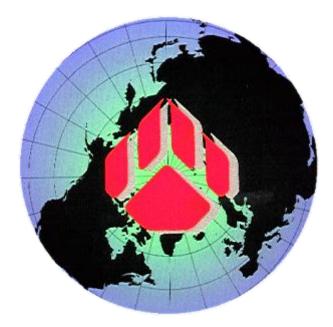
TYX CORPORATION

Productivity Enhancement Systems



PAWS Studio Release Notes

Version 1.39.8 March 5, 2012

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1 Paws Developer's Studio



Version 1.39.8

Release date: March 5, 2012

1.1 Critical Items

- 1.2 Known Limitations
- 1.3 Enhancements
- 1.4 **Problem Reports**

1.4.1 ControlRTS.h Compiling Error

When C:\usr\tyx\include\controlRTS.h was included in CEM or NAM projects configured to use UNICODE characters, it generated a compiling error. This issue has been fixed. Our present controlRTS.h gets compiled successfully, regardless of the configured character set (UNICODE or Multi Byte) of the project that includes it.

2 Run Time System



Version 1.39.8

Release date: March 5, 2012

2.1 Critical Items

2.1.1 Java GraphicsViewer for IFTE and ESTS runs with JVM6

Our previous IFTE and ESTS customers that want to update their Paws Studio and RTS software with this version, need to open the RTS, go to Control | Options | Property Pages, select IOSubsystem tab, then identify and select the GRAPHICS resource:

RTS Server	Properti	es	-				×
Default Format Switch Server Manager IVI Driver Manager				lanager	EHF		
RTS Ger	neral RT	'S Log	Data Logger	Data	Logger Adva	nced IC	Subsystem
	Regist	tered res	sources:				
	Resourc	e Name	ProgID			-	
ERROR		RtsI0.Text	RtsI0.TextPublisher		_	1	
	GRAPH2D		RtsI0.Exce	elResc	urce	Ξ	
	GRAPH3D		RtsI0.Exce	RtsIO.ExcelResource			
	GRAPH	ICS	SocketI0.	Socke	tResource		
	INFO		RtsI0.Text	Publis	her		
	INPUT		RtsI0.Dlgl	nputR	esource		
		T	BtolO Tevt	Publis	her		
						r	
	Add		<u>C</u> hange	B	emove	Prope	rties
		ОК	Car	ncel	Apply		Help

If the GRAPHICS resource is not found, or its ProgID is different than SocketIO.SocketResource, then no action is needed. This is the case for the customers that have different subsets than IFTE or ESTS.

Properties button needs to be clicked.

All the references to Java Virtual Machine 1.4 or JRE4 in the Server Executable edit control have to be replaced with references to JRE6, like in the pictures below:

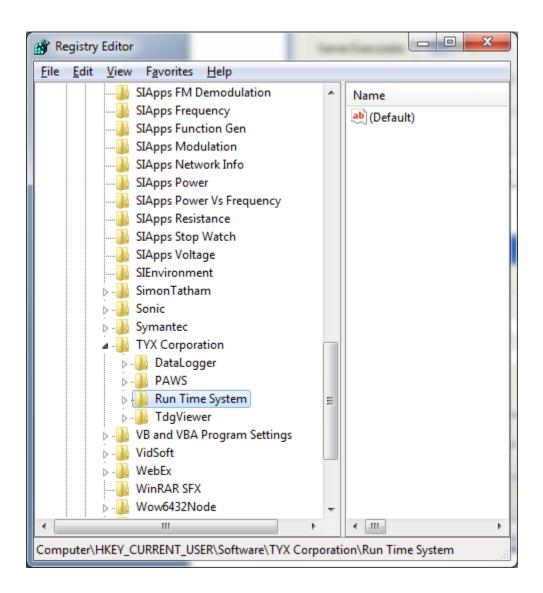
G	RAPHICS Propertie	25	×		
٢	SocketResource				
	Host Information		Server Execution Option		
	Port Number:	9001	Start Server		
	Server Host Name:	localhost	Show Server		
	Server information				
	Server Executable:	J:\ <mark>re6</mark> \bin\java.exe			
	Server Options:	-cp C:\usr\tyx\sub\ESTS\PAWS\Java\GraphicsVie			
	Server Arguments:	com.tyx.rts.graphics.GraphicsService \${PORT}			
		ОК	Cancel Apply		

Or

GRAPHICS Properties					
SocketResource					
-Host Information-		Server Execution Option			
Port Number:	9001	✓ Start Server			
Server Host Name:	localhost	Show Server			
Server information					
Server Executable	"C:\Program Files\Java\ <mark>re6</mark> \bin\java.exe"				
Server Options:	-cp C:\usr\tyx\sub\IFTE\PAWS\Java\GraphicsView.				
Server Arguments:	com.tyx.rts.graphics.GraphicsService \${PORT}				
	ОК	Cancel Apply			

Important note:

Most IFTE and ESTS customers receive customized installing CDs that also upgrade their C:\Windows\Wrts.ini file. In order to have the WRTS retrieve the JRE6 aware up-to-date configuration from Wrts.ini file, our customers have to delete the following registry entry:



2.2 Known Limitations

2.3 Enhancements

2.4 Problem Reports

2.4.1 ErrMsgBits CEM API failure fixed

When the RTS loads its CEM in a ComCem.exe process in order to run it in a MULTI-THREAD COM apartment, ErrMsgBits API fails to function. This error rose as a result of poor COM communication between the ComCem.exe process and Wrts.exe process.

This circumstance is recognized if the busconfi file describes the CEM bus using the keywords : CEM LIB, LIB, and HOST as below:

WCEI	M\DMM.cpp	test.	atl	Bus Configuration: Lo	cal X			
\$	IEEE	-488	Bus	Configuration	File	-		
"CEM	Lib" 1	LIB	"C:`	\usr\paws\WCEM	.dll"	HOST	local	
DMM	BUS	1						

This error is fixed.

2.4.2 PR 07068 Slowdown of JAVA GraphicsViewer

This problem report documents the situation when the Graphics Viewer begins to slowdown after running some rather intensive graphics related tests -a large amount of data is being passed to and displayed on the graphics window. This slowdown continues as the test is repeated and ultimately leads to minutes of lag between when the WRTS executes the last statement and when the measured value gets displayed on the graphics window.

This problem has been resolved.