

# Source code documentation

Antidoc v2.0.4

# Table of Contents

1. Project description .....	1
2. User Interface Items.....	2
2.1. User Interfaces.....	2
3. Classes .....	3
3.1. Classes overview.....	3
3.2. Application.lvclass .....	3
4. Legal Information.....	8
4.1. Document creation.....	8
4.2. Product used in the project .....	10

# Chapter 1. Project description

No description found (add content in project description)

# Chapter 2. User Interface Items

This section describes the user interface components.

## 2.1. User Interfaces

# Chapter 3. Classes

This section describes the classes contained in the project.

## 3.1. Classes overview

This project contains 1 classe and 0 interface.

Table 1. Classes list

Classes	Interfaces
<a href="#">Application.lvclass</a>	

C

Application

Ref : U32

GetApplicationReference()

Application\_GetInstance()

RouteExternalInterfaces()

Application\_New()

Application\_GetAttributes()

Application\_Init()

Application\_CleanUp()

AddObject()

SetInterfaceConfiguration()

GetBasePath()

GetObjectFromMemory()

CreateObject()

LoadAllPersistentData()

GetAllObjectsOfType()

GetConfigurationBasePath()

GetExistingObject()

DestroyAll()

PreloadObjects()

CreateObjects()

SetExternalInterfaces()

SaveAllPersistentData()

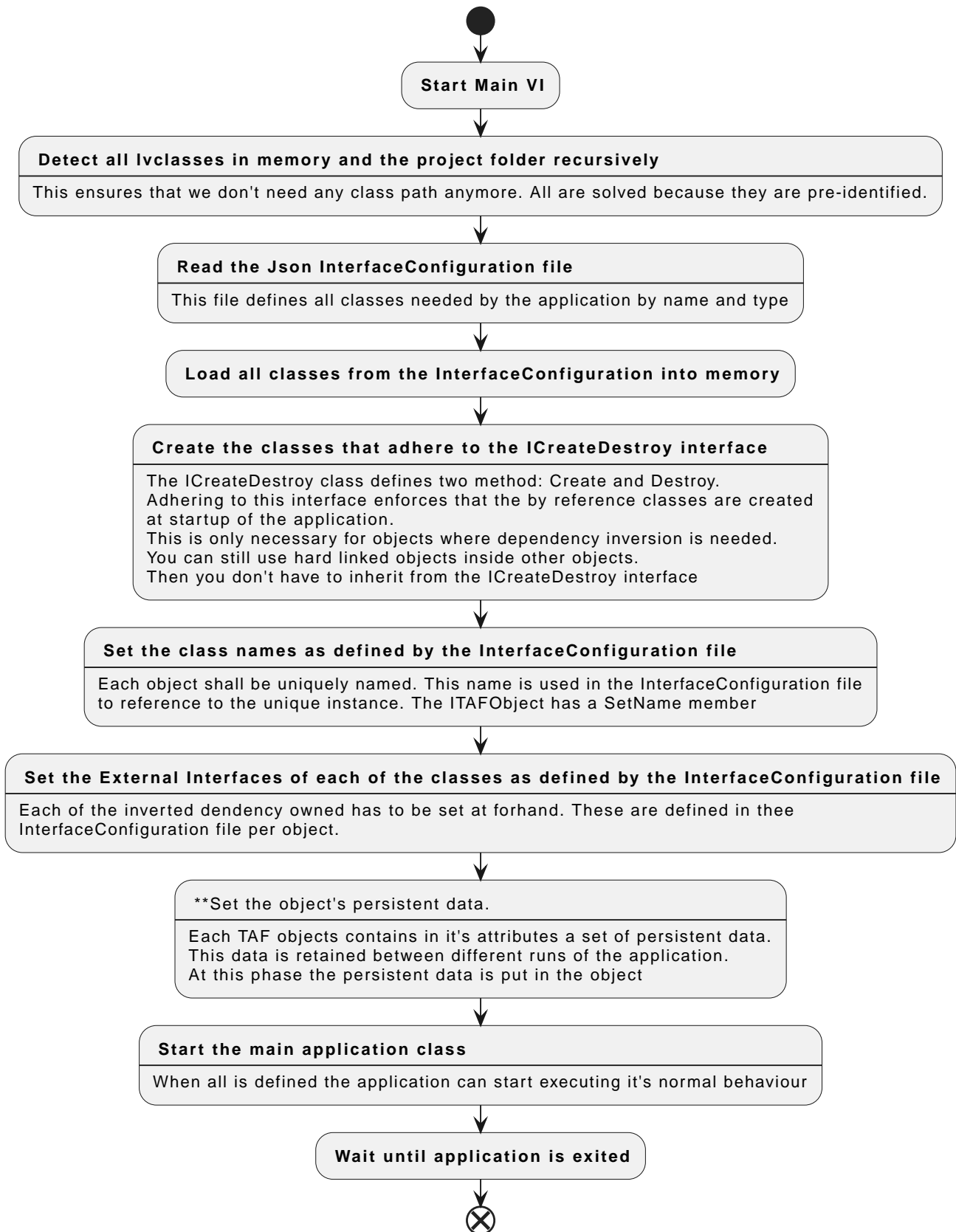
GetClassLocation()

Do\_SetApplicationConfiguration()

Do\_GetObjectConfiguration()

## 3.2. Application.lvclass

**Responsibility:** This is a singleton class that manages at high level the application.



Version: 1.0.0.0

C Application
<div> <div>Ref : U32</div> <div> <div> <div>GetApplicationReference()</div> <div>Application_GetInstance()</div> <div>RouteExternalInterfaces()</div> <div>Application_New()</div> <div>Application_GetAttributes()</div> <div>Application_Init()</div> <div>Application_CleanUp()</div> <div>AddObject()</div> <div>SetInterfaceConfiguration()</div> <div>GetBasePath()</div> <div>GetObjectFromMemory()</div> <div>CreateObject()</div> <div>LoadAllPersistentData()</div> <div>GetAllObjectsOfType()</div> <div>GetConfigurationBasePath()</div> <div>GetExistingObject()</div> <div>DestroyAll()</div> <div>PreloadObjects()</div> <div>CreateObjects()</div> <div>SetExternalInterfaces()</div> <div>SaveAllPersistentData()</div> <div>GetClassLocation()</div> <div>Do_SetApplicationConfiguration()</div> <div>Do_GetObjectConfiguration()</div> </div> </div> </div>

Table 2. Functions (non private scope only)

Name	Connector pane	Description	S.	R.	I.
Do_SetApplicationConfiguration		-tbd-			
Do_GetObjectConfiguration		-tbd-			
GetApplicationReference		-tbd-			
Application_GetInstance		-tbd-			
RouteExternalInterfaces		-tbd-			
Application_New		GOOP4 Attribute container.			
Application_GetAttributes		Retrieves the object attributes of the by reference class.			
Application_Init		Initializes the application. Sets the base path for the application			

Name	Connector pane	Description	S.	R.	I.
Application_CleanUp		-tbd-			
AddObject		Add the object provide linked to the provided name to the object pool			
SetInterfaceConfiguration		Sets the configuration to be used by the application. This is typically set at the start of the application			
GetBasePath		Returns the base path of the project or application			
GetObjectFromMemory		-tbd-			
CreateObject		Creates the ITAFObjct provided as input and put it to the object pool			
LoadAllPersistendData		Loads the persistend data of each IPersistendData supported interface objects from disk and puts in the object.			
GetAllObjectsOfType		Returns from the pool all objects that inherit from the applied class or interface.			
GetConfigurationBasePath		Returns the root folder of the currently active configuration.			
GetExistingObject		Returns the object from the pool with the specified type and label. If you provide an interface the interface implemenation is returned.			
DestroyAll		Calls the Destroy method of eacht of the objects in the pool if these objects support the ICreateDestroy interface.			
PreloadObjects		Load all objects from the InterfaceConfiguration file into memory			
CreateObjects		Calls the Create method from each of the objects in the pool if these objects supports the ICreateDestroy interface. If they don't support it the object is skipped			
SetExternalInterfaces		Sets the external interfaces of all ITAFObjct supported objects. This allows the object to communicate with the objects depends on			



Name	Connector pane	Description	S.	R.	I.
SaveAllPersistData		Retrieves from the objects that support the IPersistendData interface the persistend data and stores that to disk. Each objects gets it's own file.			
GetClassLocation		Returns the file location of the classname			

Scope: → Protected | → Community

Reentrancy: → Preallocated reentrancy | → Shared reentrancy

Inlining: → Inlined

# 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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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**

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