					
Element1						
	API Code Page					
	Western European (Windows) [1252]					
	DLL Name					
	C:\Program Files (x86)\Quick3270\ehlapi32.dll					
	DLL Entry Point					
	пар					
	Calling Convention					
	Windows API ~					
	Session Type					
	Standard V					
	Session Identifier					
	A ~					
	Select the Application Manager mode					
	Embedded (default)					
	Provide the time that the object will wait for the application to respond before throwing an					
	exception Days Hours Mins Secs					
	Kananana astronom antiana ana ifa ta this tanat and insting an disasted by Dive Drive					
	technical support.					
Add Element Child	Launch Diagnostics Application Wizard					
	OK Cancel Apply					

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📃 Quick3270 - Session A - Evaluation	version (55 day(s) remaining)				- 🗆 X
File Edit View Session Transfer	Macro Settings Windows Help				
D 🛱 🖬 🥵 🐰 🛍 🖻 🥰	tt 🖇				
Blueprism Mainframe	Test. System Loca	le: de-DE			
0 1 2 3	Application Modeller				? – ¬ ×
					:
1	Define the elements of an app	plication that v	vill be used by (	Object Studio	
2_					
3		Application N	/lodel belongs to t	his Object	
4âä	<b>T</b> Filter the tree	Element Details			
5 & é é ë	□ Quick3270 test	Name	Element1		
° / A A A B	Element1	Description			
		Element Type	Field	✓ Data Typ	e Text ~
		Attributes Not	PC		
Ă u s t		A Name	Match?	Match Type	Value
₿ <u></u> ¢[¥		End X		= (Equal)	25
с <u>Т</u> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		End Y		= (Equal)	1
<u>р } ј и к ц</u>		Field Text		= (Equal)	Blueprism Mainframe Test.
		Field Type		= (Equal)	Rectangular
		Start X		= (Equal)	1
		Start Y		= (Equal)	1
48 <b>. A</b>					
Close					
	Add Element Child	Clear			Highlight Identify -
				ОК	Cancel Apply

Remember, Launch is Attach for this Emulator, meaning when pressing "Launch" in the Application Modeller, you are attaching to the emulator.