

Source code documentation

Antidoc v2.0.3

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Chapter 1. Project description

No description found (add content in project description)

Chapter 2. Libraries

This section describes the libraries contained in the project.

2.1. MasterGUI.lvlib

Responsibility: No description found (add content in lvlib description)

Version: 1.0.0.0

This library has no functions set to non private scope.

2.2. BusBase.lvlib


Responsibility: No description found (add content in lvlib description)

Version: 1.0.0.0

Table 1. Nested libraries

Name	Type
BusBase.lvclass	LVClass

Table 2. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
Test GUI		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

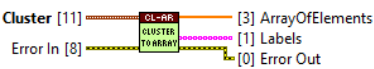





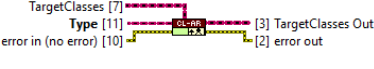


2.3. ClusterArrayConversion.lvlib

Responsibility: No description found (add content in lvlib description)

Version: 1.0.0.0

Table 3. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
ArrayToCluster		No description found (add content in vi description)			
BundledArrayToCluster		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
ClusterToArray		No description found (add content in vi description)			
ClusterToBundledArray		No description found (add content in vi description)			
TypeCastArray		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

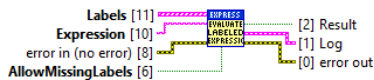
Inlining:  → Inlined

2.4. Expressions.lvlib

Responsibility: No description found (add content in lvlib description)

Version: 1.0.0.0

Table 4. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
EvaluateLabelledExpression		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy


Inlining:  → Inlined

2.5. TAFSpecific.lvlib

Responsibility: No description found (add content in lvlib description)

Version: 1.0.0.0

Table 5. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
ArrayToExternalInterface		No description found (add content in vi description)			
ExternalInterfaceToArray		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

2.6. TraceWindow.lvlib


Responsibility: No description found (add content in lvlib description)

Version: 1.0.0.0

Table 6. Nested libraries

Name	Type
TraceWindow.lvclass	LVClass

Table 7. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
Test GUI		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

2.7. UserMananger.lvlib


Responsibility: No description found (add content in lvlib description)

Version: 1.0.0.0

Table 8. Nested libraries

Name	Type
UserManager.lvclass	LVClass

Table 9. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
Test GUI		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy


Inlining:  → Inlined



2.8. ButtonBarFlow.lvlib

Responsibility: No description found (add content in lvlib description)

Version: 1.0.0.0

Table 10. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
CreateButtonBarFlow		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

2.9. JSONTextViewer.lvlib


Responsibility: No description found (add content in lvlib description)

Version: 1.0.0.0

Table 11. Nested libraries

Name	Type
JSONTextViewer.lvclass	LVClass

Table 12. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
Test GUI		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

2.10. TemplateGUI.lvlib


Responsibility: No description found (add content in lvlib description)


Version: 1.0.0.0

Table 13. Nested libraries

Name	Type
TemplateGUI.lvclass	LVClass

Table 14. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
Test GUI		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

Chapter 3. Classes

This section describes the classes contained in the project.

3.1. Classes overview

This project contains 25 classes and 12 interfaces.

Table 15. Classes list

Classes	Interfaces
AppConfigJSON.lvclass	INewImage.lvclass
AppConfigMGI.lvclass	ICreateDestroy.lvclass
Application.lvclass	IPersistentData.lvclass
MasterGUI.lvclass	IAuthorizationUpdated.lvclass
TAFBaseGUI.lvclass	IApplicationConfiguration.lvclass
BusBase.lvclass	IAuthorization.lvclass
TraceWindow.lvclass	ITAFGUIActions.lvclass
UserManager.lvclass	ITAFObject.lvclass
FrontPanelControl.lvclass	ITAFTextViewer.lvclass
FlexPanelDefault.lvclass	IDockGUI.lvclass
Footer.lvclass	IFrontPanel.lvclass
FooterTriekselSoft.lvclass	IInterface.lvclass
HeaderTriekselSoft.lvclass	
JSONTextViewer.lvclass	
UsedInTestClass.lvclass	
ButtonCollection.lvclass	
VerticalButtonBar.lvclass	
Mockup_ConfigurationManager.lvclass	
Mockup_QualificationScreen.lvclass	
Mockup_ServiceScreen.lvclass	
Mockup_UserManager.lvclass	
DemoApplication.lvclass	
TemplateGUI.lvclass	
ErrorCreationTAF.lvclass	
BusAuthorizationUpdated.lvclass	

3.3. ICreateDestroy.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

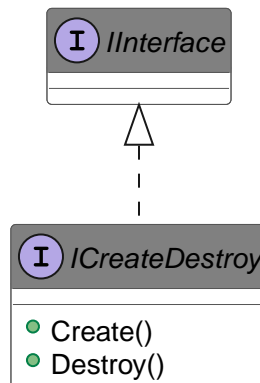


Table 17. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
Create		No description found (add content in vi description)			
Destroy		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.4. IPersistentData.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

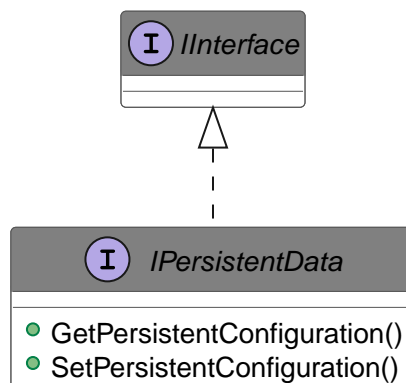


Table 18. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
GetPersistentConfiguration		No description found (add content in vi description)			
SetPersistentConfiguration		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.5. IAuthorizationUpdated.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

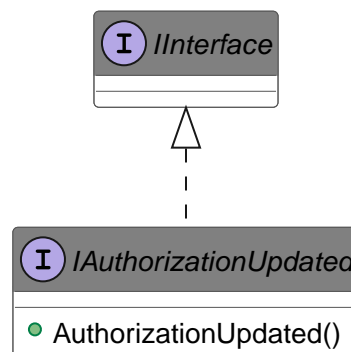


Table 19. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
AuthorizationUpdated		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.6. IApplicationConfiguration.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

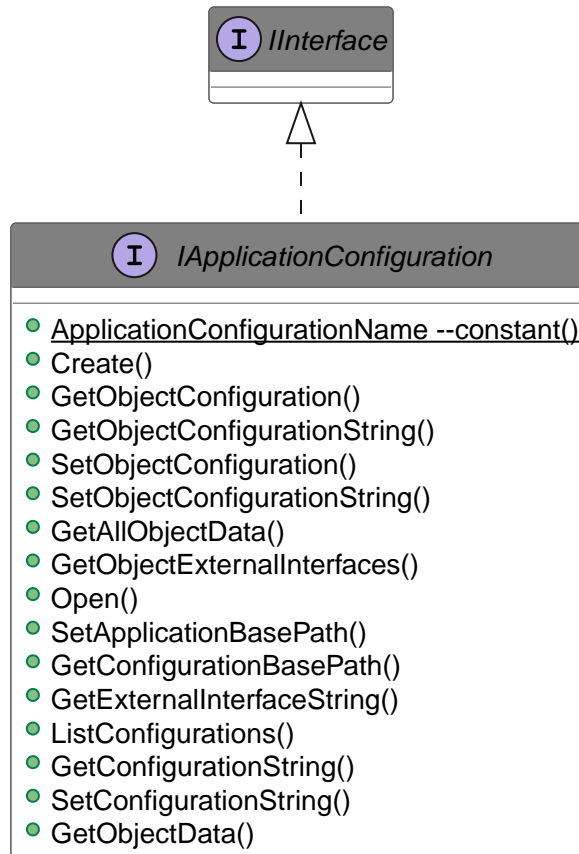
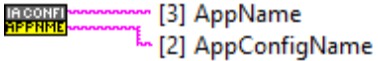

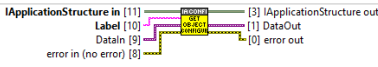

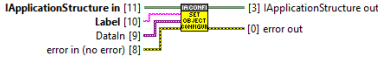
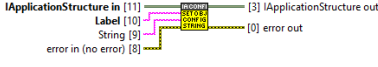



Table 20. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
ApplicationC onfiguration Name --constant		No description found (add content in vi description)			
Create		No description found (add content in vi description)			
GetObjectCon figuration		No description found (add content in vi description)			
GetObjectCon figurationStri ng		No description found (add content in vi description)			
SetObjectCon figuration		No description found (add content in vi description)			
SetObjectCon figurationStri ng		No description found (add content in vi description)			
GetAllObject Data		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
GetObjectExternalInterfaces		No description found (add content in vi description)			
Open		No description found (add content in vi description)			
SetApplicationBasePath		No description found (add content in vi description)			
GetConfigurationBasePath		No description found (add content in vi description)			
GetExternalInterfaceString		No description found (add content in vi description)			
ListConfigurations		No description found (add content in vi description)			
GetConfigurationString		No description found (add content in vi description)			
SetConfigurationString		No description found (add content in vi description)			
GetObjectData		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.7. IAuthorization.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

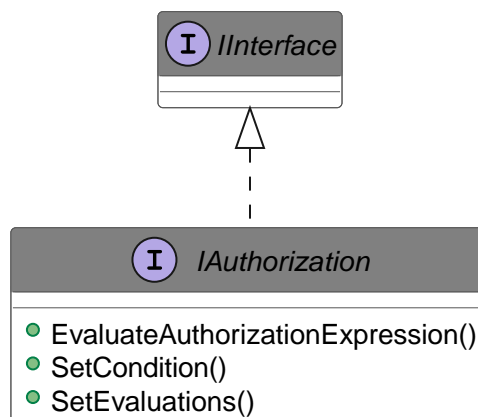






Table 21. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
EvaluateAuth orizationExp ression		No description found (add content in vi description)			
SetCondition		No description found (add content in vi description)			
SetEvaluatio ns		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

3.8. ITAFGUIActions.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

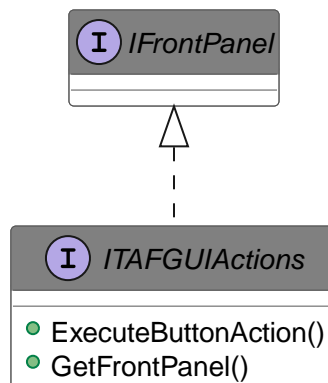
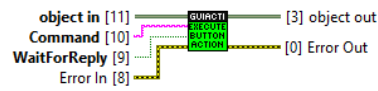
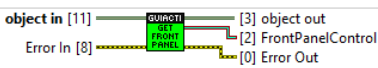


Table 22. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
ExecuteButto nAction		No description found (add content in vi description)			
GetFrontPan el		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

3.9. ITAObject.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

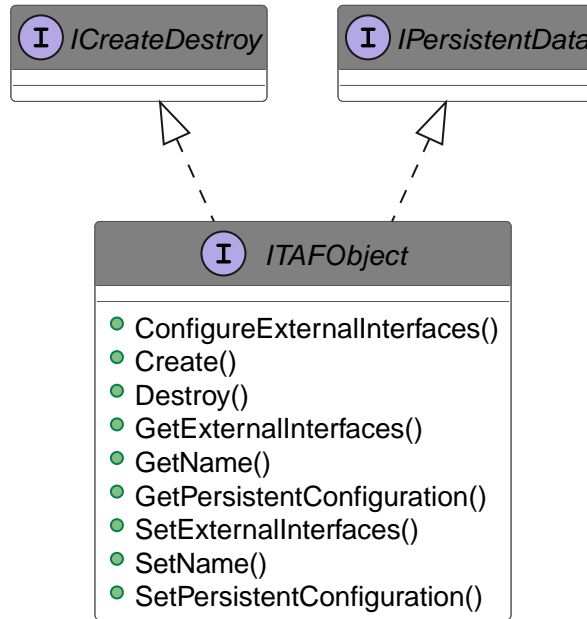


Table 23. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
ConfigureExternalInterfaces		No description found (add content in vi description)			
Create		No description found (add content in vi description)			
Destroy		No description found (add content in vi description)			
GetExternalInterfaces		No description found (add content in vi description)			
GetName		No description found (add content in vi description)			
GetPersistentConfiguration		No description found (add content in vi description)			
SetExternalInterfaces		No description found (add content in vi description)			
SetName		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
SetPersistentConfiguration		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.10. ITAFTextView.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

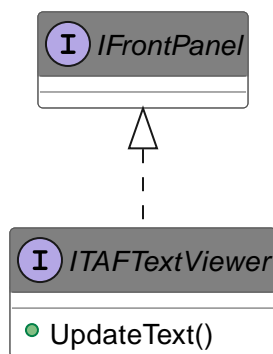


Table 24. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
UpdateText		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.11. IDockGUI.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

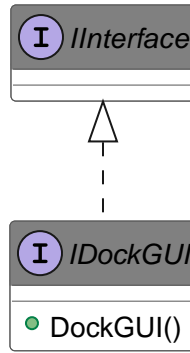


Table 25. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
DockGUI		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.12. IFrontPanel.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

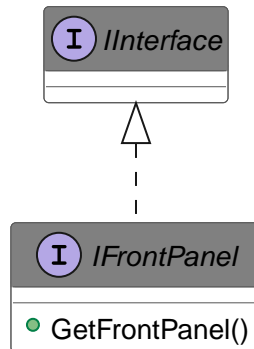


Table 26. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
GetFrontPanel		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.13. AppConfigJSON.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

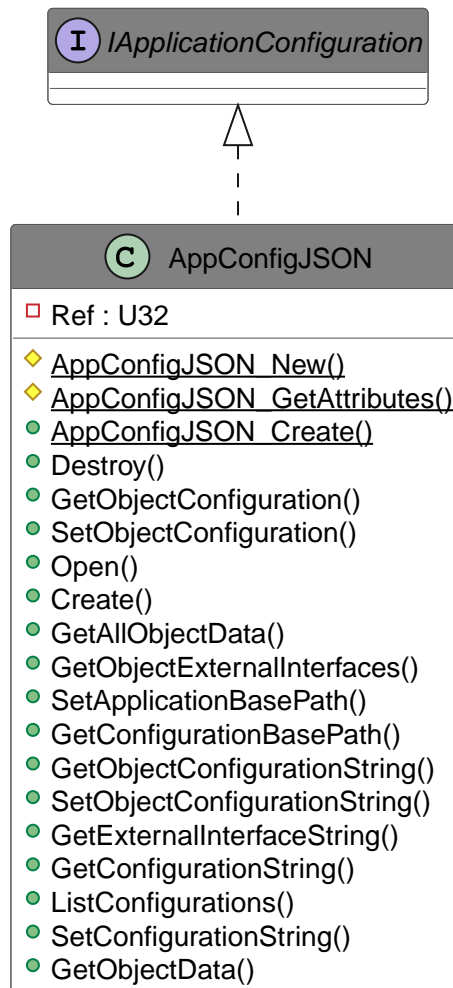


Table 27. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
AppConfigJSON_New		No description found (add content in vi description)			
AppConfigJSON_GetAttributes		No description found (add content in vi description)			
AppConfigJSON_Create		No description found (add content in vi description)			
Destroy		No description found (add content in vi description)			
GetObjectConfiguration		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
SetObjectCon figuration		No description found (add content in vi description)			
Open		No description found (add content in vi description)			
Create		No description found (add content in vi description)			
GetAllObject Data		No description found (add content in vi description)			
GetObjectExt ernalInterfac es		No description found (add content in vi description)			
SetApplication BasePath		No description found (add content in vi description)			
GetConfigura tionBasePath		No description found (add content in vi description)			
GetObjectCon figurationStri ng		No description found (add content in vi description)			
SetObjectCon figurationStri ng		No description found (add content in vi description)			
GetExternalI nterfaceStrin g		No description found (add content in vi description)			
GetConfigura tionString		No description found (add content in vi description)			
ListConfigura tions		No description found (add content in vi description)			
SetConfigurat ionString		No description found (add content in vi description)			
GetObjectDat a		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.14. AppConfigMGI.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

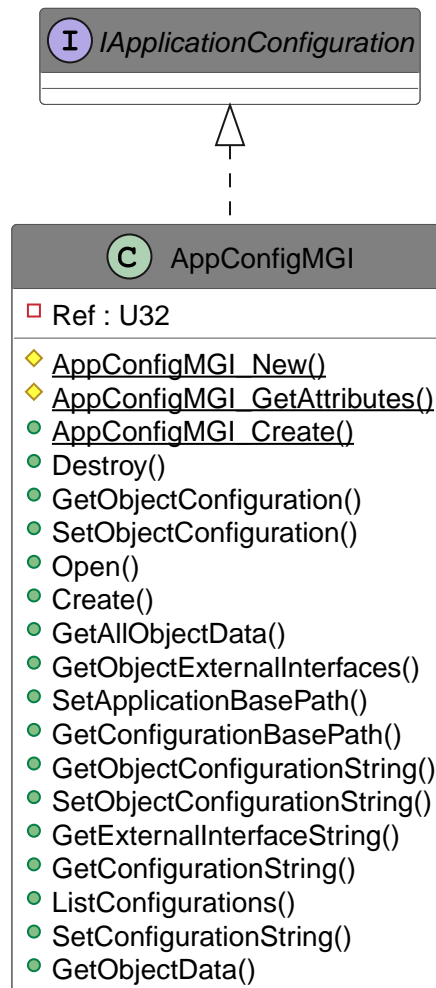


Table 28. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
AppConfigMGI_New		No description found (add content in vi description)			
AppConfigMGI_GetAttributes		No description found (add content in vi description)			
AppConfigMGI_Create		No description found (add content in vi description)			
Destroy		No description found (add content in vi description)			
GetObjectConfiguration		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
SetObjectCon figuration		No description found (add content in vi description)			
Open		No description found (add content in vi description)			
Create		No description found (add content in vi description)			
GetAllObject Data		No description found (add content in vi description)			
GetObjectExt ernalInterfac es		No description found (add content in vi description)			
SetApplicatio nBasePath		No description found (add content in vi description)			
GetConfigura tionBasePath		No description found (add content in vi description)			
GetObjectCon figurationStri ng		No description found (add content in vi description)			
SetObjectCon figurationStri ng		No description found (add content in vi description)			
GetExternalI nterfaceStrin g		No description found (add content in vi description)			
GetConfigura tionString		No description found (add content in vi description)			
ListConfigura tions		No description found (add content in vi description)			
SetConfigurat ionString		No description found (add content in vi description)			
GetObjectDat a		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.15. Application.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

C

Application

Ref : U32

◆ GetApplicationReference()

◆ Application_GetInstance()

◆ RouteExternalInterfaces()

◆ Application_New()

◆ Application_GetAttributes()

● Application_Init()

● Application_CleanUp()

● AddObject()

● SetInterfaceConfiguration()

● GetBasePath()

● ObtainObjectsFromCluster()

● GetObjectFromMemory()

● CreateObject()

● ObtainObject()

● GetObjectConfiguration()

● LoadAllPersistentData()

● GetAllObjectsOfType()

● GetConfigurationBasePath()

● GetExistingObject()

● SetObject()

● DestroyAll()

● PreloadObjects2()

● CreateObjects()

● SetExternalInterfaces()

● SetExternalInterface()

● SaveAllPersistentData()

● GetClassLocation()



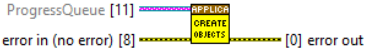







◆ Do_SetApplicationConfiguration()

◆ Do_GetObjectConfiguration()

Table 29. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
Do_SetApplicationConfiguration		No description found (add content in vi description)	🔑		
Do_GetObjectConfiguration		No description found (add content in vi description)	🔑		
GetApplicationReference		No description found (add content in vi description)	🔑		
Application_GetInstance		No description found (add content in vi description)	🔑		

Name	Connector pane	Description	S.	R.	I.
RouteExternalInterfaces		No description found (add content in vi description)			
Application_New		No description found (add content in vi description)			
Application_GetAttributes		No description found (add content in vi description)			
Application_Init		No description found (add content in vi description)			
Application_CleanUp		No description found (add content in vi description)			
AddObject		No description found (add content in vi description)			
SetInterfaceConfiguration		No description found (add content in vi description)			
GetBasePath		No description found (add content in vi description)			
ObtainObjectsFromCluster		No description found (add content in vi description)			
GetObjectFromMemory		No description found (add content in vi description)			
CreateObject		No description found (add content in vi description)			
ObtainObject		No description found (add content in vi description)			
GetObjectConfiguration		No description found (add content in vi description)			
LoadAllPersistentData		No description found (add content in vi description)			
GetAllObjectsOfType		No description found (add content in vi description)			
GetConfigurationBasePath		No description found (add content in vi description)			
GetExistingObject		No description found (add content in vi description)			
SetObject		No description found (add content in vi description)			
DestroyAll		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
PreloadObjects2		No description found (add content in vi description)			
CreateObjects		No description found (add content in vi description)			
SetExternalInterfaces		No description found (add content in vi description)			
SetExternalInterface		No description found (add content in vi description)			
SaveAllPersistentData		No description found (add content in vi description)			
GetClassLocation		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

3.16. MasterGUI.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

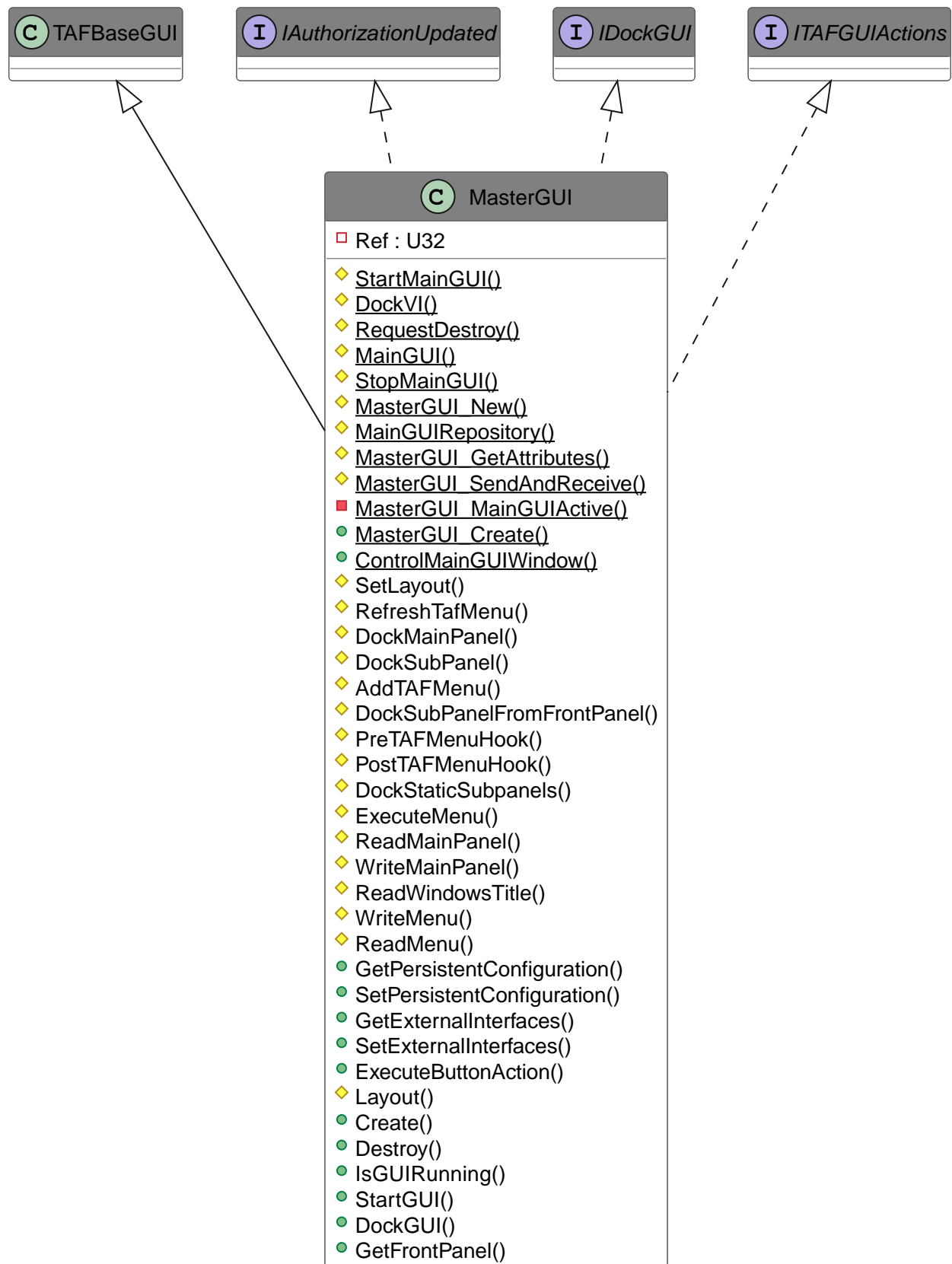
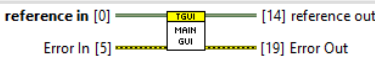


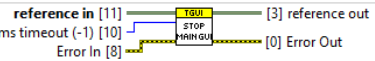




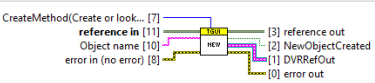


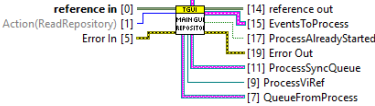

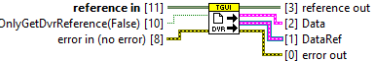

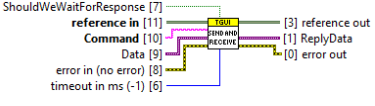



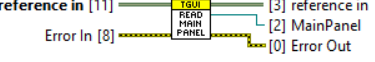



Table 30. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
StartMainGUI		Looks up an existing object matching object name or creates a new object and returns a refnum you can use when calling other class methods. Objects created with this VI should be destroyed using this class Delete VI.			
DockVI		No description found (add content in vi description)			
RequestDestroy		No description found (add content in vi description)			
SetLayout		No description found (add content in vi description)			
RefreshTafMenu		No description found (add content in vi description)			
DockMainPanel		No description found (add content in vi description)			
DockSubPanel		No description found (add content in vi description)			
AddTAFMenu		No description found (add content in vi description)			
DockSubPanelFromFrontPanel		No description found (add content in vi description)			
PreTAFMenuHook		No description found (add content in vi description)			
PostTAFMenuHook		No description found (add content in vi description)			
DockStaticSubpanels		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
MainGUI		<p>This template is based off of the Queued Message Handler design pattern and the Queued Message Handler project template that ships with LabVIEW.</p> <p>The main difference is that the queue is private to this module and communication between modules is performed via Broadcast and Request events.</p> <p>Request events are wrapped in public API methods and are handled in the Event Handling Loop (EHL) of this VI. Any module can register for Broadcast events sent by this module. The EHL generates messages based on user interface actions.</p> <p>The Message Handling Loop (MHL) processes messages generated by the EHL, or by other messages. The messages are string values, so new messages can be added easily to the Message Cases case structure in the MHL. Each message cluster can also provide an optional value for Message Data, which is a variant that can be converted to whatever message-specific data is required.</p>			
StopMainGUI		No description found (add content in vi description)			
ExecuteMenu		No description found (add content in vi description)			
MasterGUI_New		No description found (add content in vi description)			
MainGUIRepository		No description found (add content in vi description)			
MasterGUI_GetAttributes		No description found (add content in vi description)			
MasterGUI_SendAndReceive		No description found (add content in vi description)			
ReadMainPanel		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
WriteMainPanel		No description found (add content in vi description)			
ReadWindowTitle		No description found (add content in vi description)			
WriteMenu		No description found (add content in vi description)			
ReadMenu		No description found (add content in vi description)			
GetPersistentConfiguration		No description found (add content in vi description)			
SetPersistentConfiguration		No description found (add content in vi description)			
GetExternalInterfaces		No description found (add content in vi description)			
SetExternalInterfaces		No description found (add content in vi description)			
ExecuteButtonAction		No description found (add content in vi description)			
Layout		No description found (add content in vi description)			
MasterGUI_Create		No description found (add content in vi description)			
Create		No description found (add content in vi description)			
Destroy		No description found (add content in vi description)			
ControlMainGUIWindow		No description found (add content in vi description)			
IsGUIRunning		No description found (add content in vi description)			
StartGUI		No description found (add content in vi description)			
DockGUI		No description found (add content in vi description)			
GetFrontPanel		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

3.17. TAFBaseGUI.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

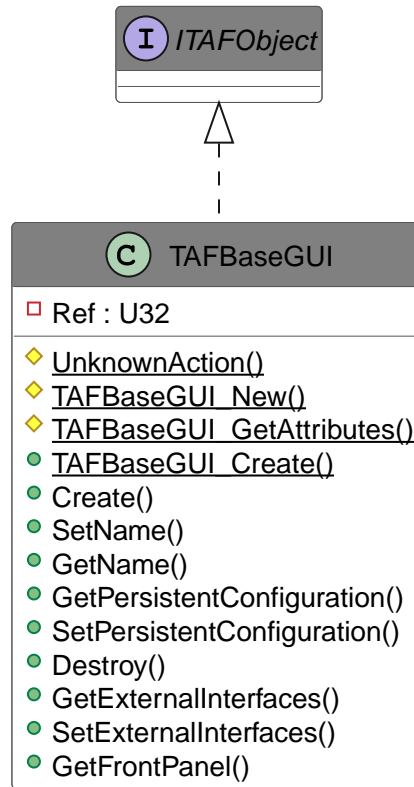
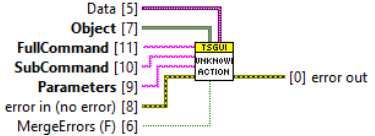

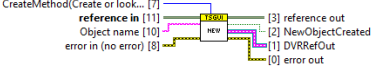


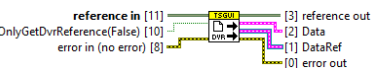

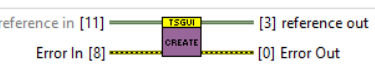
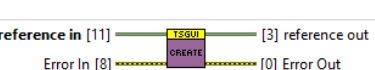
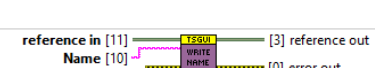
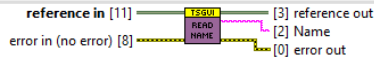


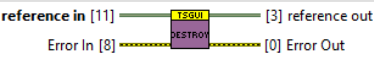
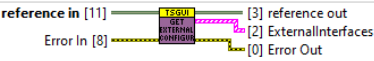
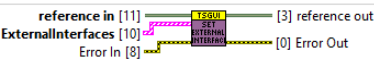
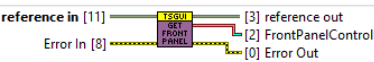


Table 31. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
UnknownAction		No description found (add content in vi description)			
TAFBaseGUI_New		No description found (add content in vi description)			
TAFBaseGUI_GetAttributes		No description found (add content in vi description)			
TAFBaseGUI_Create		No description found (add content in vi description)			
Create		No description found (add content in vi description)			
SetName		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
GetName		No description found (add content in vi description)			
GetPersistentConfiguration		No description found (add content in vi description)			
SetPersistentConfiguration		No description found (add content in vi description)			
Destroy		No description found (add content in vi description)			
GetExternalInterfaces		No description found (add content in vi description)			
SetExternalInterfaces		No description found (add content in vi description)			
GetFrontPanel		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

3.18. BusBase.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

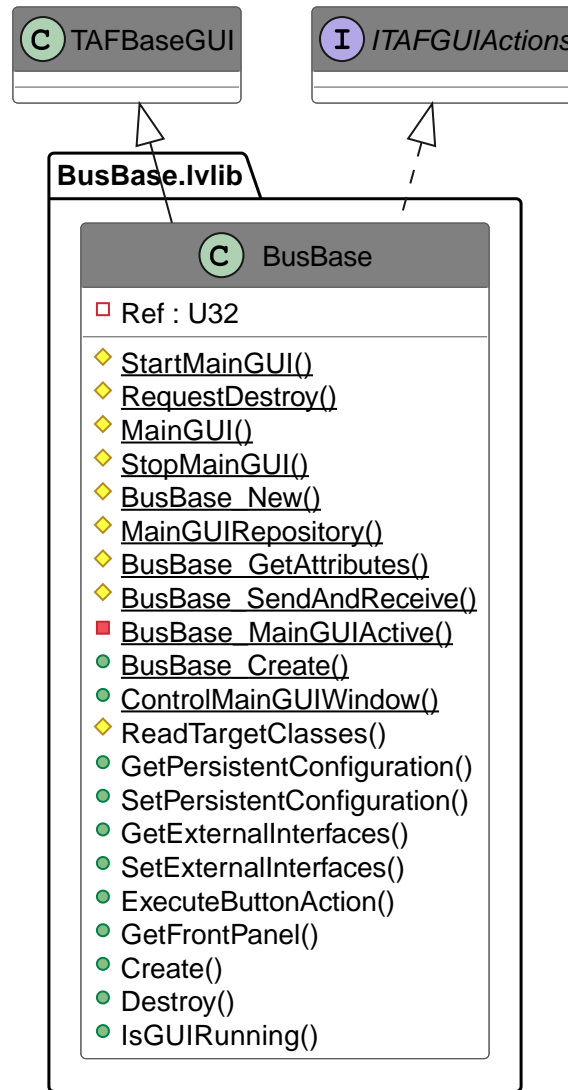


Table 32. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
StartMainGUI		<p>Looks up an existing object matching object name or creates a new object and returns a refnum you can use when calling other class methods.</p> <p>Objects created with this VI should be destroyed using this class Delete VI.</p>	🔑		
RequestDestroy		No description found (add content in vi description)	🔑		

Name	Connector pane	Description	S.	R.	I.
MainGUI		<p>This template is based off of the Queued Message Handler design pattern and the Queued Message Handler project template that ships with LabVIEW.</p> <p>The main difference is that the queue is private to this module and communication between modules is performed via Broadcast and Request events.</p> <p>Request events are wrapped in public API methods and are handled in the Event Handling Loop (EHL) of this VI. Any module can register for Broadcast events sent by this module. The EHL generates messages based on user interface actions.</p> <p>The Message Handling Loop (MHL) processes messages generated by the EHL, or by other messages. The messages are string values, so new messages can be added easily to the Message Cases case structure in the MHL. Each message cluster can also provide an optional value for Message Data, which is a variant that can be converted to whatever message-specific data is required.</p>			
StopMainGUI		No description found (add content in vi description)			
BusBase_New		No description found (add content in vi description)			
MainGUIRepository		No description found (add content in vi description)			
BusBase_GetAttributes		No description found (add content in vi description)			
BusBase_SendAndReceive		No description found (add content in vi description)			
ReadTargetClasses		No description found (add content in vi description)			
GetPersistentConfiguration		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
SetPersistentConfiguration		No description found (add content in vi description)			
GetExternalInterfaces		No description found (add content in vi description)			
SetExternalInterfaces		No description found (add content in vi description)			
ExecuteButtonAction		No description found (add content in vi description)			
GetFrontPanel		No description found (add content in vi description)			
BusBase_Create		No description found (add content in vi description)			
Create		No description found (add content in vi description)			
Destroy		No description found (add content in vi description)			
ControlMainGUIWindow		No description found (add content in vi description)			
IsGUIRunning		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.19. TraceWindow.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

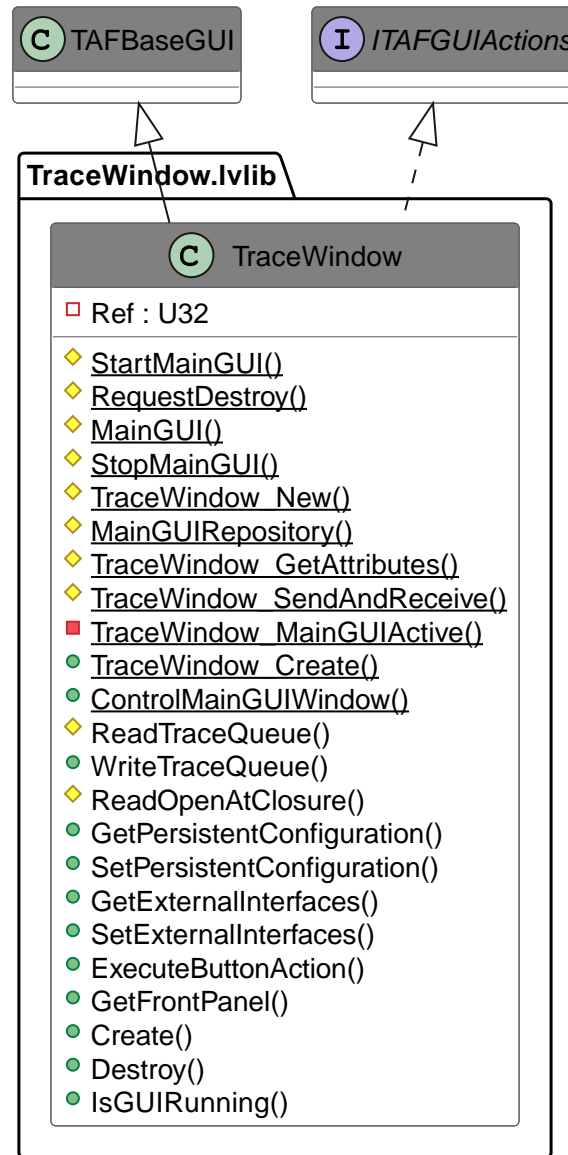


Table 33. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
StartMainGUI		<p>Looks up an existing object matching object name or creates a new object and returns a refnum you can use when calling other class methods.</p> <p>Objects created with this VI should be destroyed using this class Delete VI.</p>			
RequestDestroy		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
MainGUI		<p>This template is based off of the Queued Message Handler design pattern and the Queued Message Handler project template that ships with LabVIEW.</p> <p>The main difference is that the queue is private to this module and communication between modules is performed via Broadcast and Request events.</p> <p>Request events are wrapped in public API methods and are handled in the Event Handling Loop (EHL) of this VI. Any module can register for Broadcast events sent by this module. The EHL generates messages based on user interface actions.</p> <p>The Message Handling Loop (MHL) processes messages generated by the EHL, or by other messages. The messages are string values, so new messages can be added easily to the Message Cases case structure in the MHL. Each message cluster can also provide an optional value for Message Data, which is a variant that can be converted to whatever message-specific data is required.</p>			
StopMainGUI		No description found (add content in vi description)			
TraceWindow_New		No description found (add content in vi description)			
MainGUIRepository		No description found (add content in vi description)			
TraceWindow_GetAttributes		No description found (add content in vi description)			
TraceWindow_SendAndReceive		No description found (add content in vi description)			
ReadTraceQueue		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
WriteTraceQueue		No description found (add content in vi description)			
ReadOpenAtClosure		No description found (add content in vi description)			
GetPersistentConfiguration		No description found (add content in vi description)			
SetPersistentConfiguration		No description found (add content in vi description)			
GetExternalInterfaces		No description found (add content in vi description)			
SetExternalInterfaces		No description found (add content in vi description)			
ExecuteButtonAction		No description found (add content in vi description)			
GetFrontPanel		No description found (add content in vi description)			
TraceWindow_Create		No description found (add content in vi description)			
Create		No description found (add content in vi description)			
Destroy		No description found (add content in vi description)			
ControlMainGUIWindow		No description found (add content in vi description)			
IsGUIRunning		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.20. UserManager.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

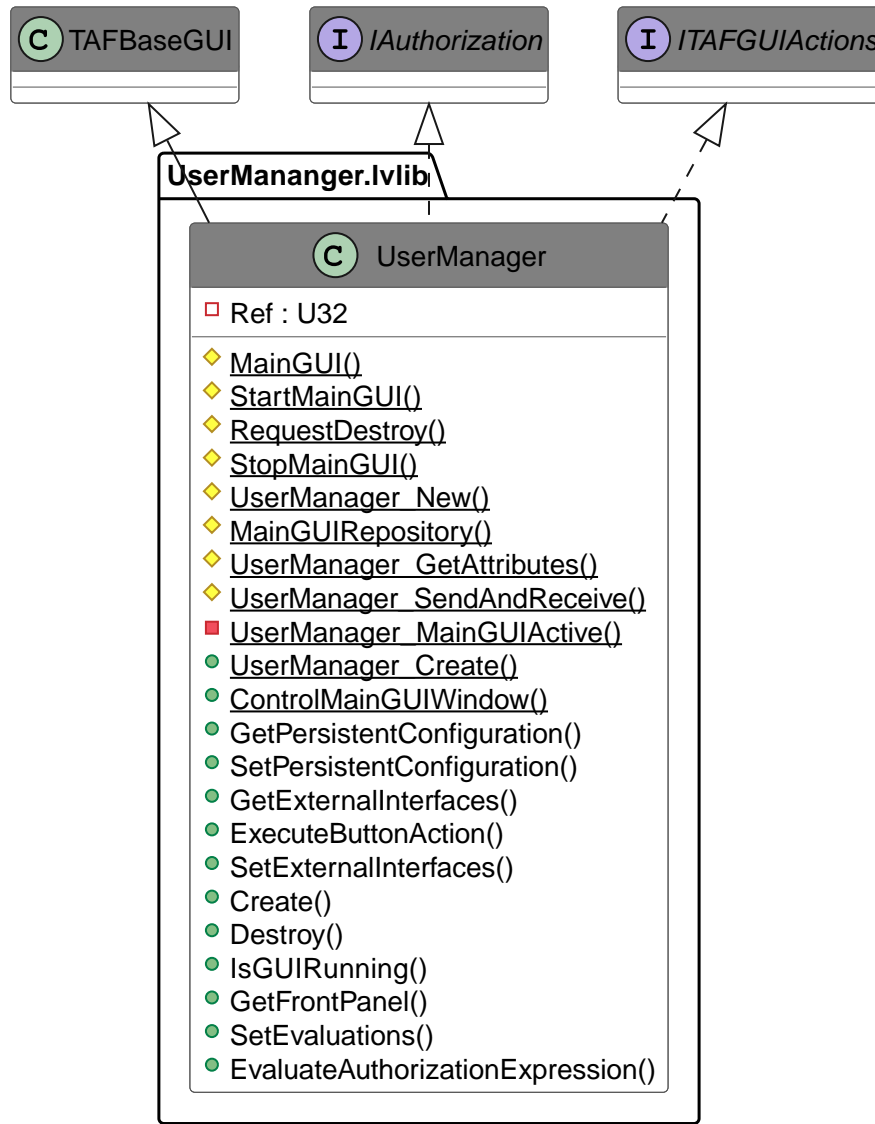


Table 34. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
MainGUI		No description found (add content in vi description)	key		
StartMainGUI		<p>Looks up an existing object matching object name or creates a new object and returns a refnum you can use when calling other class methods.</p> <p>Objects created with this VI should be destroyed using this class Delete VI.</p>	key		
RequestDestroy		No description found (add content in vi description)	key		
StopMainGUI		No description found (add content in vi description)	key	P	
UserMananger _New		No description found (add content in vi description)	key	S	

Name	Connector pane	Description	S.	R.	I.
MainGUIRepository		No description found (add content in vi description)			
UserManager_GetAttributes		No description found (add content in vi description)			
UserManager_SendAndReceive		No description found (add content in vi description)			
GetPersistentConfiguration		No description found (add content in vi description)			
SetPersistentConfiguration		No description found (add content in vi description)			
GetExternalInterfaces		No description found (add content in vi description)			
ExecuteButtonAction		No description found (add content in vi description)			
SetExternalInterfaces		No description found (add content in vi description)			
UserManager_Create		No description found (add content in vi description)			
Create		No description found (add content in vi description)			
Destroy		No description found (add content in vi description)			
ControlMainGUIWindow		No description found (add content in vi description)			
IsGUIRunning		No description found (add content in vi description)			
GetFrontPanel		No description found (add content in vi description)			
SetEvaluations		No description found (add content in vi description)			
EvaluateAuthorizationExpression		No description found (add content in vi description)			

Scope: → Protected | → Community


Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined


3.21. FrontPanelControl.lvclass

Responsibility: No description found (add content in lvclass description)


Version: 1.0.0.1




FrontPanelControl




VIRef : kLVObjVI




Create()



InsertIntoSubPanel()

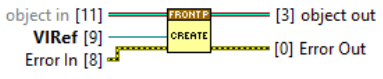
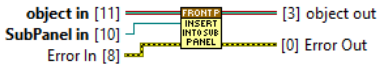
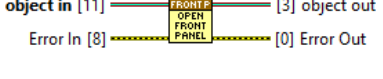
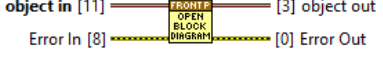


OpenFrontPanel()



OpenBlockDiagram()

Table 35. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
Create		No description found (add content in vi description)			
InsertIntoSubPanel		No description found (add content in vi description)			
OpenFrontPanel		No description found (add content in vi description)			
OpenBlockDiagram		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

3.22. FlexPanelDefault.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.1

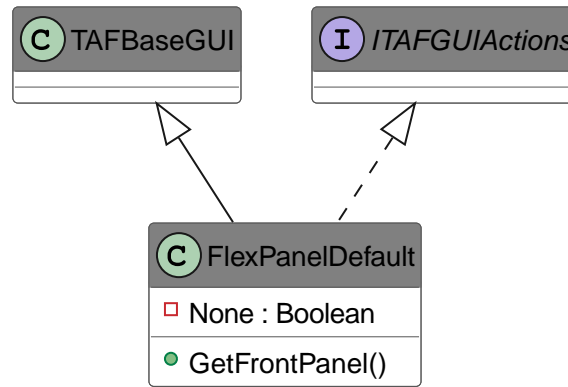


Table 36. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
GetFrontPanel		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.23. Footer.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.1

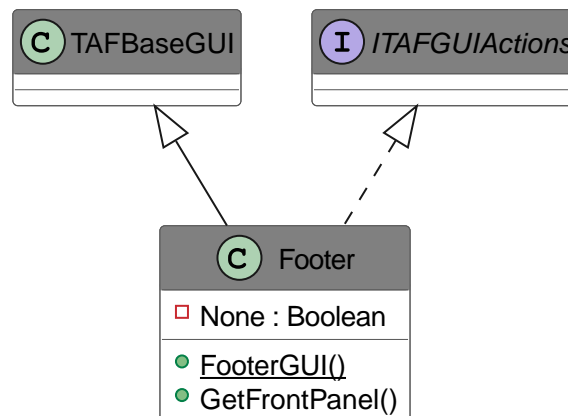


Table 37. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
FooterGUI		No description found (add content in vi description)			
GetFrontPanel		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

3.24. FooterTriekselSoft.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.1

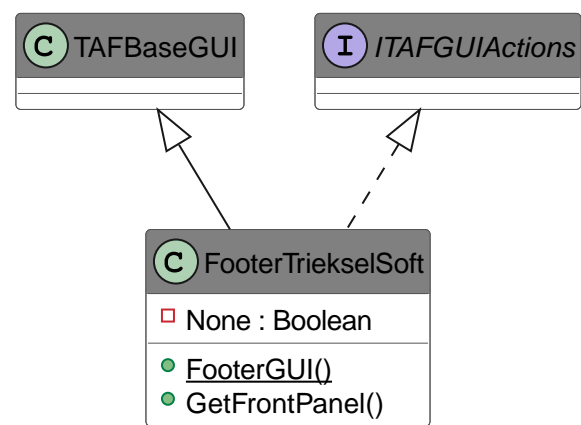

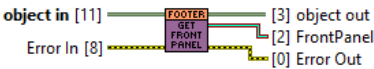


Table 38. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
FooterGUI		No description found (add content in vi description)			
GetFrontPanel		No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

3.25. HeaderTriekselSoft.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.3

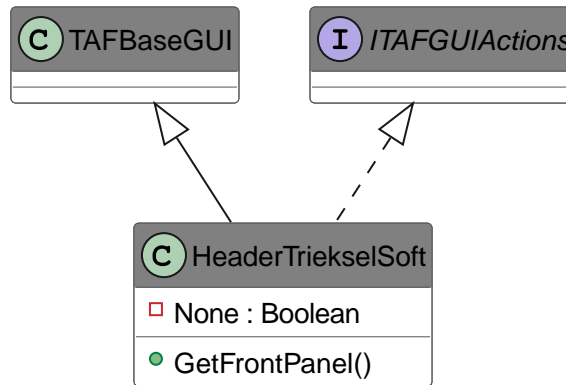


Table 39. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
GetFrontPanel		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.26. JSONTextViewer.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

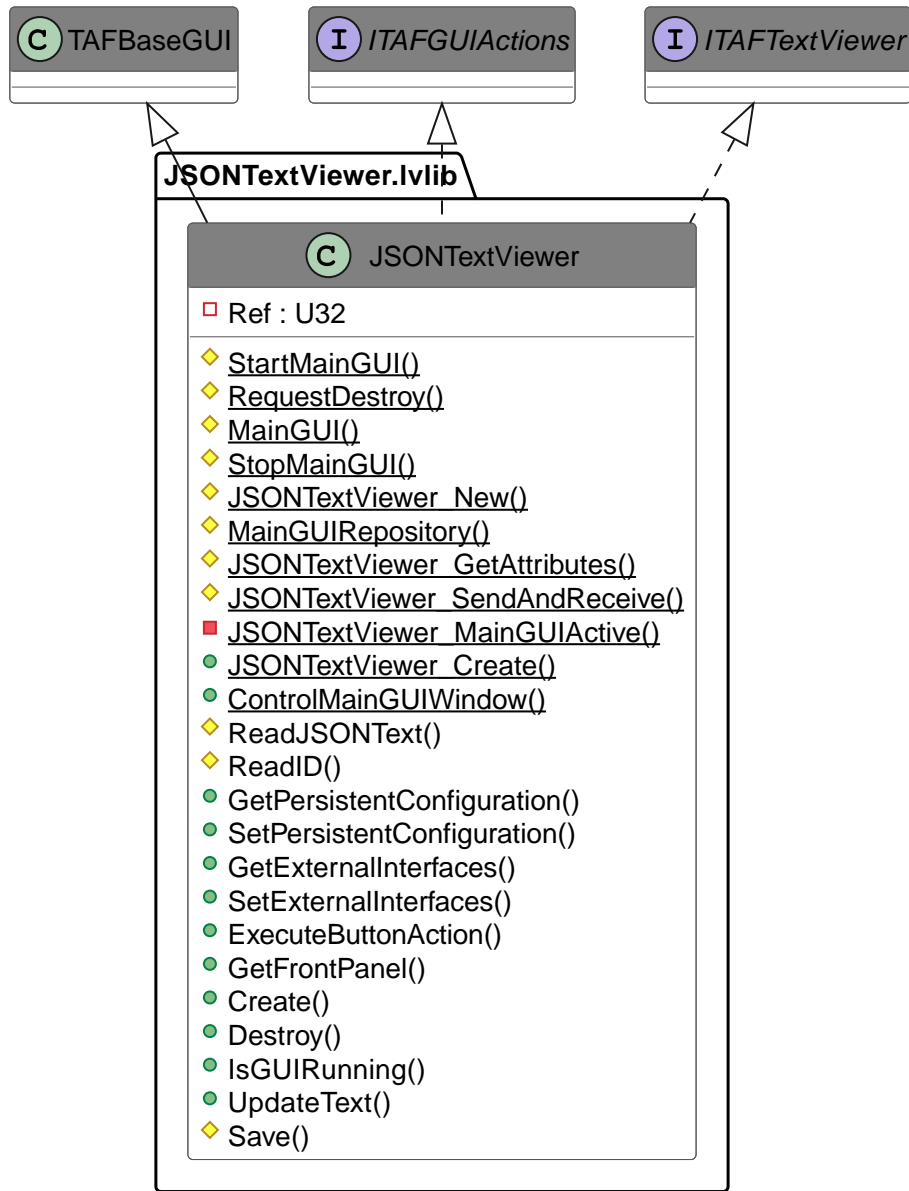


Table 40. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
StartMainGUI		<p>Looks up an existing object matching object name or creates a new object and returns a refnum you can use when calling other class methods.</p> <p>Objects created with this VI should be destroyed using this class Delete VI.</p>	🔑		
RequestDestroy		No description found (add content in vi description)	🔑		

Name	Connector pane	Description	S.	R.	I.
MainGUI		<p>This template is based off of the Queued Message Handler design pattern and the Queued Message Handler project template that ships with LabVIEW.</p> <p>The main difference is that the queue is private to this module and communication between modules is performed via Broadcast and Request events.</p> <p>Request events are wrapped in public API methods and are handled in the Event Handling Loop (EHL) of this VI. Any module can register for Broadcast events sent by this module. The EHL generates messages based on user interface actions.</p> <p>The Message Handling Loop (MHL) processes messages generated by the EHL, or by other messages. The messages are string values, so new messages can be added easily to the Message Cases case structure in the MHL. Each message cluster can also provide an optional value for Message Data, which is a variant that can be converted to whatever message-specific data is required.</p>			
StopMainGUI		No description found (add content in vi description)			
JSONTextViewer_New		No description found (add content in vi description)			
MainGUIRepository		No description found (add content in vi description)			
JSONTextViewer_GetAttributes		No description found (add content in vi description)			
JSONTextViewer_SendAndReceive		No description found (add content in vi description)			
ReadJSONText		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
ReadID		No description found (add content in vi description)			
GetPersistentConfiguration		No description found (add content in vi description)			
SetPersistentConfiguration		No description found (add content in vi description)			
GetExternalInterfaces		No description found (add content in vi description)			
SetExternalInterfaces		No description found (add content in vi description)			
ExecuteButtonAction		No description found (add content in vi description)			
GetFrontPanel		No description found (add content in vi description)			
JSONTextWriter_Create		No description found (add content in vi description)			
Create		No description found (add content in vi description)			
Destroy		No description found (add content in vi description)			
ControlMainGUIWindow		No description found (add content in vi description)			
IsGUIRunning		No description found (add content in vi description)			
UpdateText		No description found (add content in vi description)			
Save		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.27. UsedInTestClass.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

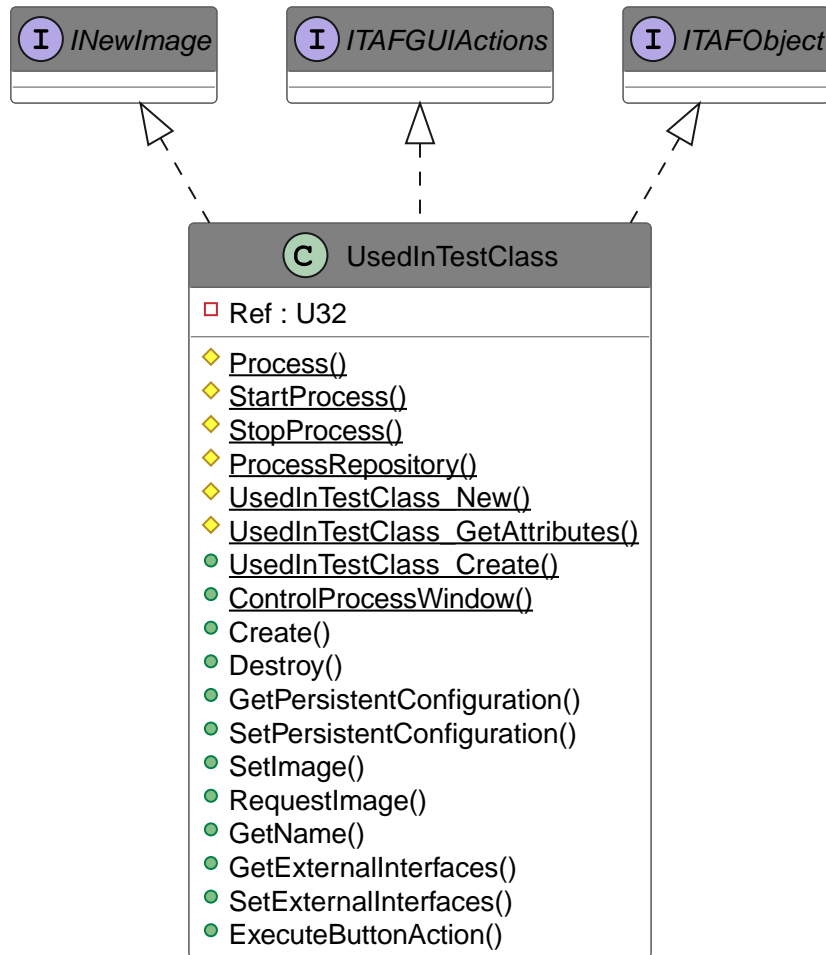


Table 41. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
Process		No description found (add content in vi description)	key	P	
StartProcess		Looks up an existing object matching object name or creates a new object and returns a refnum you can use when calling other class methods. Objects created with this VI should be destroyed using this class Delete VI.	key		
StopProcess		No description found (add content in vi description)	key	P	
ProcessRepository		No description found (add content in vi description)	key		
UsedInTestClass_New		No description found (add content in vi description)	key	S	
UsedInTestClass_GetAttributes		No description found (add content in vi description)	key		

Name	Connector pane	Description	S.	R.	I.
UsedInTestClass_Create		No description found (add content in vi description)			
Create		No description found (add content in vi description)			
Destroy		No description found (add content in vi description)			
GetPersistentConfiguration		No description found (add content in vi description)			
SetPersistentConfiguration		No description found (add content in vi description)			
ControlProcessWindow		No description found (add content in vi description)			
SetImage		No description found (add content in vi description)			
RequestImage		No description found (add content in vi description)			
GetName		No description found (add content in vi description)			
GetExternalInterfaces		No description found (add content in vi description)			
SetExternalInterfaces		No description found (add content in vi description)			
ExecuteButtonAction		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.28. ButtonCollection.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.3

C ButtonCollection

☐ ButtonDefinitions : Array of Cluster
☐ Buttons : Cluster
☐ Active : Cluster
☐ ActiveIndex : I32

☐ Load()
☐ ManualWriteFile()
☐ Save()
☐ ReadButtonDefinitions()
☐ CleanUp()
☐ SetButtonControls()
☐ SetN()
☐ PressButton()

Table 42. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
ReadButtonDefinitions		No description found (add content in vi description)			
Load		No description found (add content in vi description)			
CleanUp		No description found (add content in vi description)			
SetButtonControls		No description found (add content in vi description)			
SetNavigationLevel		No description found (add content in vi description)			
PressButton		No description found (add content in vi description)			
ManualWriteFile		No description found (add content in vi description)			
Save		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.29. VerticalButtonBar.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.1

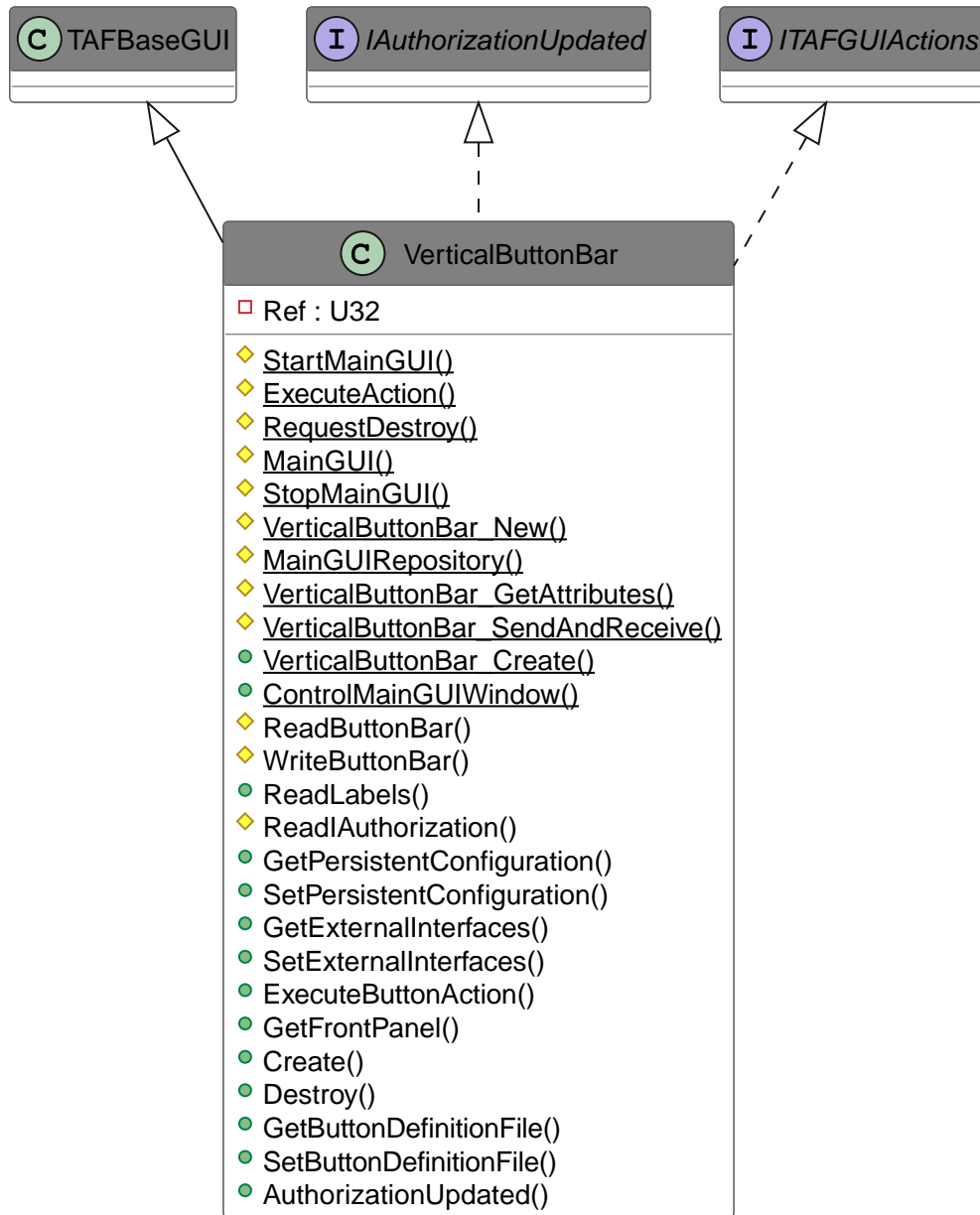


Table 43. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
StartMainGUI	<pre> sequenceDiagram participant EFP as [5] EventFromProcess participant S as [3] START MAIN GUI participant EO as [0] Error Out EFP->>S: [3] reference out S->>EO: [2] timed out S->>EO: [0] Error Out </pre>	<p>Looks up an existing object matching object name or creates a new object and returns a refnum you can use when calling other class methods.</p> <p>Objects created with this VI should be destroyed using this class Delete VI.</p>			
ExecuteAction	<pre> sequenceDiagram participant VB as [11] VerticalButtonBar in participant BD as [10] ButtonDefinition participant EA as [3] EXECUTE ACTION participant EI as [8] error in (no error) VB->>EA: [3] VerticalButtonBar out BD->>EI: [0] error out </pre>	No description found (add content in vi description)			
RequestDestroy	<pre> sequenceDiagram participant RI as [11] reference in participant RD as [3] REQUEST DESTROY participant EO as [0] Error Out RI->>RD: [3] reference out RD->>EO: [0] Error Out </pre>	No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
MainGUI		<p>This template is based off of the Queued Message Handler design pattern and the Queued Message Handler project template that ships with LabVIEW.</p> <p>The main difference is that the queue is private to this module and communication between modules is performed via Broadcast and Request events.</p> <p>Request events are wrapped in public API methods and are handled in the Event Handling Loop (EHL) of this VI. Any module can register for Broadcast events sent by this module. The EHL generates messages based on user interface actions.</p> <p>The Message Handling Loop (MHL) processes messages generated by the EHL, or by other messages. The messages are string values, so new messages can be added easily to the Message Cases case structure in the MHL. Each message cluster can also provide an optional value for Message Data, which is a variant that can be converted to whatever message-specific data is required.</p>			
StopMainGUI		No description found (add content in vi description)			
VerticalButtonBar_New		No description found (add content in vi description)			
MainGUIRepository		No description found (add content in vi description)			
VerticalButtonBar_GetAttributes		No description found (add content in vi description)			
VerticalButtonBar_SendAndReceive		No description found (add content in vi description)			
ReadButtonBar		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
WriteButton Bar	reference in [11] 	No description found (add content in vi description)			
ReadLabels	reference in [11] 	No description found (add content in vi description)			
ReadIAuthorization	reference in [11] 	No description found (add content in vi description)			
GetPersistentConfiguration	reference in [11] 	No description found (add content in vi description)			
SetPersistentConfiguration	reference in [11] 	No description found (add content in vi description)			
GetExternalInterfaces	reference in [11] 	No description found (add content in vi description)			
SetExternalInterfaces	reference in [11] 	No description found (add content in vi description)			
ExecuteButtonAction	reference in [11] 	No description found (add content in vi description)			
GetFrontPanel	reference in [11] 	No description found (add content in vi description)			
VerticalButtonBar_Create	reference in [11] 	No description found (add content in vi description)			
Create	reference in [11] 	No description found (add content in vi description)			
Destroy	reference in [11] 	No description found (add content in vi description)			
GetButtonDefinitionFile	reference in [11] 	No description found (add content in vi description)			
SetButtonDefinitionFile	reference in [11] 	No description found (add content in vi description)			
ControlMainGUIWindow	reference in [11] 	No description found (add content in vi description)			
AuthorizationUpdated	reference in [11] 	No description found (add content in vi description)			

Scope:  → Protected |  → Community

Reentrancy:  → Preallocated reentrancy |  → Shared reentrancy

Inlining:  → Inlined

3.30. Mockup_ConfigurationManager.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.1

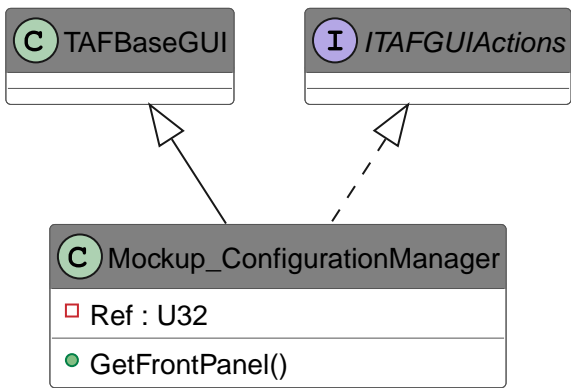


Table 44. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
GetFrontPanel		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preeallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.31. Mockup_QualificationScreen.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

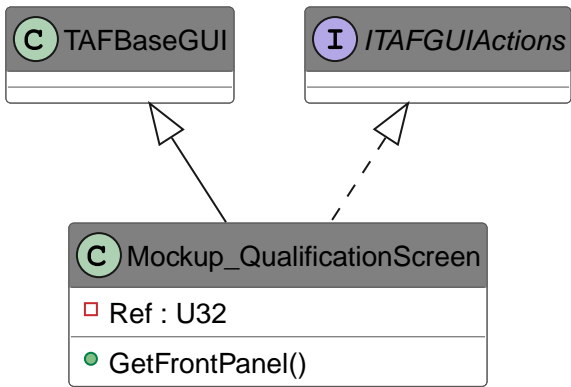


Table 45. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
GetFrontPanel		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.32. Mockup_ServiceScreen.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

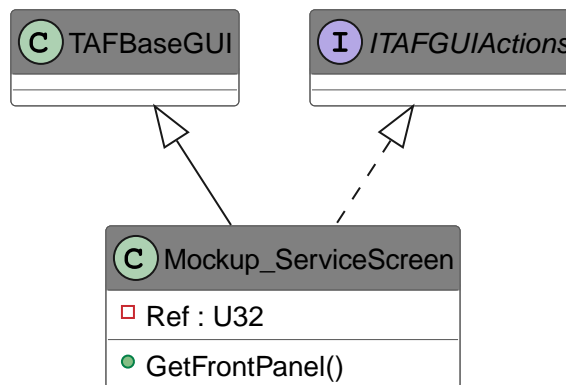


Table 46. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
GetFrontPanel		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.33. Mockup_UserManager.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

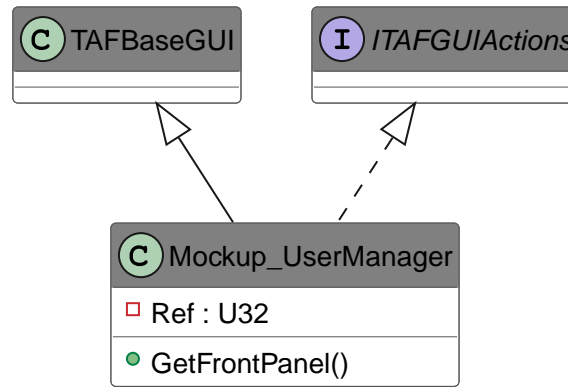


Table 47. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
GetFrontPanel		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.34. DemoApplication.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.2

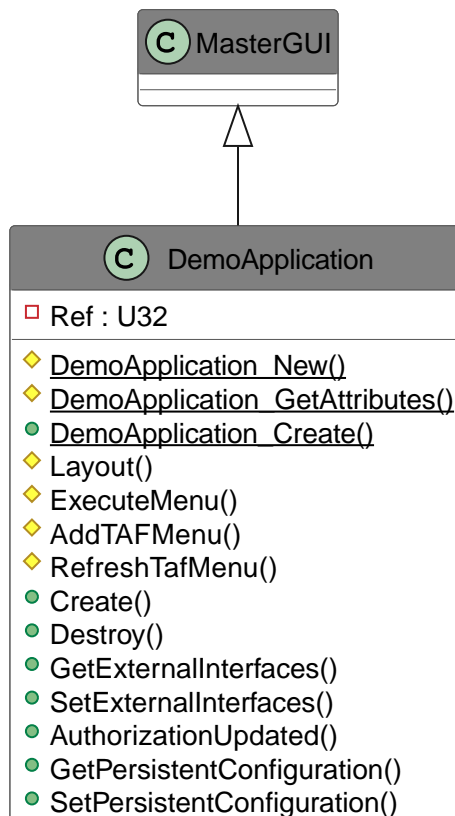


Table 48. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
Layout		No description found (add content in vi description)			
ExecuteMenu		No description found (add content in vi description)			
AddTAFMenu		No description found (add content in vi description)			
RefreshTafMenu		No description found (add content in vi description)			
DemoApplica tion_New		No description found (add content in vi description)			
DemoApplica tion_GetAttri butes		No description found (add content in vi description)			
DemoApplica tion_Create		No description found (add content in vi description)			
Create		No description found (add content in vi description)			
Destroy		No description found (add content in vi description)			
GetExternalI nterfaces		No description found (add content in vi description)			
SetExternalIn terfaces		No description found (add content in vi description)			
Authorizatio nUpdated		No description found (add content in vi description)			
GetPersistent Configuratio n		No description found (add content in vi description)			
SetPersistent Configuratio n		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.35. TemplateGUI.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.1

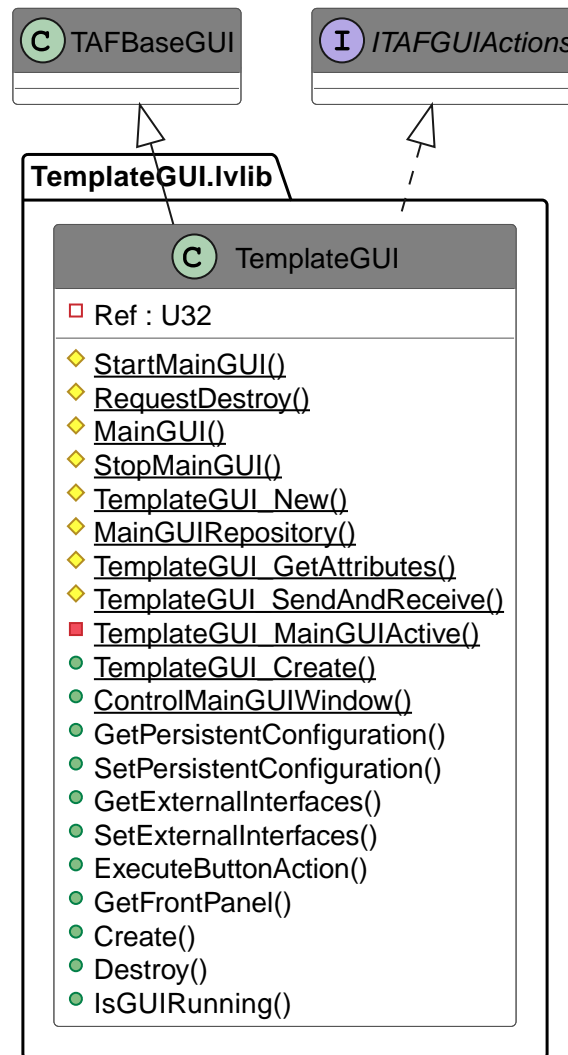


Table 49. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
StartMainGUI		<p>Looks up an existing object matching object name or creates a new object and returns a refnum you can use when calling other class methods.</p> <p>Objects created with this VI should be destroyed using this class Delete VI.</p>	🔑		
RequestDestroy		No description found (add content in vi description)	🔑		

Name	Connector pane	Description	S.	R.	I.
MainGUI		<p>This template is based off of the Queued Message Handler design pattern and the Queued Message Handler project template that ships with LabVIEW.</p> <p>The main difference is that the queue is private to this module and communication between modules is performed via Broadcast and Request events.</p> <p>Request events are wrapped in public API methods and are handled in the Event Handling Loop (EHL) of this VI. Any module can register for Broadcast events sent by this module. The EHL generates messages based on user interface actions.</p> <p>The Message Handling Loop (MHL) processes messages generated by the EHL, or by other messages. The messages are string values, so new messages can be added easily to the Message Cases case structure in the MHL. Each message cluster can also provide an optional value for Message Data, which is a variant that can be converted to whatever message-specific data is required.</p>			
StopMainGUI		No description found (add content in vi description)			
TemplateGUI_New		No description found (add content in vi description)			
MainGUIRepository		No description found (add content in vi description)			
TemplateGUI_GetAttributes		No description found (add content in vi description)			
TemplateGUI_SendAndReceive		No description found (add content in vi description)			
GetPersistentConfiguration		No description found (add content in vi description)			

Name	Connector pane	Description	S.	R.	I.
SetPersistentConfiguration		No description found (add content in vi description)			
GetExternalInterfaces		No description found (add content in vi description)			
SetExternalInterfaces		No description found (add content in vi description)			
ExecuteButtonAction		No description found (add content in vi description)			
GetFrontPanel		No description found (add content in vi description)			
TemplateGUI_Create		No description found (add content in vi description)			
Create		No description found (add content in vi description)			
Destroy		No description found (add content in vi description)			
ControlMainGUIWindow		No description found (add content in vi description)			
IsGUIRunning		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.36. ErrorCreationTAF.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0

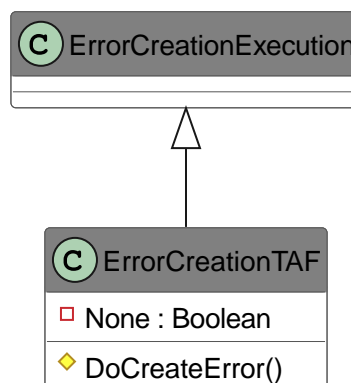


Table 50. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
DoCreateError		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preeallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

3.37. BusAuthorizationUpdated.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.3

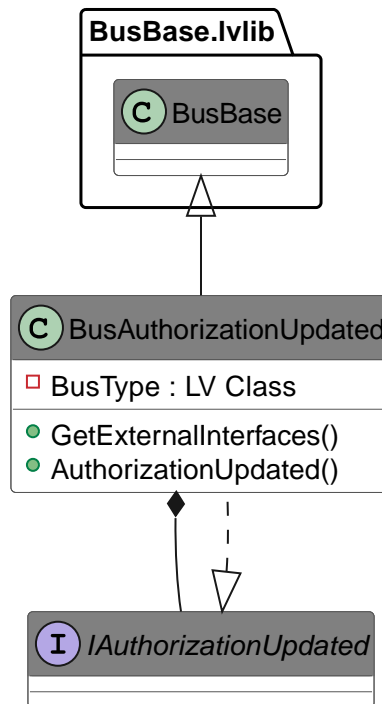


Table 51. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
GetExternalInterfaces		No description found (add content in vi description)			
AuthorizationUpdated		No description found (add content in vi description)			

Scope: → Protected | → Community

Reentrancy: → Preeallocated reentrancy | → Shared reentrancy

Inlining:  → Inlined

3.38. IInterface.lvclass

Responsibility: No description found (add content in lvclass description)

Version: 1.0.0.0



This library has no functions set to non private scope.

Chapter 4. Legal Information

4.1. Document creation

This document has been generated using the following tools.

4.1.1. Antidoc

Project website: [Antidoc](#)

Maintainer website: [Wovalab](#)

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4.1.2. AsciiDoc for LabVIEW™

Project website: [AsciiDoc toolkit](#)

Maintainer website: [Wovalab](#)

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4.1.3. Graph Builder

Project website: [Graph Builder](#)

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4.1.4. classy Diagram Viewer

Project website: [classy Diagram Viewer](#)

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4.2. Product used in the project

Antidoc hasn't been able to detect third party products in the project. This is the author's responsibility to list any of the missing product used.