# Integration and Customization of the GXflow Standard Client

GeneXus BPM Suite Course



### Marzo 2023

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## INTRODUCTION

GXflow Standard Client is an application that allows users to access GXFlow Inbox, Outbox, My Processes, My Performance, and other applications called 'components'.

These components allow users to interact with the workflow engine to create, execute, and/or submit BPD tasks. However, sometimes it is necessary to access these components from another generated application or a custom client is required.

## GXFLOW ENTRY POINT

To integrate GXflow components in a GeneXus application, GXflow Entry Point must be used. It is a user control distributed with GeneXus that can be found in the GeneXus installation folder in: /Packages/Gxpm/Extra/GXflowEntryPoint.

It allows us to embed any of the GXflow components (Inbox, Outbox, History, etc.) within any other generated application.

It is installed in a similar way as the rest of the GeneXus user controls.

GeneXus		Application Name	
UNANIMO	Inbox History Preview Delegate	COLLABORATE MORE ACTIONS	NEW
	! 🕢 📤 Subject	Activity	State Created
	Ticket Reservation	Add Customer	(         e ready)     10/31/22 02:23 PM     EXECUTE     SEND      < < > >
<			

To use the control, create a Web Panel and drag the control from the Toolbox to its form.

Kule	es   Events   Conditions		
	ip selected>		Button
🛯 🔠 MainTable			Embedded Page
			Error Viewer
GeneXus			Horizontal Rule
MAIN MENU	Inbox		A HyperLink
Dashboard     A     Desktop	TAKE SEND DELEGATE		
Inbox Outbox My processes	□ 1 @~ Subject	Task	A Text Block
My performance	I      Ticket reservation	Add reservation	
& Process manager	Ends 20/20/2021	Add reservation	
Event viewer V	I* Ticket reservation	Add reservation	Web Component
Backend Y	Ticket reservation	Add reservation	
☐ Management console ✓	🕑 🕴 🌢 Ticket reservation	Add reservation	Containers
B Server settings	I . O Ticket reservation	Add reservation	
MAIN     Applications	Ticket reservation	Add reservation	Action Groups
Apprications Language Notifications	Ticket reservation	Add reservation	- Miscellaneous
			Animation View
			Basic Tab
			A GXflowEntryPoint

Next, configure the following properties:

- Entry Point (Inbox, Outbox, History, Tasks, etc.)
- User
- Password

Veb L Rules E	vents Conditi Variables Help Docum		
NI	un enlante de	🔡 🛃 🌾 Filter	
<pre>&lt; No action grou </pre>		✓ GXflowEntryPoin	t: UCWeb
HainTable	GXflowEntryPoint1	Control Name	GXflowEntryPoint1
GeneXus <sup>-</sup>		Width	100%
MAIN MENU	Inbox	Height	700px
Desktop ^	TARE SEND DELEGATE	Entry Point	Inbox
Outbox My processes My performance & Process manager V	1 V Subject Task     1 Ticket reservation     Add reservation     Control (Control (Contro) (Control (Control (Control (Control (Cont	✓ Appearance	
El Event viewer v El Statistics v		Border	False
■ Backend ✓ C Management console ✓ Ba Server settings ∧	I     Image: Constraint of the Constrain	Scrolling	Auto
MAIN     Applications	I =     Ticket reservation       Add reservation       I       Ticket reservation       Add reservation	$\sim$ Connection	
Language Notifications		User	WFADMINISTRATOR
		Password	WFADMINISTRATOR

Lastly, run the application.

For more details on this control, you can visit the wiki.

http://wiki.genexus.com/commwiki/servlet/wiki?10721

## GXFLOW CUSTOM CLIENT

It is a set of objects that use the GXflow API and implement the GXflow client.

It is an open KB, meaning that the user can consolidate it and make changes to the client regarding appearance and behavior.

Steps to build and run

1. Create a new KB from server:

GXserver: https://samples.genexusserver.com/v18

KB: GXflowWebCustomClient

Version: Stable

- 2. Rebuild All
- 3. Execute any of the Business Process Diagram in TestingProcesses folder
- 4. Execute the WorkflowSignin main to see in action the custom client.

GeneXus				GXflow C	Custom Client				w	orkflow Adm	inistrator
및 Desktop	^	Inbox					NEW	Q Try	a search		Ŧ
inbox											
outbox		Priority	Subject		Activity	State	Created				
my processes my documents		NORMAL	New credit approval		First Task	Ready	10/11/22 12:19 PM	EXECUTE	COMPLETE	HISTORY	
Process Manager	~	NORMAL	teste		First step	Working	08/31/22 05:38 PM	EXECUTE	COMPLETE	HISTORY	
processes		NORMAL	ñ		First Task	Working	07/08/22 04:50 PM	EXECUTE	COMPLETE	HISTORY	
tasks		NORMAL	Prueba ERP		Second step and final	Working	05/26/22 12:38 PM	EXECUTE	COMPLETE	HISTORY	
process definitions		NORMAL	Purcahse Order for May		Second step and final	Working	05/23/22 05:26 PM	EXECUTE	COMPLETE	HISTORY	
Document Manager	^	NORMAL	Test Credit Approval		First Task	Working	05/20/22 11:07 AM	EXECUTE	COMPLETE	HISTORY	
documents		NORMAL	test po		Second step and final	Working	04/08/22 01:15 PM	EXECUTE	COMPLETE	HISTORY	
Col Event Viewer	^	NORMAL	prueba ashuuu		First Task	Working	04/06/22 08:07 PM	EXECUTE	COMPLETE	HISTORY	
events		NORMAL	Test Purchase		Second step and final	Working	02/10/22 05:50 PM	EXECUTE	COMPLETE	HISTORY	
🖪 Management Console	^	NORMAL	LA LA		First Task	Working	02/03/22 12:22 PM	EXECUTE	COMPLETE	HISTORY	
users											
roles									~~	<	>
organizational unit definitions											
organizational units											

To learn more about the GXflow Custom Client, visit the following wiki link:

https://wiki.genexus.com/commwiki/servlet/wiki?48897,KB%3AGXflow+Web+Custom+Client+base d+on+Unanimo+design+system