

# Model Report

## Utiles

Version 1.0 • Proposé



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# Utiles

Package in package 'Domain Model'

Utiles

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## Utiles diagram

C++ Class diagram in package 'Utiles'

Utiles

Version 1.0

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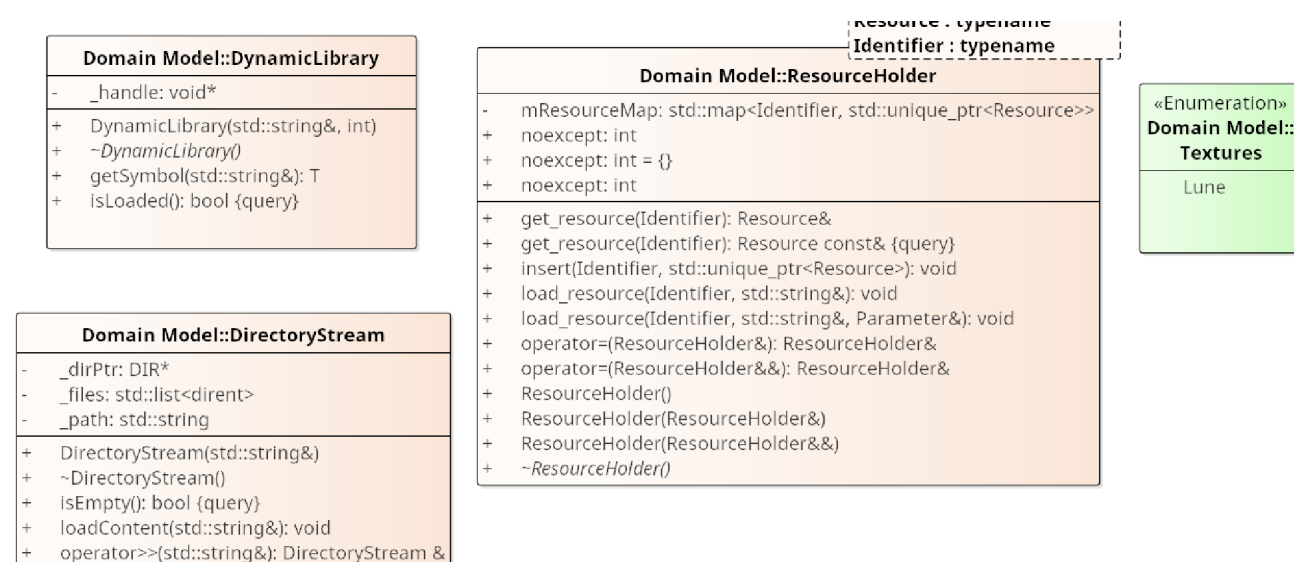


Figure 1: Utiles

## DirectoryStream

Classe in package 'Domain Model'

DirectoryStream

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ATTRIBUTES	
<b>_dirPtr</b> : DIR* Private	[ Is static Faux. Containment is Non spécifié. ]
<b>_files</b> : std::list<dirent> Private	[ Is static Faux. Containment is Non spécifié. ]
<b>_path</b> : std::string Private	[ Is static Faux. Containment is Non spécifié. ]
OPERATIONS	

OPERATIONS	
◆ DirectoryStream (path : std::string& ) : Public	
Properties: explicit = true initializer = _path(path)	[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]
◆ ~DirectoryStream () : Public	[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]
◆ isEmpty () : bool Public	[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Vrai . Is synchronized Faux. ]
◆ loadContent (filter : std::string& ) : void Public	[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]
◆ operator>> (out : std::string& ) : DirectoryStream & Public	[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]

## DynamicLibrary

Classe in package 'Domain Model'

DynamicLibrary  
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ATTRIBUTES	
◆ _handle : void* Private	[ Is static Faux. Containment is Non spécifié. ]

OPERATIONS	
◆ DynamicLibrary (lib : std::string& , openMode : int ) : Public	
Properties: explicit = true	[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]
◆ ~DynamicLibrary () : Public	[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]
◆ getSymbol (symName : std::string& ) : T Public	
Properties: bodyLocation = classDec	[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]
◆ isLoaded () : bool Public	[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Vrai . Is synchronized Faux. ]

# ResourceHolder


Classe in package 'Domain Model'

ResourceHolder  
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## ATTRIBUTES

-  mResourceMap : std::map<Identifier, std::unique\_ptr<Resource>> Private  
[ Is static Faux. Containment is Non spécifié. ]
-  noexcept : int Public  
[ Is static Faux. Containment is Non spécifié. ]
-  noexcept : int Public = {}  
Properties:  
uniform\_initialized = true  
[ Is static Faux. Containment is Non spécifié. ]
-  noexcept : int Public  
[ Is static Faux. Containment is Non spécifié. ]

## ASSOCIATIONS

-  Association (direction: Source -> Destination)  
Source: Public (Classe) SfmlDisplay      Target: Private \_textures (Classe) ResourceHolder

## OPERATIONS

-  get\_resource (id : Identifier ) : Resource& Public  
[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]
-  get\_resource (id : Identifier ) : Resource const& Public  
[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Vrai . Is synchronized Faux. ]
-  insert (id : Identifier , resource : std::unique\_ptr<Resource> ) : void Public  
[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]
-  load\_resource (id : Identifier , filename : std::string& ) : void Public  
[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]
-  load\_resource (id : Identifier , filename : std::string& , prm1 : Parameter& ) : void Public  
[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]
-  operator= (other : ResourceHolder& ) : ResourceHolder& Public  
[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]

**OPERATIONS**

◆ operator= (other : ResourceHolder&& ) : ResourceHolder& Public  
 [ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]

◆ ResourceHolder () : Public

Properties:

bodyLocation = classDec

[ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]

◆ ResourceHolder (other : ResourceHolder&& ) : Public  
 [ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]

◆ ResourceHolder (other : ResourceHolder&& ) : Public  
 [ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]

◆ ~ResourceHolder () : Public  
 [ Is static Faux. Is abstract Faux. Is return array Faux. Is query Faux. Is synchronized Faux. ]

## Textures

Énumération «Enumeration» in package 'Domain Model'

Textures

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**ATTRIBUTES**

◆ Lune : Public

[ Is static Faux. Containment is Non spécifié. ]