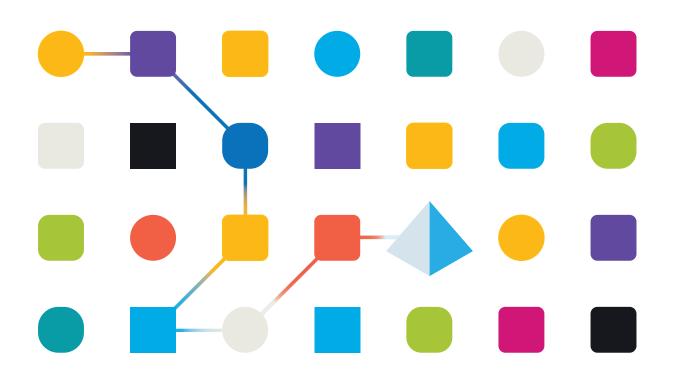
# SS&C | blueprism

### Blue Prism Mainframe Guide Using the Blue Prism Mainframe

**Document Revision 1.0** 



### SS<mark>&</mark>C ∣ blueprism

### Trademarks and copyright

The information contained in this document is the proprietary and confidential information of Blue Prism Limited and should not be disclosed to a third party without the written consent of an authorised Blue Prism representative. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying without the written permission of Blue Prism Limited.

#### © Blue Prism Limited, 2001 – 2022

© "Blue Prism", the "Blue Prism" logo and Prism device are either trademarks or registered trademarks of Blue Prism Limited and its affiliates. All Rights Reserved.

All trademarks are hereby acknowledged and are used to the benefit of their respective owners. Blue Prism is not responsible for the content of external websites referenced by this document.

Blue Prism Limited, 2 Cinnamon Park, Crab Lane, Warrington, WA2 0XP, United Kingdom Registered in England: Reg. No. 4260035. Tel: +44 370 879 3000. Web: <u>www.blueprism.com</u>

### Using the Blue Prism Mainframe

### Overview

Blue Prism provides a grid tool to allow you to quickly spy regions on a mainframe screen. Once you have correctly configured your mainframe object to start the mainframe the following instructions describe how to use the mainframe spying tool.

- Start the mainframe session (use the launch action or start manually and call the attach action)
- Within Application Modeller and you will see the application is now attached and the "launch" button is not available

ł	Application Modeller	-					bluepnsm	- 🗆 🗙 deller	
Ā	Define the elements of an app	licati	on that will be u	sed by Object :	Studio		object stu	9	ing Set 6,580 I
-	Application Explorer		Element Details						1,532   1,064
U	🔍 Filter the tree 🤅	Э	Name	Main Window				pre In: 2	1,4761
	PowerTerm     Main Window		Description						2,588   1,632
	main window		Element Type	Window			4,0921		
			Attributes N	lotes					1,936
			A Name		Match?	Match Type	Value		1,4321
			Active			= (Equal)	True		
			Ancestor Count			= (Equal)	1		
			Ancestors Te	ext		= (Equal)	<unknown></unknown>		
1			Child Count			= (Equal)	2		Þ
			Class Name		•	= (Equal)	TERM	Proce	955
			Control ID			= (Equal)	-1063083936		
1			Enabled		~	= (Equal)	True		
			Height			= (Equal)	418		
			Match Index			= (Equal)	1		
			Match Rever	se		= (Equal)	True		
ier	Add Element Add Child		Clear				Highlight Iden	tify 🔹	
	Help					ОК	Cancel A	oply	
					_				
	06/03/2014 10:16:32 EN	D: 'Er	d' Process: 'Pov	verTerm - Login	' Subsheet:	'Attach'			_
	Autosave backup mac	de at	10:25, Next au	tosave will occu	ur at 10:35.			Q 🔟 .::	

#### PowerTerm

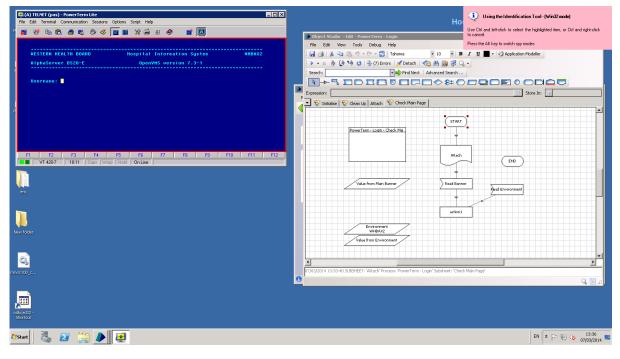
You cannot start PowerTerm from the PowerTerm object. The session has to be started from a separate object which starts the Windows process. Once the PowerTerm session is running either from a separate Blue Prism object or from being started manually call the Launch action from your PowerTerm object and the object will attach to the session.

# SS<mark>&</mark>C ∣ blueprism

• Go back to your application modeller and create a main window element and then select identify

### Spying Elements Correctly

- You have to spy the application window in Win32
- a. TIP: remember do not spy the whole of the window
- b. Do not spy the toolbars or bottom information
- c. <u>For Integration mode to work successfully by using the grid you must ensure you only</u> <u>spy the application window</u>
- d. Please see screenshot below



## SS<mark>&</mark>C ∣ blueprism

	as) - PowerTerm Lite	ssions Options Scri		-* 🗖	× -		'ool- <b>(Win32 mode)</b> ighlighted item, or Ctrl and right⊲	click
🗾 🤔 🖻	🖺 🎂 🛎 🔊	🍕 🔟 🖄	* 🖬 🖽 🤣	i 🔼	to cancel Press the Alt key to			
	HEALTH BOARD		pital Informati		HHBAX2	CPU	Memory (Private Working Set	1
		nus			MIDHAZ	00	99,780 I	
AlphaSer	rver DS20-E		OpenVHS versio	n 7.3-1		00	1,5321	
						00	1,064	
Usernand	B :					00	11,4601	
						00	2,5921	1
						00	1,6521	1
						00	1,9321	
						00	1,4961	
						00	1,4321	
F1 F2				F8 F9 F1	D F11 F12			
F1 F2		Wrap Hold	In Line	F8 F9 F1	D F11 F12		End Process	
		Wrap Hold	In Line					
		Wrap Hold O might choose to p initialisation tasks after object is los	In Line erform som r your bus aded. Processes: 47		Physical Memory: 28%			
VT 420		Wrap Hold C might choose to p initialisation tasks after object is to The initialise action automatically imme	In Line erform som ry our bus aded. Processes: 47 wil be called edately after	CPU Usage: 0%				
VT 420		Wrap Hold 0 might choose to p initialisation tasks afte object is to: The initialise action automatically imme loading your busi	In Line Arrows and a series of the series of		Physical Memory: 28%			
VT 420		Wrap Hold 0 might choose to p initialization tasks afte object is low The initialize action automatically imme leading your busi You will not be able to from a business proces	In Line  wr your bus aded.  Processes: 47 will be called ediately after iness object. o call this action ss, nor will be	CPU Usage: 0%	Physical Memory: 28%			
HIC		Wrap Hold C might choose to p initialisation tasks afte object is to: The initialise action automatically imme loading your busi You will not be able to	In Line  wrform sor r your bus acted. processes: 47 will be called actaility after iness object. o call this action ass, nor will it be ine than after the	CPU Usage: 0%	Physical Memory: 28%			
VT 420		Wrap Hot C might choose to p initialisation tasks afte object is lo. The initialise action automatically imme loading your busi You will not be able to from a business proce called at any other tim	In Line  wrform sor r your bus acted. processes: 47 will be called actaility after iness object. o call this action ass, nor will it be ine than after the	CPU Usage: 0%	Physical Memory: 28%			
HIC		Wrap Hot C might choose to p initialisation tasks afte object is lo. The initialise action automatically imme loading your busi You will not be able to from a business proce called at any other tim	In Line  wrform sor r your bus acted. processes: 47 will be called actaility after iness object. o call this action ass, nor will it be ine than after the	CPU Usage: 0%	Physical Memory: 28%			
HIC	-7 1011 Cap	Wrap Hot C might choose to p initialisation tasks afte object is lo. The initialise action automatically imme loading your busi You will not be able to from a business proce called at any other tim	In Line  wrform sor r your bus acted. processes: 47 will be called actaility after iness object. o call this action ass, nor will it be ine than after the	CPU Usage: 0%	Physical Memory: 28%			
HIC		Wrap Hot C might choose to p initialisation tasks afte object is lo. The initialise action automatically imme loading your busi You will not be able to from a business proce called at any other tim	In Line  wrform sor r your bus acted. processes: 47 will be called actaility after iness object. o call this action ass, nor will it be ine than after the	CPU Usage: 0%	Physical Memory: 28%			.:
roder	-7 1011 Cap	Wrap Hot C might choose to p initialisation tasks afte object is lo. The initialise action automatically imme loading your busi You will not be able to from a business proce called at any other tim	In Line  wrform sor r your bus acted. processes: 47 will be called actaility after iness object. o call this action ass, nor will it be ine than after the	CPU Usage: 0%	Physical Memory: 28%		EndProcess	
rolder	-7 1011 Cap	Wrap Hot C might choose to p initialisation tasks afte object is lo. The initialise action automatically imme loading your busi You will not be able to from a business proce called at any other tim	In Line  wrform sor r your bus acted. processes: 47 will be called actaility after iness object. o call this action ass, nor will it be ine than after the	CPU Usage: 0%	Physical Memory: 28%			

Select Ctrl + Left click and then the spy grid will appear

				mmunii				-	_						4			*		ĩ						
<b>Ş</b> il	관	C2	UES.	ð	-2	9	4			172	3	50	=	333	~	2		Ť	<u>A</u>	ļ	 	 				
++										╈	₩		╢	₩									₩			
			HEOL				•••			П	11.								11.							
						Ĩ.				Ħ	TT'		-	fľ				ĽĨ	1)				H			
-	n i b	hase	ver	psze						Ц	Ц.	0 P	en	'ns	٣٩		on	7 - 3	11.				ш			
++-										H				₩												
	Uss	rnane	114				ш			#	-			#	-											
			HП							Ħ	₩			₩									++	H		
			ШП				Ш			#													Ш	Ш.		
₩	++++	++++		╉╋			+++		++	₩	₩		-++	₩	++		++		++-				+++		 	
#										Ħ				Ħ			#									
	++++	++++		+++						₩	++-			₩	++	+++							₩			
																							##			
		++++								+++					+++	+++-							₩			
										tt				tt												
							Ш				₩			#				ш			 		₩			
	╞┼┼┼	++++			++-			H	₩	₩	₩		┉	₩	+++	+++	++-	+++	╈				₩	₩		

- It is important to see where the grid is on this application now, it does not cover the toolbar or any window elements at all. If it does you can resize the tool to make it smaller or bigger in any direction.
- You can then create your elements required.
- Remember when selecting your elements for input fields you select what you consider to be the *whole* field rather than just selecting the data currently in the field. The current data may not occupy the full width of the field.

# SS<mark>&C | blue</mark>prism

(A) TRUNT ((pos) - Power Term Life     File Edit Terminal Comunication Sessons Options Script Help			Host	name (Tag): I	UCHG-IMI	MIX4
<b> </b>		User	name:	ext_enovation		
	🥼 Object Studio – Edit – PowerTerr					_OXX
MESTERN HEALTH BOARD Hospital Information Suctom ANDAXZ AlphaServer DS20-E OdenWKS version 7.3-1	File Edit View Tools Debu					_ [ ] ×
Versitation: E	▶ • 11 / () • • 0 → (8) Search:	Application Modeller Define the elements of an applic	ation that will be	used by Object Studio		object studio
			Element Detai	ls		
	Expression:	Q. Filter the tree	Name	Version		
	💽 😌 Initialise 👻 Clean Up   Attai	E PowerTerm	Description	1		
		Version	Element Type		Data Type	Text 💌
			Attributes			
	PowerTerm - Log Login business ob		A Name	Match?	in protocol and the second	Value
Coop R96 050 R96 050 R96 050 R96 050	PowerTerm		End X	<u>ञ</u> घ	= (Equal)	56
	Created by enov- List changed by		End Y Field Text	N N	= (Equal) = (Equal)	6 OpenVMS version 7.3-
	Last changed by		Field Type	হ	= (Equal)	Rectangular
	Initia		Start X	5	= (Equal)	36
	This is an option might choose		Start Y	ঘ	= (Equal)	6
Teor Folder	initialization task object The initialise a automatically loading you You will not be from a business					
	called at any oth creation	Add Element Add Child	Clear	]		Highlight Identify +
	· · · · · · · · · · · · · · · · · · ·	Help			ОК	Cancel Apply
		1				
(=)						Q 🖬
edeath- same						
Afstart 🛛 🛃 🎦 🔛 🧕					EN R	P 🖲 (b 13:46 07/03/2014 🛤

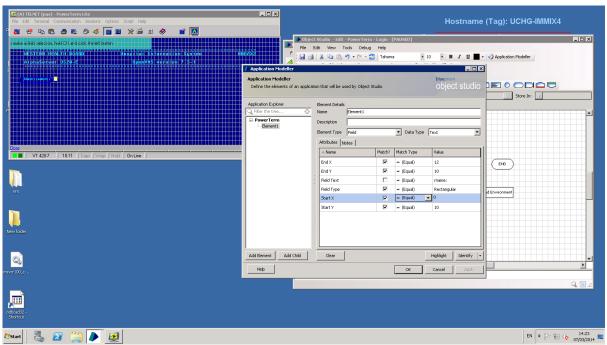
#### • Highlight them to confirm

(A) TELNET (pos)-PowerTerm Like     File Edit Terminal Communication Sestions Options Script Help	Hostname (Tag): UCHG-IMMIX4
* a # 43 66 8 8 8 8 8 8 9 8 1 1 1 1 1 1 1 1 1 1 1 1	Username: ext enovation
elision non fin nonno lever can Joharration Succes en Alabaier en 2006 - Constanting Services 722-13 Deur cane:	Chipet Studie - Edt - Power Term - Login     Chipet Studie - Power Term - Login     Chipet Studie - Power Term - Login     Chipet Studie - Power Term - Power Term - Login     Chipet Studie - Power Term
Image: State of the state o	R00.03
ndesetti - sentetti -	C

# SS<mark>&</mark>C∣blueprism

### **Further help**

You might find sometimes the text does not come back properly for the field you have highlighted on the application screen:



#### Look at the below element identified

Only part of username has appeared. By changing the Start X from 4 to 0, in the read stage the username field is read back properly

# SS&C | blueprism

