

Features of the New Cincom® ObjectStudio® Launcher

By Andreas Hiltner @ahiltner (Twitter) #ESUG16



Topic

- Motivation
- Interface
 - Packages
 - Controllers
 - Open Windows
 - (...)
- Next Steps

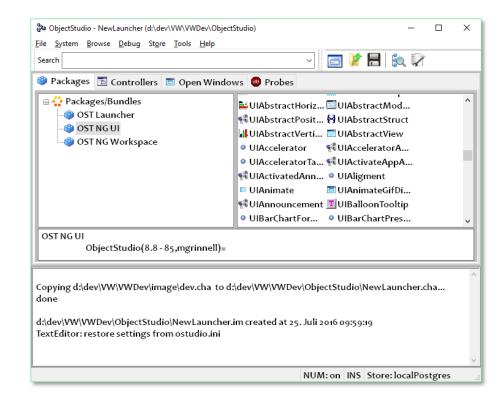
earch Packages □ Controllers □ Open Win	v 💭 🔄 🥻 🔚 🔯 🕅		
•	idows 🐠 Probes		
□ Packages/Bundles			
- 🍪 OST Launcher - 🍪 OST NG UI - 🍪 OST NG Workspace	UIAbstractHoriz UIAbstractMod UIAbstractPosit UIAbstractStruct UIAbstractVerti UIAbstractView UIAccelerator UIAcceleratorTa UIAcceleratorA UIAcceleratorTa UIActivateAppA UIAcceleratorTa UIActivatedAnn UIActivatedAnn UIAnimate UIAnimate UIAnimate UIAnimate UIAnimate UIAnimate UIAnimate UIAnimate UIBarChartFor UIBarChartFor		
OST NG UI ObjectStudio(8.8 - 85,mgrinnell))=		
opying d:\dev\VW\VWDev\image\dev.cha lone I:\dev\VW\VWDev\ObjectStudio\NewLaunch extEditor: restore settings from ostudio.ini		a	
	NUM: on INS Store: localPost	deca	

Motivation

- Create a new Launcher, that supports development and is not a simple collection of loaded tools
- Combine the features from the VW Launcher and WPENFINController
- Use the NG UI for more features

Packages

- Display content of Packages and Bundles
- Easy access of frequently used Packages/Bundles
- Double-Click on Package/ Bundle opens the RB on selection
- Double-Click on Class/Class Extension opens RB on selection



Packages

Packages can be add

- Context Menu _
- **Refactoring Browser** —
- Settings Dialog -

	DebjectStudio - NewLauncher (d\dev\VW\WDev\ObjectStudio) - □ × File System Browse Debug Store Tools Help Search □ □ P □ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
De added using nu Browser log	Packages/Bundles Name Base ObjectStudio Add DipectStudio Preload CobjectStudio System ObjectStudio System ObjectStudio System OST Launcher OST NG U Browse Add Package(s) Add Bundle(s) Remove Item from List Open Pattern List setting
 Settings – C Look and Feel So ObjectStudio Qualde Name Patterns Favorite pundle pattern list Favorite pundle pattern list OST Launcher OST NG UI OST NG UI OST NG Workspace Printing Source Printing Source Printing Source Transcript Deprecation Transcript Detabase - Profiles Database - Profiles Marnings Workspace Add Delete Change 	VVWDev\ObjectStudio\NewLauncher.im created at 25. Juli 2016 09:59:19 pr: restore settings from ostudio.ini OST Launch OST NG UI (OST NG UI (OST NG UI (OST NG Wo Copy Pundle Signatures List Loadable Packages For Add To Favorites Remove From Favorites Load Package or Bundle

Cancel

<u>H</u>elp

OK

Packages

- Default Action (double-click) is to open the RB on selection
- 'New Class' opens the standard New-Class-Dialog of the RB with the superclass and namespace set
- The ListView can be changed to show different modes

ູ່ ObjectStudio - NewLauncher (d:\dev\VW\VWDe	v\ObjectStudio)	-		×
File System Browse Debug Store Tools H		2 🗄 🛼 🖓	,	
	` [🖃 🕴	• 🗖 🛰 🆋		
🍪 Packages 🛅 Controllers 🔳 Open	Windows 🕺 Probes			
□ Packages/Bundles	IestLEDCountd Iest	0		^
🎯 OST Launcher	TestMandelbrot • Test			
🍅 OST NG UI	TestPathGradie • Test	PictureView		
OST NG Workspace	TestPundleView • Test			
	TestSun Browse	ren		
	• TestTrar			
	Figure 7 ThemeE New Class	ъpG		
	TwoFing Small Icon View	v arC		
	UIAbstr: Details View	om		
	UIAbstractCont 🗰 UIA	bstractGraph		~
OST NG UI ObjectStudio(8.8 - 85,mgrinr	nell)=			
TextEditor: restore settings from ostudio).ini			,
Autoloading DB2ThapiEXDI from \$(VISU# Autoloading DB2EXDI from \$(VISUALWO		.pcl		
Hello ESUG' out.				
Hello ESUG				
				•
	NUM:on IN	IS Store: localPo	stgres	

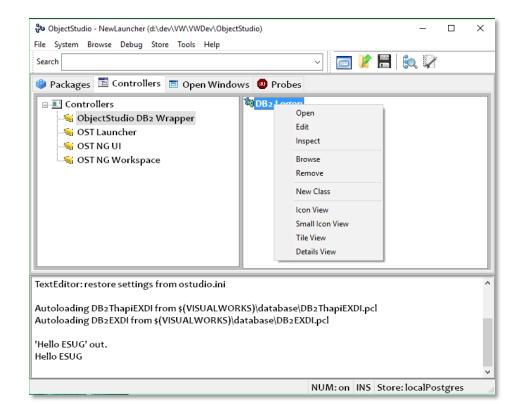
Controllers

- Displays all Controllers and UIAbstractControllers
- Package name is used for grouping
- Double-Click on the controller will open it
- Replacement for the functionality of WPENFIN

ູ່ໃຈ ObjectStudio - NewLauncher (d:\dev\VW\VWDev\ObjectStudio)	-		Х			
<u>File System Browse Debug Store Tools H</u> elp						
Search 🗸 📄 🦹 🔚 🛛	i 🖓					
🧐 Packages 🛅 Controllers 🛅 Open Windows 🚳 Probes						
Controllers GbjectStudio DB2 Wrapper GST Launcher GST NG UI GST NG Workspace						
Copying d:\dev\VW\VWDev\image\dev.cha to d:\dev\VW\VWDev\ObjectStudio\NewLau done	uncher.cl	ha	^			
d:\dev\VW\VWDev\ObjectStudio\NewLauncher.im created at 25. Juli 2016 09:59:19 TextEditor: restore settings from ostudio.ini						
Autoloading DB2ThapiEXDI from \$(VISUALWORKS)\database\DB2ThapiEXDI.pcl Autoloading DB2EXDI from \$(VISUALWORKS)\database\DB2EXDI.pcl			~			
NUM: on INS Store:	localPos	tgres				

Controllers

- Context menu for Controllers
 - Open
 - Edit
 - Inspect
 - Browse
 - Remove
 - New Class
- Change ListView display mode



Open Windows

- List of currently open windows in the System.
- All Smalltalk windows are listed (ScheduledWindow/Form/ UIView)
- Prefixed with the class name initials, e.g. RefactoringBrowser (RB), OSTLauncher (OSTL), etc.
- 'F5' will update the list

👷 ObjectStudio - NewLauncher (d:\dev\VW\VWDev\ObjectStudio)	-		\times
<u>File System Browse Debug Store Tools H</u> elp			
Search 🔍 📄 👔 📙 🗌	0, 🖌		
🍪 Packages 🛅 Controllers 🖻 Open Windows መ Probes			
[VL] NewLauncher (d:\dev\VW\VWDev\ObjectStudio)			
[RB] OST NG Workspace [PPVT] Published Items on localPostgres			
[OSTL] ObjectStudio - NewLauncher (d:\dev\VW\VWDev\ObjectStudio)			
Copying d:\dev\VW\VWDev\image\dev.cha to d:\dev\VW\VWDev\ObjectStudio\NewLar done	incher.	cha	^
d:\dev\VW\VWDev\ObjectStudio\NewLauncher.im created at 25. Juli 2016 09:59:19 TextEditor: restore settings from ostudio.ini			
Autoloading DB2ThapiEXDI from \$(VISUALWORKS)\database\DB2ThapiEXDI.pcl Autoloading DB2EXDI from \$(VISUALWORKS)\database\DB2EXDI.pcl			~

Probes

- List of all existing probes (break points, watch expression) in the system
- A double click of an entry will open the Refactoring Browser on that method.
- 'F5' will update the list

-	_		×
<u>File System Browse Debug Store Tools H</u> elp			
Search 🗸 📄 🎉	- 🔍 🏹		
🍄 Packages 🛅 Controllers 🖻 Open Windows 🚇 Probes			
ProbeType: WatchActionProbe in OSTWorkspaceBuffer>>filename:			
ProbeType: OneshotProbe in OSTWorkspace>>addNewTabFor:			
ProbeType: OneshotProbe in OSTWorkspaceBuffer>>displayText			
r 			
			-
, , , , ,	wLauncher.cl	ha	
1, o · · · · · · · , · · · ,	wLauncher.cl	ha	
done		ha	
done d:\dev\VW\VWDev\ObjectStudio\NewLauncher.im created at 25. Juli 2016 09:59:19		ha	
Copying d:\dev\VW\VWDev\image\dev.cha to d:\dev\VW\VWDev\ObjectStudio\Ne done d:\dev\VW\VWDev\ObjectStudio\NewLauncher.im created at 25. Juli 2016 09:59:19 TextEditor: restore settings from ostudio.ini		ha	
done d:\dev\VW\VWDev\ObjectStudio\NewLauncher.im created at 25. Juli 2016 09:59:19 TextEditor: restore settings from ostudio.ini		ha	
done d:\dev\VW\VWDev\ObjectStudio\NewLauncher.im created at 25. Juli 2016 09:59:19 TextEditor: restore settings from ostudio.ini Autoloading DB2ThapiEXDI from \$(VISUALWORKS)\database\DB2ThapiEXDI.pcl		ha	
done d:\dev\VW\VWDev\ObjectStudio\NewLauncher.im created at 25. Juli 2016 09:59:19 TextEditor: restore settings from ostudio.ini			

Transcript

This Transcript now only shows the output, but also can be used to execute snippets of Smalltalk code.

Limits:

- No support for imports or Workspace-Variables
- Code cannot be saved to/read from a file

Autoloading DB2ThapiEXDI f Autoloading DB2EXDI from \$ Hello ESUG' out. Hello ESUG			piEXDI.pcl	
		NUM	on INS Store: localPo	stgre
Text 'Hel	ev\VW\VWDev\Ob tEditor: restore set <mark>lo ESUG' out.</mark> o ESUG	ttings from os Execute Out Inspect	wLauncher.im creat tudio.ini Ctrl+E Ctrl+Q Ctrl+P	ted a
		Print Debug Cut	Ctrl+D Ctrl+X	
		Debug	Ctrl+D	

Search/Searchlight

Search for

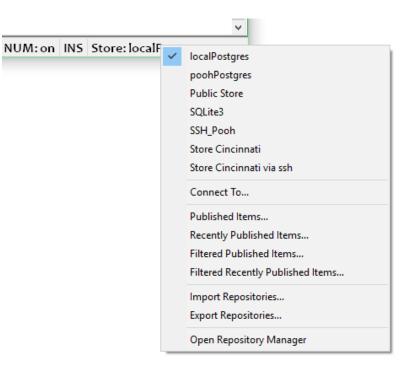
- Messages
- Packages
- Classes
- Parcels
- SharedVariables

No need to add wild-cards to the front or end of the search string

-	-					-		-		
<u>F</u> ile	<u>S</u> ystem	<u>B</u> rowse	<u>D</u> ebug	St <u>o</u> re	<u>T</u> ools	<u>H</u> elp				
Sear	rch								~	æ
684	Dackar	oc 🗔 (ontroll	lore I		n Winz	lowe	💷 Probes		
riie	system	DIOWSE	Debug	Store	10015	пер				
Searc	h <mark>*M</mark> o	nitor							~	
	a *Mo	nitor								
r	Mon	itor								
	UIVi∈	ew								
	- <u>6</u>	STLaur	cher					TestMan	delbro	t 🍳

Statusbar

Clicking with the left mouse button on the Store-Connection-Status will open the menu shown, with some frequently used tasks

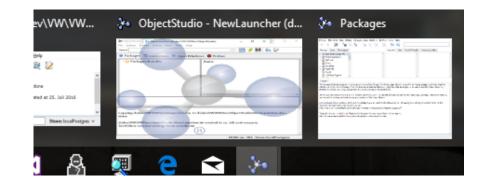


Taskbar

Icon overlay of the OSTLauncher window.

This way it is easy to find in the (sometimes pretty large) list of open Cincom Smalltalk windows.

This feature can be disabled in the settings



Next Steps

- Additional Settings, e.g. Color, initial open page, default views, etc.
- Multi-Select-List for Open Windows
- Additional Shortcuts, e.g. Del to close a Window
- Tool to search for text inside of comments
- Publish Bundles/Packages from Launcher
- Performance improvements
- (looking for some customer input ...)

Questions?

Thank You!

Suzanne Fortman

Program Director / Engineering Manager sfortman@cincom.com @SuzCST (Twitter)

Arden Thomas

Product Manager athomas@cincom.com @ArdenTCST (Twitter)

Andreas Hiltner ahiltner@cincom.com @ahiltner (Twitter)

#aoodies #Store#tutorialtuesday hiddengems #objectstudio #polycephaly#GIOF #visualworks