Model Report

PascalSECURE

Version 1.0 • Proposed

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PascalSECURE

Package in package 'Class Model'

PascalSECURE is a securitysystem for the most popular standard controls of Lazarus

Every securecontrol (Button, Edit, TabSheets,...) can activated/deactivated by free defined keys. You have to write only the logic depended on your need. Database, Textfiles, API,... all is possible.

These components allows you easy implement a security system on your application, GUI or console. The basic usage of these components are:

Insert a Security Manager. Choose one model (user level, user and authorizations, user/groups with authorizations...) that best fits on your needs, or write your own model using a customizable model.
Insert a Security Interface (graphical, console or customized Login/UserManagement).
If you are developing a GUI application, insert secure controls and set the property SecurityCode.
It is a standalone part of PascalSCADA 1.0 - A multiplatform SCADA framework for Lazarus. This code is a entire rewrite of PascalSCADA hosted at https://sourceforge.net/projects/pascalscada. The main goal of this initiative is:

Make security easy for normal applications Extend the security system to all standard controls of Lazarus Improve the translation, using .PO files instead of language defines Improve the project modularization

This code is under modified LGPL (see LICENSE.modifiedLGPL.txt). This means that you can link this library inside your programs for any purpose. Only the included part of the code must remain LGPL.

If you make some improvements to this library, please create a new issue and attach the patch of your changes.

Contact : fabio at pascalscada dot com

PascalSECURE
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 20.10.2017

PascalSECURE diagram

Class diagram in package 'PascalSECURE'

PascalSECURE
Version 1.0
andi created on 29.07.2017. Last modified 20.10.2017

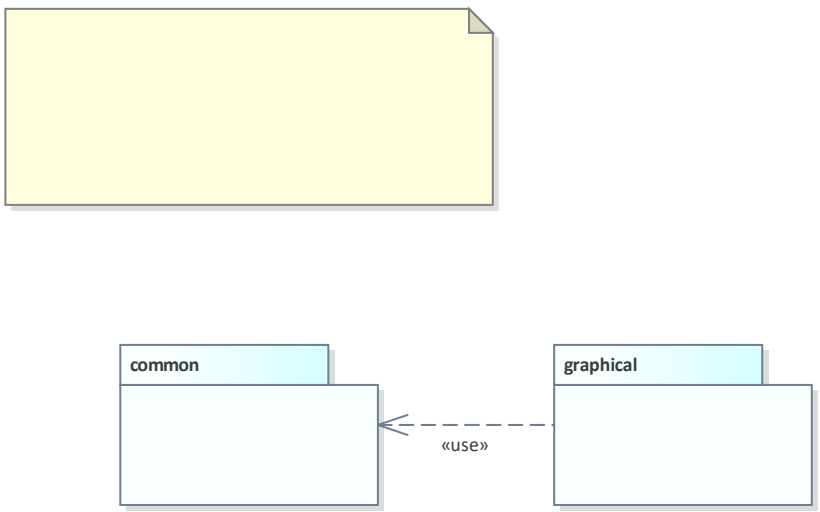

Figure 1: PascalSECURE

Note

Note in package 'PascalSECURE'

Note
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends

common

Package in package 'PascalSECURE'

common
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CONNECTORS

Usage Source -> Destination
From: graphical : Package, Public
To: common : Package, Public

graphical

Package in package 'PascalSECURE'

graphical
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

CONNECTORS

Usage Source -> Destination
From: graphical : Package, Public
To: common : Package, Public

common

Package in package 'PascalSECURE'

common
Version 1.0 Phase 1.0 Proposed
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LINKS TO OTHER PACKAGES

Usage from 'graphical' Package to 'common' Package	Direction: Source -> Destination

common diagram

Class diagram in package 'common'

common
Version 1.0
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

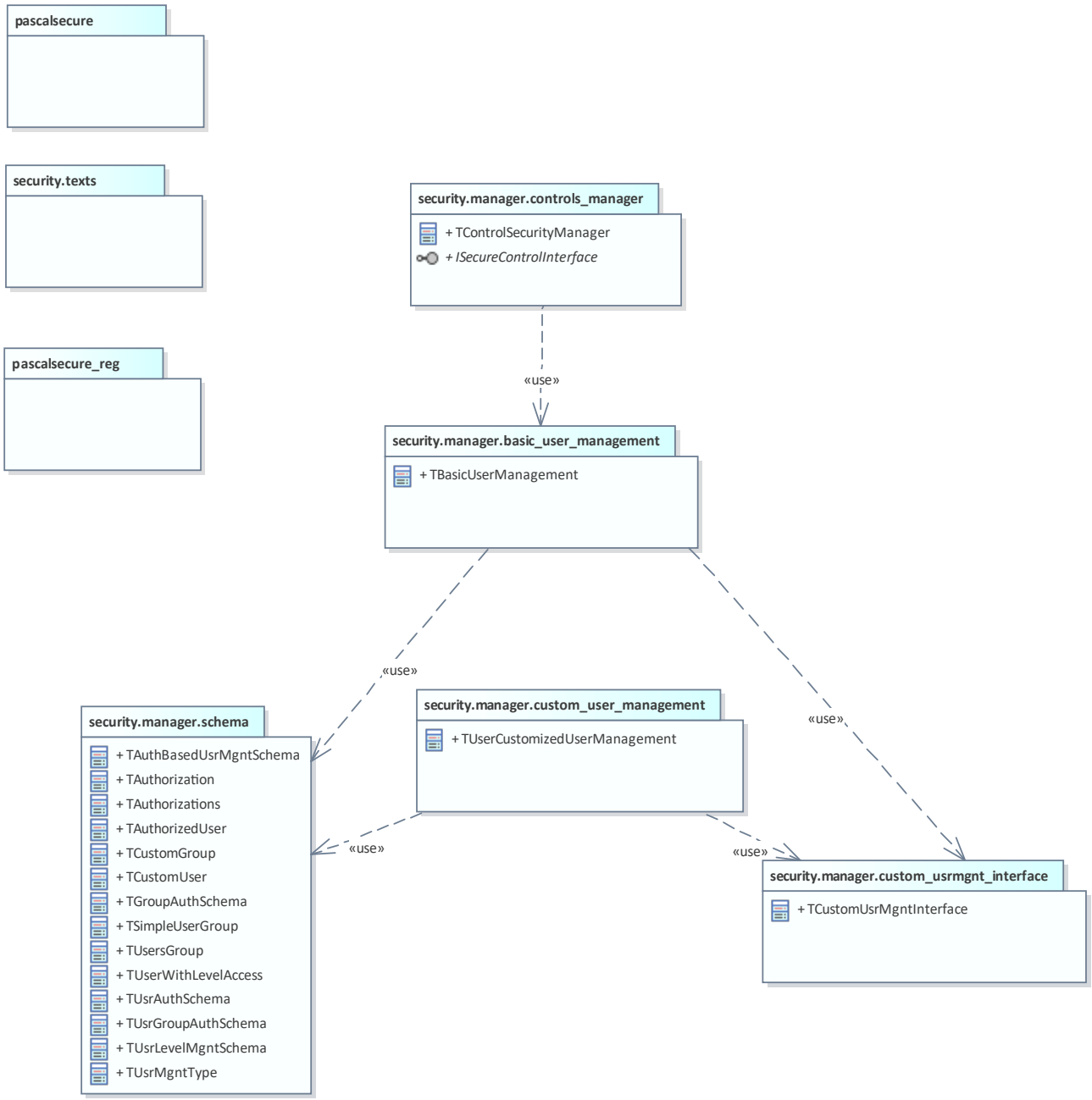

Figure 2: common

pascalsecure

Package in package 'common'

pascalsecure
Version 1.0 Phase 1.0 Proposed
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ASSOCIATED FILES

Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\pascalsecure.pas
[Size of 0 k.]

pascalsecure_reg

Package in package 'common'

pascalsecure_reg
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ASSOCIATED FILES

Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\pascalsecure_reg.pas
[Size of 0 k.]

security.manager.basic_user_management

Package in package 'common'

security.manager.basic_user_management
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ASSOCIATED FILES

Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\security.manager.basic_user_management.pas
[Size of 9 k.]

CONNECTORS

Usage Source -> Destination
From: security.manager.basic_user_management : Package, Public
To: security.manager.schema : Package, Public

Dependency «use» Source -> Destination
From: security.manager.basic_user_management : Package, Public
To: security.manager.custom_usrmgnt_interface : Package, Public

Usage Source -> Destination
From: security.manager.controls_manager : Package, Public
To: security.manager.basic_user_management : Package, Public

security.manager.controls_manager

Package in package 'common'

security.manager.controls_manager
Version 1.0 Phase 1.0 Proposed

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ASSOCIATED FILES

Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\security.manager.controls_manager.pas
[Size of 8 k.]

CONNECTORS

Usage Source -> Destination
From: security.manager.controls_manager : Package, Public
To: security.manager.basic_user_management : Package, Public

security.manager.custom_user_management

Package in package 'common'

security.manager.custom_user_management
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ASSOCIATED FILES

Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\security.manager.custom_user_management.pas
[Size of 6 k.]

CONNECTORS

Dependency «use» Source -> Destination
From: security.manager.custom_user_management : Package, Public
To: security.manager.custom_usrmgnt_interface : Package, Public

Dependency «use» Source -> Destination
From: security.manager.custom_user_management : Package, Public
To: security.manager.schema : Package, Public

security.manager.custom_usrmgnt_interface

Package in package 'common'

security.manager.custom_usrmgnt_interface
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ASSOCIATED FILES

Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\security.manager.custom_usrmgnt_interface.pas
[Size of 1 k.]

CONNECTORS

CONNECTORS

Dependency «use» Source -> Destination
From: security.manager.custom_user_management : Package, Public
To: security.manager.custom_usrmgnt_interface : Package, Public

Dependency «use» Source -> Destination
From: security.manager.basic_user_management : Package, Public
To: security.manager.custom_usrmgnt_interface : Package, Public

security.manager.schema

Package in package 'common'

security.manager.schema
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ASSOCIATED FILES

Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\security.manager.schema.pas
[Size of 19 k.]

CONNECTORS

Usage Source -> Destination
From: security.manager.basic_user_management : Package, Public
To: security.manager.schema : Package, Public

Dependency «use» Source -> Destination
From: security.manager.custom_user_management : Package, Public
To: security.manager.schema : Package, Public

security.texts

Package in package 'common'

security.texts
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ASSOCIATED FILES

Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\security.texts.pas
[Size of 1 k.]

pascalsecure

Package in package 'common'

pascalsecure
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ASSOCIATED FILES

Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\pascalsecure.pas
[Size is 0 k]

pascalsecure diagram

Class diagram in package 'pascalsecure'

pascalsecure
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Figure 3: pascalsecure

pascalsecure_reg

Package in package 'common'

pascalsecure_reg
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ASSOCIATED FILES

Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\pascalsecure_reg.pas
[Size is 0 k]

pascalsecure_reg diagram

Class diagram in package 'pascalsecure_reg'

pascalsecure_reg
Version 1.0
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

Figure 4: pascalsecure_reg

security.exceptions

Package in package 'common'

security.exceptions
Version 1.0 Phase 1.0 Proposed
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ASSOCIATED FILES

Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\security.exceptions.pas
[Size is 3 k]

security.exceptions diagram

Class diagram in package 'security.exceptions'

security.exceptions
Version 1.0
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

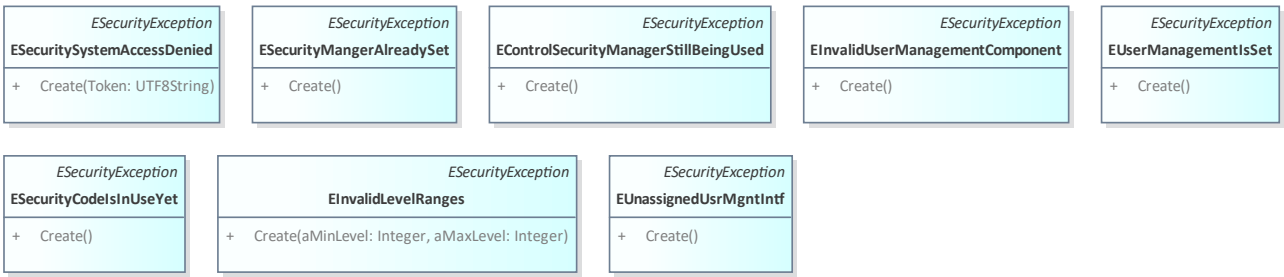

Figure 5: security.exceptions

EControlSecurityManagerStillBeingUsed

Class in package 'security.exceptions'

ESecurityManagerStillBeingUsed

EControlSecurityManagerStillBeingUsed
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends ESecurityException

OPERATIONS

Create () : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

EInvalidLevelRanges

Class in package 'security.exceptions'

EInvalidLevelRanges

Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends ESecurityException

OPERATIONS

Create (aMinLevel : Integer , aMaxLevel : Integer) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

EInvalidUserManagementComponent

Class in package 'security.exceptions'

EInvalidUserManagementComponent

EInvalidUserManagementComponent
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends ESecurityException

OPERATIONS

Create () : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ESecurityCodeIsInUseYet

Class in package 'security.exceptions'

ESecurityCodeIsInUseYet

ESecurityCodeIsInUseYet
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends ESecurityException

OPERATIONS

Create () : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ESecurityMangerAlreadySet

Class in package 'security.exceptions'

ESecurityMangerAlreadySet

ESecurityMangerAlreadySet
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends ESecurityException

OPERATIONS

OPERATIONS

Create () : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ESecuritySystemAccessDenied

Class in package 'security.exceptions'

ESecuritySystemAccessDenied

ESecuritySystemAccessDenied
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends ESecurityException

OPERATIONS

Create (Token : UTF8String) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

EUnassignedUsrMgntIntf

Class in package 'security.exceptions'

EUnassignedUsrMgntIntf
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends ESecurityException

OPERATIONS

Create () : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

EUserManagementIsSet

Class in package 'security.exceptions'

EUserManagementIsSet

EUserManagementIsSet
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends ESecurityException

OPERATIONS

Create () : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

security.manager.basic_user_management

Package in package 'common'

security.manager.basic_user_management
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Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

ASSOCIATED FILES
Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\security.manager.basic_user_management.pas [Size is 9 k]

LINKS TO OTHER PACKAGES	
Usage from 'security.manager.basic_user_management' Package to 'security.manager.schema' Package	Direction: Source -> Destination
Dependency from 'security.manager.basic_user_management' Package to 'security.manager.custom_usrmgnt_interface' Package	Direction: Source -> Destination
Usage from 'security.manager.controls_manager' Package to 'security.manager.basic_user_management' Package	Direction: Source -> Destination

security.manager.basic_user_management diagram

Class diagram in package 'security.manager.basic_user_management'

security.manager.basic_user_management
Version 1.0
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

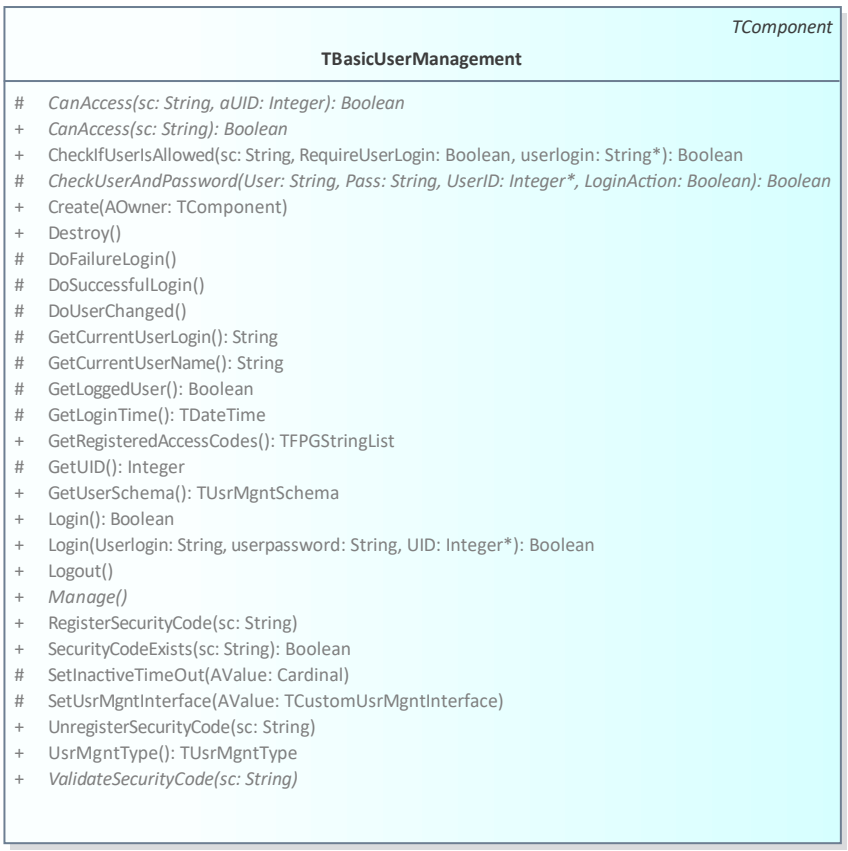

Figure 6: security.manager.basic_user_management

TBasicUserManagement

Class in package 'security.manager.basic_user_management'

TpSCADABasicUserManagement

TBasicUserManagement
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TComponent

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TUserCustomizedUserManagement to TBasicUserManagement
[Direction is 'Source -> Destination'.]

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) TBasicUserManagement

Target: Protected FUsrMgntInterface (Class) TCustomUsrMgntInterface

Association (direction: Source -> Destination)

Source: Public (Class) TControlSecurityManager

Target: Private FUserManagement (Class) TBasicUserManagement

OPERATIONS

CanAccess (sc : String , aUID : Integer) : Boolean Protected

Properties:
overload = true
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

CanAccess (sc : String) : Boolean Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

CheckIfUserIsAllowed (sc : String , RequireUserLogin : Boolean , userlogin : String) : Boolean Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

CheckUserAndPassword (User : String , Pass : String , UserID : Integer , LoginAction : Boolean) : Boolean Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (AOwner : TComponent) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

DoFailureLogin () : Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

DoSuccessfulLogin () : Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

DoUserChanged () : Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

GetCurrentUserLogin () : String Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

GetCurrentUserName () : String Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

GetLoggedUser () : Boolean Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

GetLoginTime () : TDateTime Protected
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetRegisteredAccessCodes () : TFPGStringList Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

GetUID () : Integer Protected
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetUserSchema () : TUsrMgntSchema Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Login () : Boolean Public

Properties:
overload = true
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Login (Userlogin : String , userpassword : String , UID : Integer) : Boolean Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Logout () : Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Manage () : Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

RegisterSecurityCode (sc : String) : Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SecurityCodeExists (sc : String) : Boolean Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetInactiveTimeOut (AValue : Cardinal) : Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetUsrMgntInterface (AValue : TCustomUsrMgntInterface) : Protected
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UnregisterSecurityCode (sc : String) : Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

UsrMgntType () : TUsrMgntType Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

ValidateSecurityCode (sc : String) : Public

Security codes management
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.manager.controls_manager

Package in package 'common'

security.manager.controls_manager
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

ASSOCIATED FILES
Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\security.manager.controls_manager.pas [Size is 8 k]

LINKS TO OTHER PACKAGES	
Usage from 'security.manager.controls_manager' Package to 'security.manager.basic_user_management' Package	Direction: Source -> Destination

security.manager.controls_manager diagram

Class diagram in package 'security.manager.controls_manager'

security.manager.controls_manager
Version 1.0
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

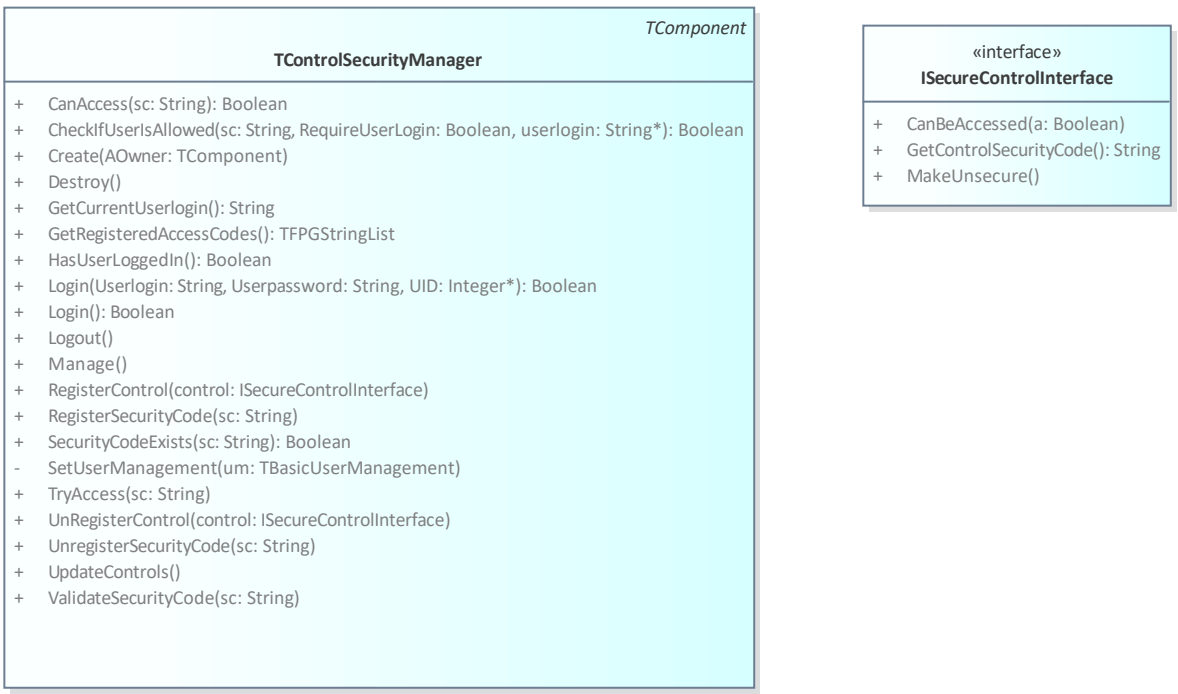

Figure 7: security.manager.controls_manager

TControlSecurityManager

Class in package 'security.manager.controls_manager'

TControlSecurityManager

TControlSecurityManager
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TComponent

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) TControlSecurityManager

Target: Private FUserManagement (Class) TBasicUserManagement

OPERATIONS

CanAccess (sc : String) : Boolean Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

CheckIfUserIsAllowed (sc : String , RequireUserLogin : Boolean , userlogin : String) : Boolean Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Create (AOwner : TComponent) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetCurrentUserlogin () : String Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetRegisteredAccessCodes () : TFPGStringList Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

HasUserLoggedIn () : Boolean Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Login (Userlogin : String , Userpassword : String , UID : Integer) : Boolean Public

Properties:
overload = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Login () : Boolean Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Logout () : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

- Manage () : Public
  [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
- RegisterControl (control : ISecureControlInterface) : Public
  [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
- RegisterSecurityCode (sc : String) : Public
  [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
- SecurityCodeExists (sc : String) : Boolean Public
  [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
- SetUserManagement (um : TBasicUserManagement) : Private
  [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
- TryAccess (sc : String) : Public
  [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
- UnRegisterControl (control : ISecureControlInterface) : Public
  [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
- UnregisterSecurityCode (sc : String) : Public
  [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
- UpdateControls () : Public
  [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]
- ValidateSecurityCode (sc : String) : Public
  [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ISecureControlInterface

Interface in package 'security.manager.controls_manager'

ISecureControlInterface
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

INCOMING STRUCTURAL RELATIONSHIPS

- Realization from TSecureCustomSpeedButton to ISecureControlInterface
  [Direction is 'Source -> Destination'.]
- Realization from TSecureCustomCheckGroup to ISecureControlInterface
  [Direction is 'Source -> Destination'.]
- Realization from TSecureCustomProgressBar to ISecureControlInterface
  [Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomBitBtn to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomStaticText to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TAuthByUserMgntAction to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomPanel to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomButton to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomRadioGroup to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomListBox to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomMaskEdit to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomUpDown to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomGroupBox to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomScrollBar to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomLabel to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomCheckBoxBase to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureDBEdit to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureForm to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomMemo to ISecureControlInterface
[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomTabSheet to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomImage to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomTrackbar to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureDBText to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureDBMemo to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureScrollbox to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomEdit to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomCheckListBox to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomDBNavigator to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureFrame to ISecureControlInterface
[Direction is 'Source -> Destination'.]

Realization from TSecureCustomComboBox to ISecureControlInterface
[Direction is 'Source -> Destination'.]

OPERATIONS

CanBeAccessed (a : Boolean) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetControlSecurityCode () : String Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

security.manager.custom_user_management

Package in package 'common'

security.manager.custom_user_management
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

ASSOCIATED FILES
Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\security.manager.custom_user_management.pas [Size is 6 k]

LINKS TO OTHER PACKAGES	
Dependency from 'security.manager.custom_user_management' Package to 'security.manager.custom_usrmgnt_interface' Package	Direction: Source -> Destination
Dependency from 'security.manager.custom_user_management' Package to 'security.manager.schema' Package	Direction: Source -> Destination

security.manager.custom_user_management diagram

Class diagram in package 'security.manager.custom_user_management'

security.manager.custom_user_management
Version 1.0
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

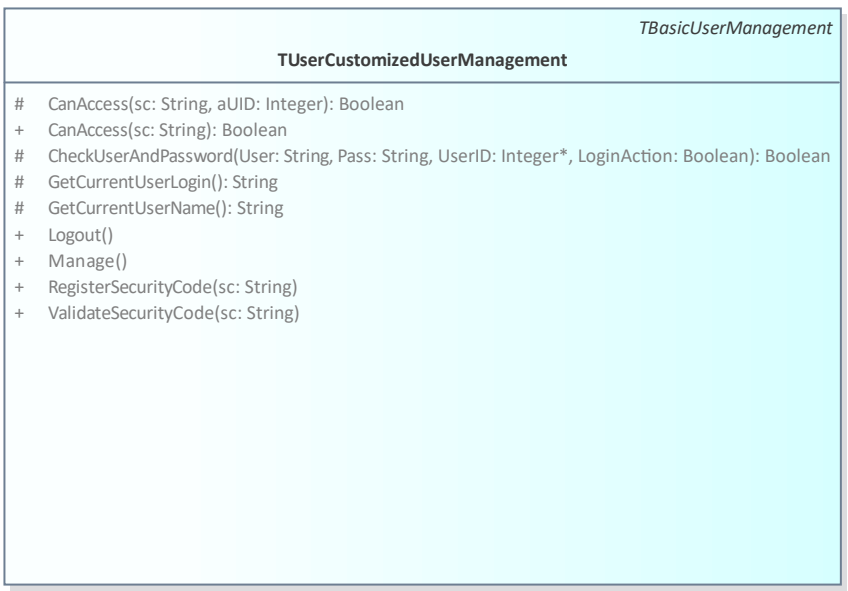

Figure 8: security.manager.custom_user_management

TUserCustomizedUserManagement

Class in package 'security.manager.custom_user_management'

TpSCADACustomizedUserManagement

TUserCustomizedUserManagement
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TBasicUserManagement

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TUserCustomizedUserManagement to TBasicUserManagement
[Direction is 'Source -> Destination'.]

OPERATIONS

CanAccess (sc : String , aUID : Integer) : Boolean Protected

Properties:
override = true
overload = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

CanAccess (sc : String) : Boolean Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

CheckUserAndPassword (User : String , Pass : String , UserID : Integer , LoginAction : Boolean) : Boolean Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetCurrentUserLogin () : String Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetCurrentUserName () : String Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Logout () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Manage () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

RegisterSecurityCode (sc : String) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ValidateSecurityCode (sc : String) : Public

Security codes management

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

security.manager.custom_usrmgnt_interface

Package in package 'common'

security.manager.custom_usrmgnt_interface
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

ASSOCIATED FILES
Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\security.manager.custom_usrmgnt_interface.pas [Size is 1 k]

LINKS TO OTHER PACKAGES	
Dependency from 'security.manager.custom_user_management' Package to 'security.manager.custom_usrmgnt_interface' Package	Direction: Source -> Destination
Dependency from 'security.manager.basic_user_management' Package to 'security.manager.custom_usrmgnt_interface' Package	Direction: Source -> Destination

security.manager.custom_usrmgnt_interface diagram

Class diagram in package 'security.manager.custom_usrmgnt_interface'

security.manager.custom_usrmgnt_interface
Version 1.0
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

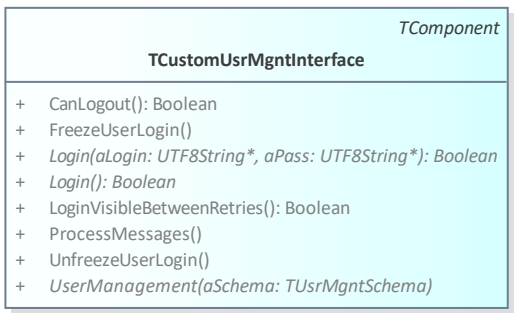

Figure 9: security.manager.custom_usrmgnt_interface

TCustomUsrMgntInterface

Class in package 'security.manager.custom_usrmgnt_interface'

TCustomUsrMgntInterface
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TComponent

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TGraphicalUsrMgntInterface to TCustomUsrMgntInterface
[Direction is 'Source -> Destination'.]

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) TBasicUserManagement

Target: Protected FUsrMgntInterface (Class) TCustomUsrMgntInterface

OPERATIONS

CanLogout () : Boolean Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

FreezeUserLogin () : Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Login (aLogin : UTF8String , aPass : UTF8String) : Boolean Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Login () : Boolean Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

LoginVisibleBetweenRetries () : Boolean Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

ProcessMessages () : Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

UnfreezeUserLogin () : Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

UserManagement (aSchema : TUsrMgntSchema) : Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.manager.schema

Package in package 'common'

security.manager.schema
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

ASSOCIATED FILES
Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\security.manager.schema.pas [Size is 19 k]

LINKS TO OTHER PACKAGES	
Usage from 'security.manager.basic_user_management' Package to 'security.manager.schema' Package	Direction: Source -> Destination
Dependency from 'security.manager.custom_user_management' Package to 'security.manager.schema' Package	Direction: Source -> Destination

security.manager.schema diagram

Class diagram in package 'security.manager.schema'

security.manager.schema
Version 1.0
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

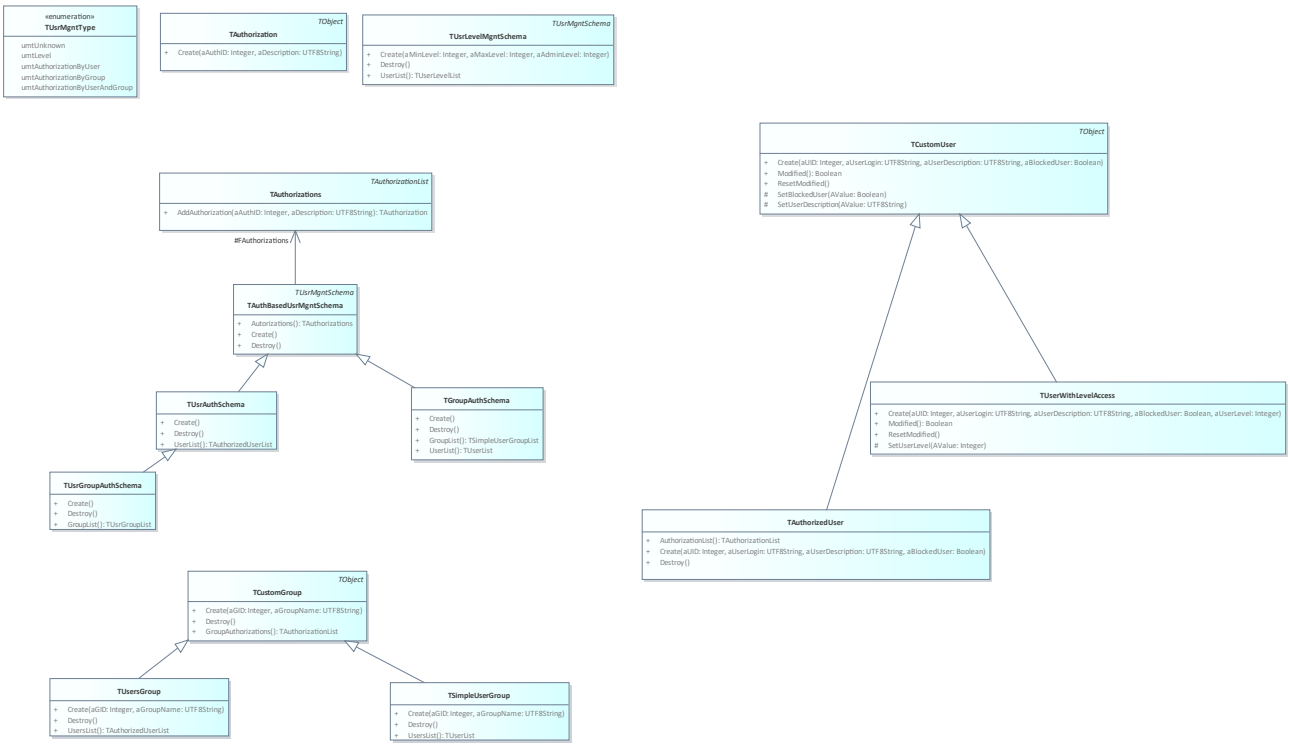

Figure 10: security.manager.schema

TAuthBasedUsrMgntSchema

Class in package 'security.manager.schema'

: Implements a user management that uses authorizations to allow/deny access. This serve as base for TUsrAuthSchema, TGroupAuthSchema and TUsrGroupAuthSchema.

TAuthBasedUsrMgntSchema
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TUsrMgntSchema

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TUsrAuthSchema to TAuthBasedUsrMgntSchema
[Direction is 'Source -> Destination'.]

Generalization from TGroupAuthSchema to TAuthBasedUsrMgntSchema
[Direction is 'Source -> Destination'.]

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) TAuthBasedUsrMgntSchema

Target: Protected FAuthorizations (Class) TAuthorizations

OPERATIONS

Autorizations () : TAuthorizations Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Create () : Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TAuthorization

Class in package 'security.manager.schema'

: Implements a simple authorization code

TAuthorization
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TObject

OPERATIONS

OPERATIONS

Create (aAuthID : Integer , aDescription : UTF8String) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TAuthorizations

Class in package 'security.manager.schema'

: Implements a list with all authorization codes

TAuthorizations
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TAuthorizationList

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) TAuthBasedUsrMgntSchema

Target: Protected FAuthorizations (Class) TAuthorizations

OPERATIONS

AddAuthorization (aAuthID : Integer , aDescription : UTF8String) : TAuthorization Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TAuthorizedUser

Class in package 'security.manager.schema'

: Implements a user with user allowed authorizations

TAuthorizedUser
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TCustomUser

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TAuthorizedUser to TCustomUser
[Direction is 'Source -> Destination'.]

OPERATIONS

AuthorizationList () : TAuthorizationList Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Create (aUID : Integer , aUserLogin : UTF8String , aUserDescription : UTF8String , aBlockedUser : Boolean) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

OPERATIONS

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TCustomGroup

Class in package 'security.manager.schema'

: Implements a simple usergroup with group-authorizations

TCustomGroup
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TObject

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TUsersGroup to TCustomGroup
[Direction is 'Source -> Destination'.]

Generalization from TSimpleUserGroup to TCustomGroup
[Direction is 'Source -> Destination'.]

OPERATIONS

Create (aGID : Integer , aGroupName : UTF8String) : Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GroupAuthorizations () : TAuthorizationList Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TCustomUser

Class in package 'security.manager.schema'

: Implements a simple user, with UID, Login, Description and enable/disable option.

TCustomUser
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TObject

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TUserWithLevelAccess to TCustomUser
[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TAuthorizedUser to TCustomUser
[Direction is 'Source -> Destination'.]

OPERATIONS

Create (aUID : Integer , aUserLogin : UTF8String , aUserDescription : UTF8String , aBlockedUser : Boolean) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Modified () : Boolean Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

ResetModified () : Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetBlockedUser (AValue : Boolean) : Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetUserDescription (AValue : UTF8String) : Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TGroupAuthSchema

Class in package 'security.manager.schema'

: Implements a user management that uses authorizations to allow/deny access, where each user inherits the authorizations assigned to the group which it belongs. On this model, users CAN NOT HAVE SPECIFIC PERMISSIONS. This schema consists in: A list of simple users. A list of groups, where each group has a list of allowed authorizations, where the users of each group will inherit the authorizations assigned to the group. A list with all authorizations available on the security manager.

TGroupAuthSchema
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TAuthBasedUsrMgntSchema

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TGroupAuthSchema to TAuthBasedUsrMgntSchema
[Direction is 'Source -> Destination'.]

OPERATIONS

Create () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true

OPERATIONS

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

GroupList () : TSimpleUserGroupList Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UserList () : TUserList Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TSimpleUserGroup

Class in package 'security.manager.schema'

: Implements a group were users hence the group authorizations, without user specific authorizations.

TSimpleUserGroup
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TCustomGroup

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSimpleUserGroup to TCustomGroup
[Direction is 'Source -> Destination'.]

OPERATIONS

Create (aGID : Integer , aGroupName : UTF8String) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UsersList () : TUserList Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TUserWithLevelAccess

Class in package 'security.manager.schema'

: Implements a user with access level.

TUserWithLevelAccess
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TCustomUser

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TUserWithLevelAccess to TCustomUser
[Direction is 'Source -> Destination'.]

OPERATIONS

Create (aUID : Integer , aUserLogin : UTF8String , aUserDescription : UTF8String , aBlockedUser : Boolean , aUserLevel : Integer) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Modified () : Boolean Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ResetModified () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetUserLevel (AValue : Integer) : Protected
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TUsersGroup

Class in package 'security.manager.schema'

: Implements a group where users inherit the group authorizations, adding it with user specific authorizations.

TUsersGroup
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TCustomGroup

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TUsersGroup to TCustomGroup
[Direction is 'Source -> Destination'.]

OPERATIONS

Create (aGID : Integer , aGroupName : UTF8String) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

UsersList () : TAuthorizedUserList Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TUsrAuthSchema

Class in package 'security.manager.schema'

: Implements a user management that uses authorizations to allow/deny access, where each user has a list of allowed authorizations. This schema consists in: A user list where each user has a list of allowed authorizations. A list with all authorizations available on the security manager. This schema is similar to the securty system used in Siemens WinCC.

TUsrAuthSchema
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TAuthBasedUsrMgntSchema

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TUsrAuthSchema to TAuthBasedUsrMgntSchema
[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TUsrGroupAuthSchema to TUsrAuthSchema
[Direction is 'Source -> Destination'.]

OPERATIONS

Create () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UserList () : TAuthorizedUserList Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TUsrGroupAuthSchema

Class in package 'security.manager.schema'

: Implements a user management that uses authorizations to allow/deny access, where each user has a list of allowed authorizations and inherits the authorizations assigned to the group which it belongs. This schema consists in: A list of users, where each user has a list of specific allowed authorizations. A list of groups, where each group has a list of allowed authorizations, where the users of each group will inherit the group authorizations. A list with all authorizations available on the security manager. This schema is similar to the securty system used in Rockwell FactoryTalk.

TUsrGroupAuthSchema
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TUsrAuthSchema

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TUsrGroupAuthSchema to TUsrAuthSchema
[Direction is 'Source -> Destination'.]

OPERATIONS

Create () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GroupList () : TUsrGroupList Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TUsrLevelMgntSchema

Class in package 'security.manager.schema'

: Implements a user level based schema. This schema consists in: A user list where each user has a access leve. Level limits (Min and Max). The level that makes a user admin. This schema is similar to the security system used in Elipse SCADA and in Wonderware Intouch.

TUsrLevelMgntSchema
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017
Extends TUsrMgntSchema

OPERATIONS

Create (aMinLevel : Integer , aMaxLevel : Integer , aAdminLevel : Integer) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UserList () : TUserLevelList Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TUsrMgntType

Enumeration «enumeration» in package 'security.manager.schema'

TUsrMgntType
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

ATTRIBUTES	
umtUnknown : Public	[Is static False. Containment is Not Specified.]
umtLevel : Public	[Is static False. Containment is Not Specified.]
umtAuthorizationByUser : Public	[Is static False. Containment is Not Specified.]
umtAuthorizationByGroup : Public	[Is static False. Containment is Not Specified.]
umtAuthorizationByUserAndGroup : Public	[Is static False. Containment is Not Specified.]

security.texts

Package in package 'common'

security.texts
Version 1.0 Phase 1.0 Proposed
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

ASSOCIATED FILES
Local File. C:\Data\Pascal\komponenten\pascalsecure\src\common\security.texts.pas [Size is 1 k]

security.texts diagram

Class diagram in package 'security.texts'

security.texts
Version 1.0
Andreas Frieß created on 29.07.2017. Last modified 29.07.2017

Figure 11: security.texts

graphical

Package in package 'PascalSECURE'

graphical
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

LINKS TO OTHER PACKAGES	
Usage from 'graphical' Package to 'common' Package	Direction: Source -> Destination

graphical diagram

Class diagram in package 'graphical'

graphical
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

Figure 12: graphical

graphical

Package in package 'graphical'

graphical
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

graphical diagram

Class diagram in package 'graphical'

graphical
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

Figure 13: graphical

pascalsecure_visual

Package in package 'graphical'

pascalsecure_visual
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

pascalsecure_visual diagram

Class diagram in package 'pascalsecure_visual'

pascalsecure_visual
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

Figure 14: pascalsecure_visual

pascalsecure_visual_reg

Package in package 'graphical'

pascalsecure_visual_reg
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

pascalsecure_visual_reg diagram

Class diagram in package 'pascalsecure_visual_reg'

pascalsecure_visual_reg
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

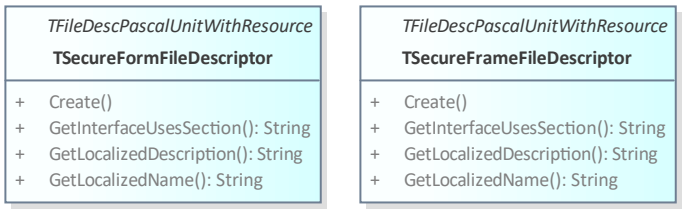

Figure 15: pascalsecure_visual_reg

TSecureFormFileDescriptor

Class in package 'pascalsecure_visual_reg'

TSecureFormFileDescriptor
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TFileDescPascalUnitWithResource

OPERATIONS

Create () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetInterfaceUsesSection () : String Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetLocalizedDescription () : String Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetLocalizedName () : String Public

Properties:

OPERATIONS

override = true

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

TSecureFrameFileDescriptor

Class in package 'pascalsecure_visual_reg'

TpSCADASecureFrameFileDescriptor

TSecureFrameFileDescriptor
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TFileDescPascalUnitWithResource

OPERATIONS

Create () : Public

Properties:
override = true

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

GetInterfaceUsesSection () : String Public

Properties:
override = true

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

GetLocalizedDescription () : String Public

Properties:
override = true

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

GetLocalizedName () : String Public

Properties:
override = true

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

security.actions.authorized_by_user_management

Package in package 'graphical'

security.actions.authorized_by_user_management
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.actions.authorized_by_user_management diagram

Class diagram in package 'security.actions.authorized_by_user_management'

security.actions.authorized_by_user_management
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

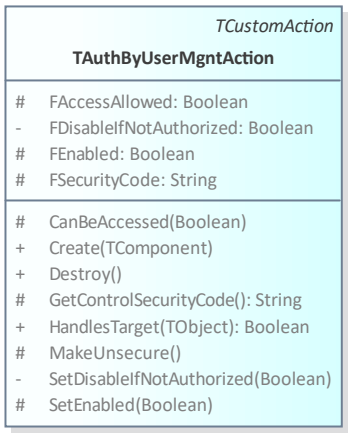

Figure 16: security.actions.authorized_by_user_management

TAuthByUserMgntAction

Class in package 'security.actions.authorized_by_user_management'

TAuthByUserMgntAction

TAuthByUserMgntAction
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomAction

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TAuthByUserMgntAction to ISecureControlInterface
[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TManageUsersAndGroupsAction to TAuthByUserMgntAction
[Direction is 'Source -> Destination'.]

Generalization from TLogoutAction to TAuthByUserMgntAction
[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureAction to TAuthByUserMgntAction
[Direction is 'Source -> Destination'.]

Generalization from TLogin_LogoutAction to TAuthByUserMgntAction
[Direction is 'Source -> Destination'.]

Generalization from TLoginAction to TAuthByUserMgntAction
[Direction is 'Source -> Destination'.]

ATTRIBUTES

FAccessAllowed : Boolean Protected
[Is static False. Containment is By Value.]

FDisableIfNotAuthorized : Boolean Private
[Is static False. Containment is By Value.]

FEnabled : Boolean Protected
[Is static False. Containment is By Value.]

FSecurityCode : String Protected
[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (AOwner : TComponent) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetControlSecurityCode () : String Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

HandlesTarget (Target : TObject) : Boolean Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

SetDisableIfNotAuthorized (AValue : Boolean) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetEnabled (AValue : Boolean) : Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.actions.login

Package in package 'graphical'

security.actions.login
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.actions.login diagram

Class diagram in package 'security.actions.login'

security.actions.login
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

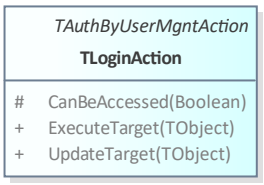

Figure 17: security.actions.login

TLoginAction

Class in package 'security.actions.login'

TpSCADALoginAction

TLoginAction
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TAuthByUserMgntAction

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TLoginAction to TAuthByUserMgntAction
[Direction is 'Source -> Destination'.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ExecuteTarget (Target : TObject) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UpdateTarget (Target : TObject) : Public

OPERATIONS

Properties:

override = true

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

security.actions.login_logout

Package in package 'graphical'

security.actions.login_logout
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.actions.login_logout diagram

Class diagram in package 'security.actions.login_logout'

security.actions.login_logout
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

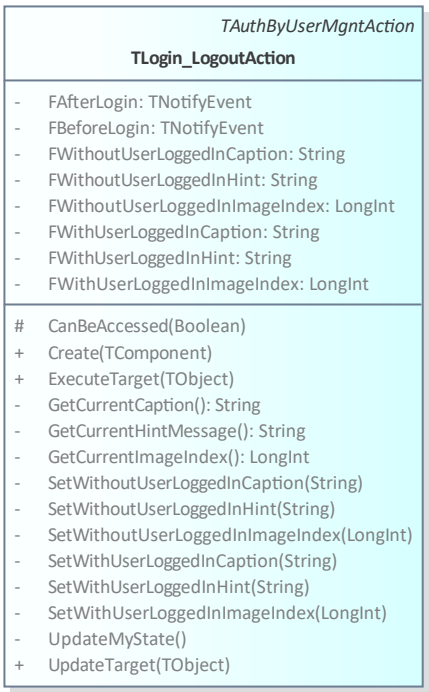

Figure 18: security.actions.login_logout

TLogin_LogoutAction

Class in package 'security.actions.login_logout'

TpSCADALogin_LogoutAction

TLogin_LogoutAction
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TAuthByUserMgntAction

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TLogin_LogoutAction to TAuthByUserMgntAction [Direction is 'Source -> Destination'.]

ATTRIBUTES

FAfterLogin : TNotifyEvent Private
[Is static False. Containment is By Value.]

FBeforeLogin : TNotifyEvent Private
[Is static False. Containment is By Value.]

FWithoutUserLoggedInCaption : String Private
[Is static False. Containment is By Value.]

FWithoutUserLoggedInHint : String Private
[Is static False. Containment is By Value.]

FWithoutUserLoggedInImageIndex : LongInt Private
[Is static False. Containment is By Value.]

FWithUserLoggedInCaption : String Private
[Is static False. Containment is By Value.]

FWithUserLoggedInHint : String Private
[Is static False. Containment is By Value.]

FWithUserLoggedInImageIndex : LongInt Private
[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Create (AOwner : TComponent) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ExecuteTarget (Target : TObject) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetCurrentCaption () : String Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetCurrentHintMessage () : String Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetCurrentImageIndex () : LongInt Private

OPERATIONS

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

SetWithoutUserLoggedInCaption (AValue : String) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetWithoutUserLoggedInHint (AValue : String) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetWithoutUserLoggedInImageIndex (AValue : LongInt) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetWithUserLoggedInCaption (AValue : String) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetWithUserLoggedInHint (AValue : String) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetWithUserLoggedInImageIndex (AValue : LongInt) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UpdateMyState () : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UpdateTarget (Target : TObject) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

security.actions.logout

Package in package 'graphical'

security.actions.logout
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.actions.logout diagram

Class diagram in package 'security.actions.logout'

security.actions.logout
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

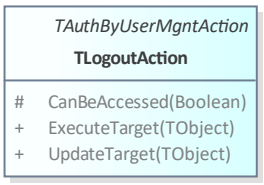

Figure 19: security.actions.logout

TLogoutAction

Class in package 'security.actions.logout'

TLogoutAction

TLogoutAction
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TAuthByUserMgntAction

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TLogoutAction to TAuthByUserMgntAction
[Direction is 'Source -> Destination'.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ExecuteTarget (Target : TObject) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UpdateTarget (Target : TObject) : Public

OPERATIONS

Properties:

override = true

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

security.actions.manage

Package in package 'graphical'

security.actions.manage
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.actions.manage diagram

Class diagram in package 'security.actions.manage'

security.actions.manage
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

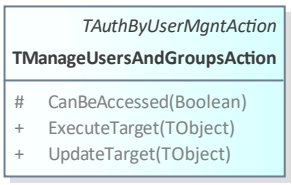

Figure 20: security.actions.manage

TManageUsersAndGroupsAction

Class in package 'security.actions.manage'

TManageUsersAndGroupsAction

TManageUsersAndGroupsAction
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TAuthByUserMgntAction

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TManageUsersAndGroupsAction to TAuthByUserMgntAction
[Direction is 'Source -> Destination'.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ExecuteTarget (Target : TObject) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UpdateTarget (Target : TObject) : Public

OPERATIONS

Properties:

override = true

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

security.actions.request_authorized_user

Package in package 'graphical'

security.actions.request_authorized_user
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.actions.request_authorized_user diagram

Class diagram in package 'security.actions.request_authorized_user'

security.actions.request_authorized_user
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

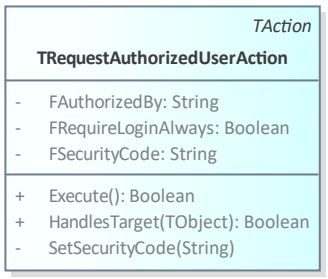

Figure 21: security.actions.request_authorized_user

TRequestAuthorizedUserAction

Class in package 'security.actions.request_authorized_user'

TRequestAuthorizedUserAction

TRequestAuthorizedUserAction
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TAction

ATTRIBUTES

FAuthorizedBy : String Private
[Is static False. Containment is By Value.]

FRequireLoginAlways : Boolean Private
[Is static False. Containment is By Value.]

FSecurityCode : String Private
[Is static False. Containment is By Value.]

OPERATIONS

Execute () : Boolean Public

Properties:
override = true

OPERATIONS

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

HandlesTarget (Target : TObject) : Boolean Public

Properties:
override = true

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

SetSecurityCode (AValue : String) : Private

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

security.actions.useraction

Package in package 'graphical'

security.actions.useraction
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.actions.useraction diagram

Class diagram in package 'security.actions.useraction'

security.actions.useraction
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

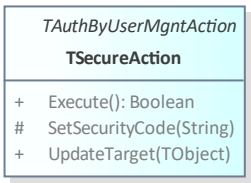

Figure 22: security.actions.useraction

TSecureAction

Class in package 'security.actions.useraction'

TSecureAction

TSecureAction
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TAuthByUserMgntAction

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureAction to TAuthByUserMgntAction
[Direction is 'Source -> Destination'.]

OPERATIONS

Execute () : Boolean Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetSecurityCode (sc : String) : Protected
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UpdateTarget (Target : TObject) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

security.controls.bitbtn

Package in package 'graphical'

security.controls.bitbtn
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.bitbtn diagram

Class diagram in package 'security.controls.bitbtn'

security.controls.bitbtn
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

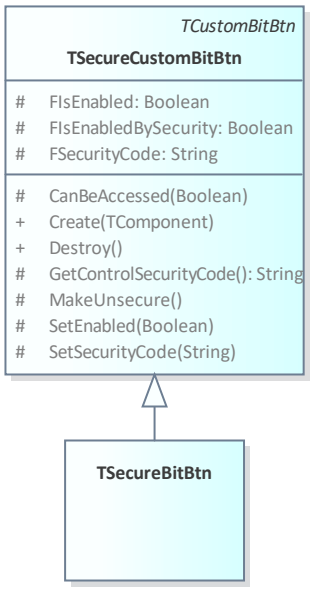

Figure 23: security.controls.bitbtn

TSecureBitBtn

Class in package 'security.controls.bitbtn'

TSecureBitBtn
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomBitBtn

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureBitBtn to TSecureCustomBitBtn [Direction is 'Source -> Destination'.]

TSecureCustomBitBtn

Class in package 'security.controls.bitbtn'

TSecureCustomBitBtn

TSecureCustomBitBtn
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomBitBtn

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomBitBtn to ISecureControlInterface
[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureBitBtn to TSecureCustomBitBtn
[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected
[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected
[Is static False. Containment is By Value.]

FSecurityCode : String Protected
[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.controls.checkbox

Package in package 'graphical'

security.controls.checkbox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.checkbox diagram

Class diagram in package 'security.controls.checkbox'

security.controls.checkbox
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

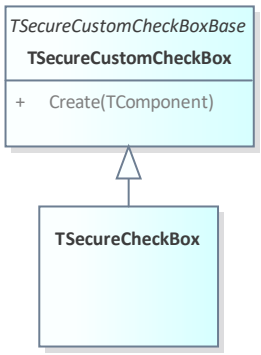

Figure 24: security.controls.checkbox

TSecureCheckBox

Class in package 'security.controls.checkbox'

TSecureCheckBox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomCheckBox

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureCheckBox to TSecureCustomCheckBox [Direction is 'Source -> Destination'.]

TSecureCustomCheckBox

Class in package 'security.controls.checkbox'

TSecureCustomCheckBox

TSecureCustomCheckBox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomCheckBoxBase

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureCustomCheckBox to TSecureCustomCheckBoxBase

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureCheckBox to TSecureCustomCheckBox

[Direction is 'Source -> Destination'.]

OPERATIONS

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

security.controls.checkgroup

Package in package 'graphical'

security.controls.checkgroup
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.checkgroup diagram

Class diagram in package 'security.controls.checkgroup'

security.controls.checkgroup
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

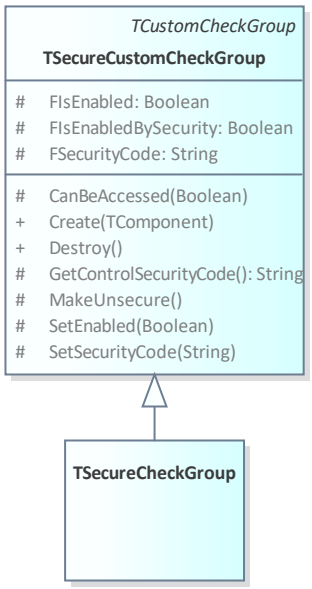

Figure 25: security.controls.checkgroup

TSecureCheckGroup

Class in package 'security.controls.checkgroup'

TSecureCheckGroup
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomCheckGroup

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureCheckGroup to TSecureCustomCheckGroup [Direction is 'Source -> Destination'.]

TSecureCustomCheckGroup

Class in package 'security.controls.checkgroup'

TSecureCustomCheckGroup

TSecureCustomCheckGroup
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomCheckGroup

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomCheckGroup to ISecureControlInterface
[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureCheckGroup to TSecureCustomCheckGroup
[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected
[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected
[Is static False. Containment is By Value.]

FSecurityCode : String Protected
[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.controls.checklistbox

Package in package 'graphical'

security.controls.checklistbox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.checklistbox diagram

Class diagram in package 'security.controls.checklistbox'

security.controls.checklistbox
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

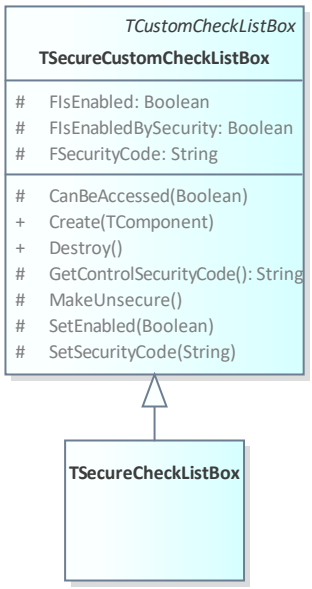

Figure 26: security.controls.checklistbox

TSecureCheckListBox

Class in package 'security.controls.checklistbox'

TSecureCheckListBox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomCheckListBox

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureCheckListBox to TSecureCustomCheckListBox [Direction is 'Source -> Destination'.]

TSecureCustomCheckListBox

Class in package 'security.controls.checklistbox'

TSecureCustomCheckListBox

TSecureCustomCheckListBox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomCheckListBox

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomCheckListBox to ISecureControlInterface
[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureCheckListBox to TSecureCustomCheckListBox
[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected
[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected
[Is static False. Containment is By Value.]

FSecurityCode : String Protected
[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.controls.combobox

Package in package 'graphical'

security.controls.combobox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.combobox diagram

Class diagram in package 'security.controls.combobox'

security.controls.combobox
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

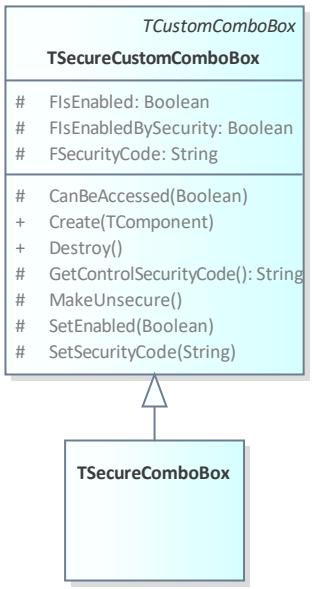

Figure 27: security.controls.combobox

TSecureComboBox

Class in package 'security.controls.combobox'

TSecureComboBox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomComboBox

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureComboBox to TSecureCustomComboBox [Direction is 'Source -> Destination'.]

TSecureCustomComboBox

Class in package 'security.controls.combobox'

TSecureCustomComboBox

TSecureCustomComboBox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomComboBox

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomComboBox to ISecureControlInterface
[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureComboBox to TSecureCustomComboBox
[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected
[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected
[Is static False. Containment is By Value.]

FSecurityCode : String Protected
[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.controls.custom_checkbox

Package in package 'graphical'

security.controls.custom_checkbox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.custom_checkbox diagram

Class diagram in package 'security.controls.custom_checkbox'

security.controls.custom_checkbox
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

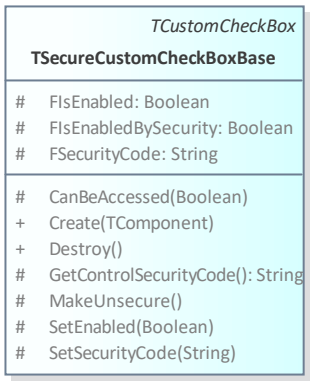

Figure 28: security.controls.custom_checkbox

TSecureCustomCheckBoxBase

Class in package 'security.controls.custom_checkbox'

TSecureCustomCheckBoxBase

TSecureCustomCheckBoxBase
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomCheckBox

OUTGOING STRUCTURAL RELATIONSHIPS
Realization from TSecureCustomCheckBoxBase to ISecureControlInterface [Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS
Generalization from TSecureCustomRadioButton to TSecureCustomCheckBoxBase [Direction is 'Source -> Destination'.]
Generalization from TSecureCustomToggleBox to TSecureCustomCheckBoxBase [Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureCustomCheckBox to TSecureCustomCheckBoxBase
[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected
[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected
[Is static False. Containment is By Value.]

FSecurityCode : String Protected
[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.controls.dbedit

Package in package 'graphical'

security.controls.dbedit
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.dbedit diagram

Class diagram in package 'security.controls.dbedit'

security.controls.dbedit
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

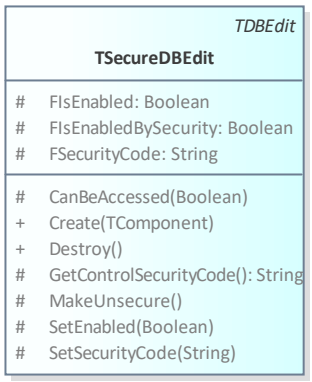

Figure 29: security.controls.dbedit

TSecureDBEdit

Class in package 'security.controls.dbedit'

TSecureDBEdit

TSecureDBEdit
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TDBEdit

OUTGOING STRUCTURAL RELATIONSHIPS
Realization from TSecureDBEdit to ISecureControlInterface [Direction is 'Source -> Destination'.]

ATTRIBUTES
FIsEnabled : Boolean Protected [Is static False. Containment is By Value.]
FIsEnabledBySecurity : Boolean Protected [Is static False. Containment is By Value.]
FSecurityCode : String Protected

ATTRIBUTES

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.controls.dbmemo

Package in package 'graphical'

security.controls.dbmemo
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.dbmemo diagram

Class diagram in package 'security.controls.dbmemo'

security.controls.dbmemo
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

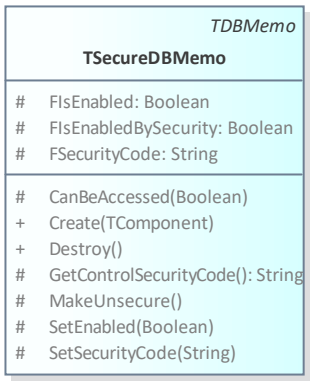

Figure 30: security.controls.dbmemo

TSecureDBMemo

Class in package 'security.controls.dbmemo'

TSecureDBMemo

TSecureDBMemo
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TDBMemo

OUTGOING STRUCTURAL RELATIONSHIPS
Realization from TSecureDBMemo to ISecureControlInterface [Direction is 'Source -> Destination'.]

ATTRIBUTES
FIsEnabled : Boolean Protected [Is static False. Containment is By Value.]
FIsEnabledBySecurity : Boolean Protected [Is static False. Containment is By Value.]
FSecurityCode : String Protected

ATTRIBUTES

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.controls.dbnavigator

Package in package 'graphical'

security.controls.dbnavigator
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.dbnavigator diagram

Class diagram in package 'security.controls.dbnavigator'

security.controls.dbnavigator
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

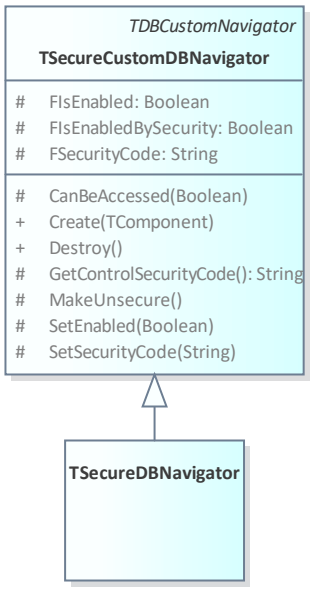

Figure 31: security.controls.dbnavigator

TSecureCustomDBNavigator

Class in package 'security.controls.dbnavigator'

TSecureCustomDBNavigator

TSecureCustomDBNavigator
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TDBCustomNavigator

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomDBNavigator to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureDBNavigator to TSecureCustomDBNavigator

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureDBNavigator

Class in package 'security.controls.dbnavigator'

TSecureDBNavigator
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomDBNavigator

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureDBNavigator to TSecureCustomDBNavigator

[Direction is 'Source -> Destination'.]

security.controls.dbtext

Package in package 'graphical'

security.controls.dbtext
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.dbtext diagram

Class diagram in package 'security.controls.dbtext'

security.controls.dbtext
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

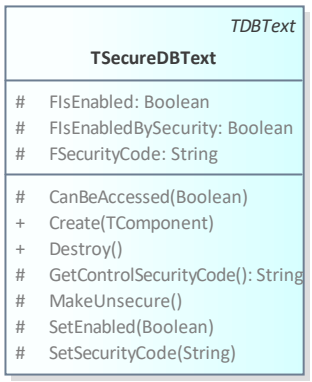

Figure 32: security.controls.dbtext

TSecureDBText

Class in package 'security.controls.dbtext'

TSecureDBText

TSecureDBText
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TDBText

OUTGOING STRUCTURAL RELATIONSHIPS
Realization from TSecureDBText to ISecureControlInterface [Direction is 'Source -> Destination'.]

ATTRIBUTES
FIsEnabled : Boolean Protected [Is static False. Containment is By Value.]
FIsEnabledBySecurity : Boolean Protected [Is static False. Containment is By Value.]
FSecurityCode : String Protected

ATTRIBUTES

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.controls.edit

Package in package 'graphical'

security.controls.edit
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.edit diagram

Class diagram in package 'security.controls.edit'

security.controls.edit
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

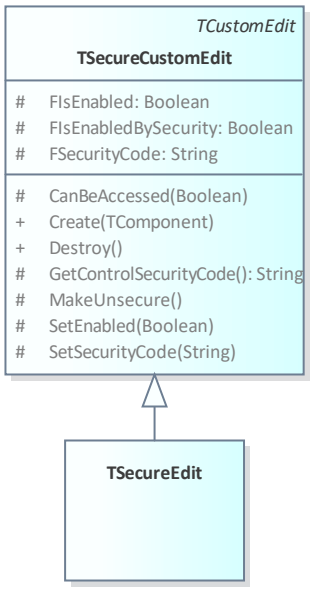

Figure 33: security.controls.edit

TSecureCustomEdit

Class in package 'security.controls.edit'

TSecureCustomEdit

TSecureCustomEdit
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomEdit

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomEdit to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureEdit to TSecureCustomEdit

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureEdit

Class in package 'security.controls.edit'

TSecureEdit
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomEdit

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureEdit to TSecureCustomEdit [Direction is 'Source -> Destination'.]

security.controls.groupbox

Package in package 'graphical'

security.controls.groupbox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.groupbox diagram

Class diagram in package 'security.controls.groupbox'

security.controls.groupbox
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

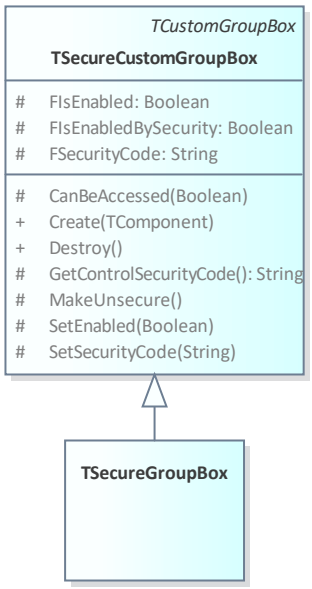

Figure 34: security.controls.groupbox

TSecureCustomGroupBox

Class in package 'security.controls.groupbox'

TSecureCustomGroupBox

TSecureCustomGroupBox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomGroupBox

OUTGOING STRUCTURAL RELATIONSHIPS
Realization from TSecureCustomGroupBox to ISecureControlInterface [Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureGroupBox to TSecureCustomGroupBox

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureGroupBox

Class in package 'security.controls.groupbox'

TSecureGroupBox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomGroupBox

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureGroupBox to TSecureCustomGroupBox [Direction is 'Source -> Destination'.]

security.controls.image

Package in package 'graphical'

security.controls.image
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.image diagram

Class diagram in package 'security.controls.image'

security.controls.image
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

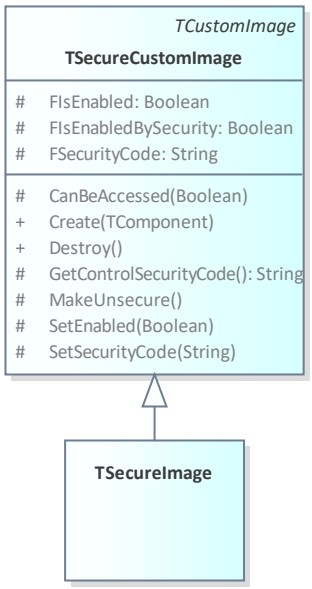

Figure 35: security.controls.image

TSecureCustomImage

Class in package 'security.controls.image'

TSecureCustomImage

TSecureCustomImage
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomImage

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomImage to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureImage to TSecureCustomImage

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureImage

Class in package 'security.controls.image'

TImage

TSecureImage
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomImage

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureImage to TSecureCustomImage [Direction is 'Source -> Destination'.]

security.controls.lbl

Package in package 'graphical'

security.controls.lbl
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.lbl diagram

Class diagram in package 'security.controls.lbl'

security.controls.lbl
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

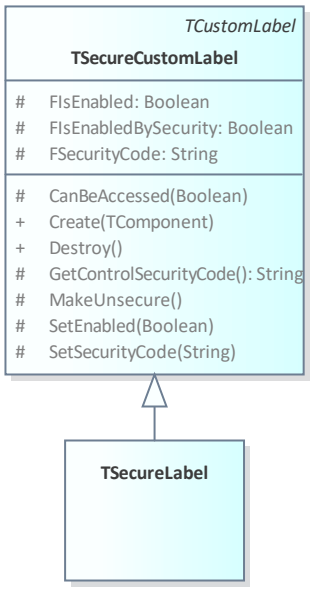

Figure 36: security.controls.lbl

TSecureCustomLabel

Class in package 'security.controls.lbl'

TSecureCustomLabel

TSecureCustomLabel
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomLabel

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomLabel to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureLabel to TSecureCustomLabel

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureLabel

Class in package 'security.controls.lbl'

TSecureLabel
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomLabel

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureLabel to TSecureCustomLabel

[Direction is 'Source -> Destination'.]

security.controls.listbox

Package in package 'graphical'

security.controls.listbox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.listbox diagram

Class diagram in package 'security.controls.listbox'

security.controls.listbox
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

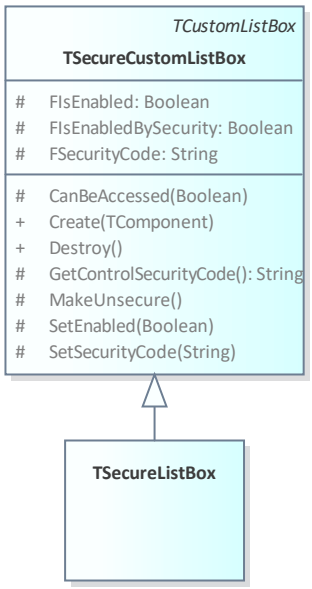

Figure 37: security.controls.listbox

TSecureCustomListBox

Class in package 'security.controls.listbox'

TSecureCustomListBox

TSecureCustomListBox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomListBox

OUTGOING STRUCTURAL RELATIONSHIPS
Realization from TSecureCustomListBox to ISecureControlInterface [Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureListBox to TSecureCustomListBox

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureListBox

Class in package 'security.controls.listbox'

TSecureListBox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomListBox

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureListBox to TSecureCustomListBox [Direction is 'Source -> Destination'.]

security.controls.maskedit

Package in package 'graphical'

security.controls.maskedit
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.maskedit diagram

Class diagram in package 'security.controls.maskedit'

security.controls.maskedit
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

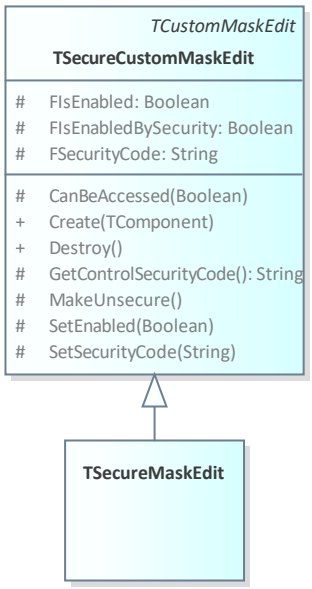

Figure 38: security.controls.maskedit

TSecureCustomMaskEdit

Class in package 'security.controls.maskedit'

TSecureCustomMaskEdit

TSecureCustomMaskEdit
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomMaskEdit

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomMaskEdit to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureMaskEdit to TSecureCustomMaskEdit

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureMaskEdit

Class in package 'security.controls.maskedit'

TSecureMaskEdit
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomMaskEdit

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureMaskEdit to TSecureCustomMaskEdit [Direction is 'Source -> Destination'.]

security.controls.memo

Package in package 'graphical'

security.controls.memo
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.memo diagram

Class diagram in package 'security.controls.memo'

security.controls.memo
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

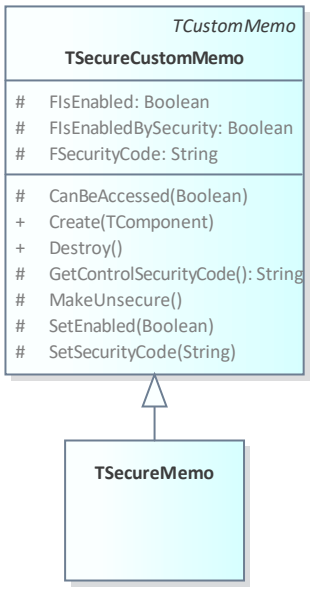

Figure 39: security.controls.memo

TSecureCustomMemo

Class in package 'security.controls.memo'

TSecureCustomMemo

TSecureCustomMemo
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomMemo

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomMemo to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureMemo to TSecureCustomMemo

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureMemo

Class in package 'security.controls.memo'

TSecureMemo
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomMemo

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureMemo to TSecureCustomMemo

[Direction is 'Source -> Destination'.]

security.controls.pagecontrol

Package in package 'graphical'

security.controls.pagecontrol
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.pagecontrol diagram

Class diagram in package 'security.controls.pagecontrol'

security.controls.pagecontrol
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

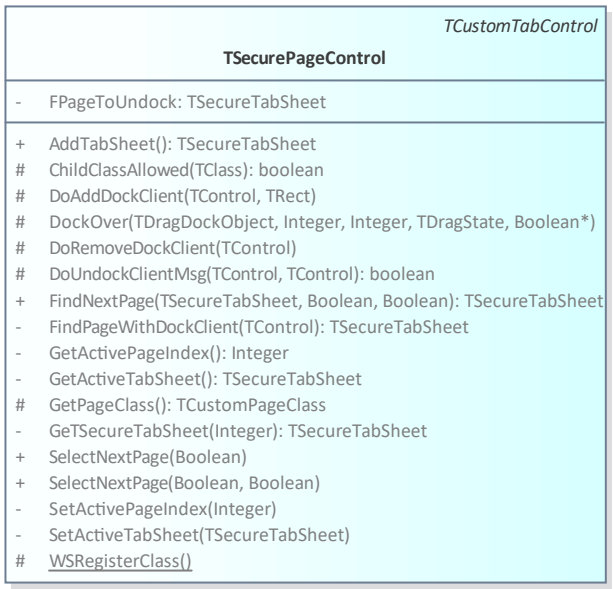

Figure 40: security.controls.pagecontrol

TSecurePageControl

Class in package 'security.controls.pagecontrol'

TSecurePageControl

TSecurePageControl
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomTabControl

ATTRIBUTES

FPageToUndock : TSecureTabSheet Private

[Is static False. Containment is By Value.]

ASSOCIATIONS

Association (direction: Source -> Destination)

ASSOCIATIONS

Source: Public (Class) TSecurePageControl

Target: Private FPageToUndock (Class) TSecureTabSheet

OPERATIONS

AddTabSheet () : TSecureTabSheet Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ChildClassAllowed (ChildClass : TClass) : boolean Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

DoAddDockClient (Client : TControl , ARect : TRect) : Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

DockOver (Source : TDragDockObject , X : Integer , Y : Integer , State : TDragState , Accept : Boolean) : Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

DoRemoveDockClient (Client : TControl) : Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

DoUndockClientMsg (NewTarget : TControl , Client : TControl) : boolean Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

FindNextPage (CurPage : TSecureTabSheet , GoForward : Boolean , CheckTabVisible : Boolean) : TSecureTabSheet Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

FindPageWithDockClient (Client : TControl) : TSecureTabSheet Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetActivePageIndex () : Integer Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetActiveTabSheet () : TSecureTabSheet Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetPageClass () : TCustomPageClass Protected

Properties:

OPERATIONS

override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GeTSecureTabSheet (Index : Integer) : TSecureTabSheet Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SelectNextPage (GoForward : Boolean) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SelectNextPage (GoForward : Boolean , CheckTabVisible : Boolean) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetActivePageIndex (AValue : Integer) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetActiveTabSheet (AValue : TSecureTabSheet) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

WSRegisterClass () : Protected

Properties:
override = true
[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

security.controls.panel

Package in package 'graphical'

security.controls.panel
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.panel diagram

Class diagram in package 'security.controls.panel'

security.controls.panel
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

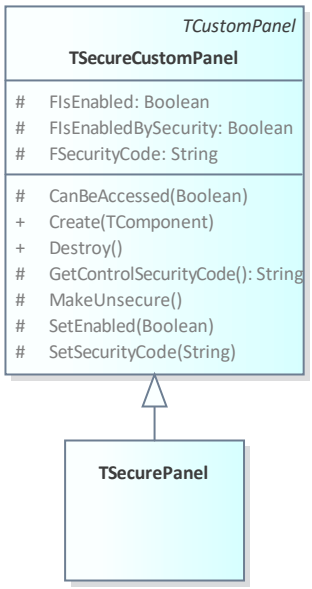

Figure 41: security.controls.panel

TSecureCustomPanel

Class in package 'security.controls.panel'

TSecureCustomPanel

TSecureCustomPanel
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomPanel

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomPanel to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecurePanel to TSecureCustomPanel

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecurePanel

Class in package 'security.controls.panel'

TSecurePanel
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomPanel

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecurePanel to TSecureCustomPanel

[Direction is 'Source -> Destination'.]

security.controls.progressbar

Package in package 'graphical'

security.controls.progressbar
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.progressbar diagram

Class diagram in package 'security.controls.progressbar'

security.controls.progressbar
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

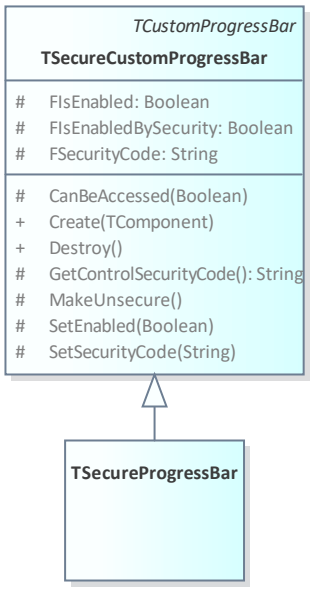

Figure 42: security.controls.progressbar

TSecureCustomProgressBar

Class in package 'security.controls.progressbar'

TSecureCustomProgressBar

TSecureCustomProgressBar
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomProgressBar

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomProgressBar to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureProgressBar to TSecureCustomProgressBar

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureProgressBar

Class in package 'security.controls.progressbar'

TSecureProgressBar
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomProgressBar

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureProgressBar to TSecureCustomProgressBar

[Direction is 'Source -> Destination'.]

security.controls.radiobutton

Package in package 'graphical'

security.controls.radiobutton
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.radiobutton diagram

Class diagram in package 'security.controls.radiobutton'

security.controls.radiobutton
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

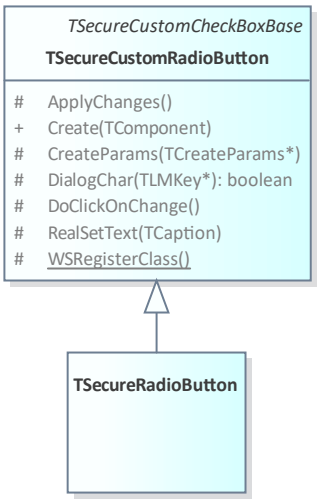

Figure 43: security.controls.radiobutton

TSecureCustomRadioButton

Class in package 'security.controls.radiobutton'

TSecureCustomRadioButton

TSecureCustomRadioButton
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomCheckBoxBase

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureCustomRadioButton to TSecureCustomCheckBoxBase
[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureRadioButton to TSecureCustomRadioButton
[Direction is 'Source -> Destination'.]

OPERATIONS

ApplyChanges () : Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

CreateParams (Params : TCreateParams) : Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

DialogChar (Message : TLMKey) : boolean Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

DoClickOnChange () : Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

RealSetText (Value : TCaption) : Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

WSRegisterClass () : Protected

Properties:
override = true
[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TSecureRadioButton

Class in package 'security.controls.radiobutton'

TSecureRadioButton
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomRadioButton

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureRadioButton to TSecureCustomRadioButton
[Direction is 'Source -> Destination'.]

security.controls.radiogroup

Package in package 'graphical'

security.controls.radiogroup
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.radiogroup diagram

Class diagram in package 'security.controls.radiogroup'

security.controls.radiogroup
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

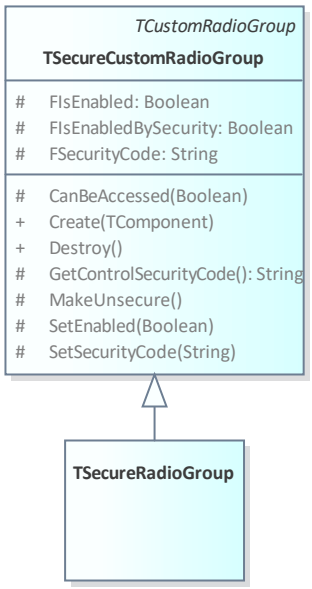

Figure 44: security.controls.radiogroup

TSecureCustomRadioGroup

Class in package 'security.controls.radiogroup'

TSecureCustomRadioGroup

TSecureCustomRadioGroup
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomRadioGroup

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomRadioGroup to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureRadioGroup to TSecureCustomRadioGroup

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureRadioGroup

Class in package 'security.controls.radiogroup'

TSecureRadioGroup
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomRadioGroup

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureRadioGroup to TSecureCustomRadioGroup [Direction is 'Source -> Destination'.]

security.controls.scrollbar

Package in package 'graphical'

security.controls.scrollbar
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.scrollbar diagram

Class diagram in package 'security.controls.scrollbar'

security.controls.scrollbar
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

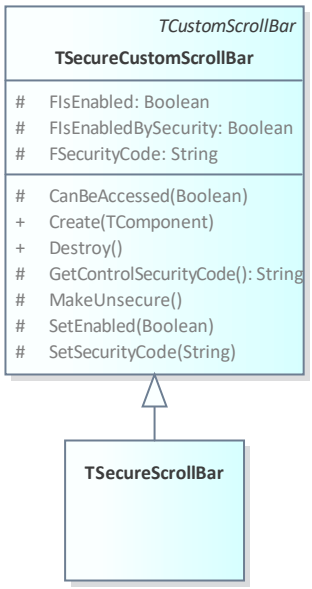

Figure 45: security.controls.scrollbar

TSecureCustomScrollBar

Class in package 'security.controls.scrollbar'

TSecureCustomScrollBar

TSecureCustomScrollBar
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomScrollBar

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomScrollBar to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureScrollBar to TSecureCustomScrollBar

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureScrollBar

Class in package 'security.controls.scrollbar'

TSecureScrollBar
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomScrollBar

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureScrollBar to TSecureCustomScrollBar

[Direction is 'Source -> Destination'.]

security.controls.scrollbox

Package in package 'graphical'

security.controls.scrollbox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.scrollbox diagram

Class diagram in package 'security.controls.scrollbox'

security.controls.scrollbox
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

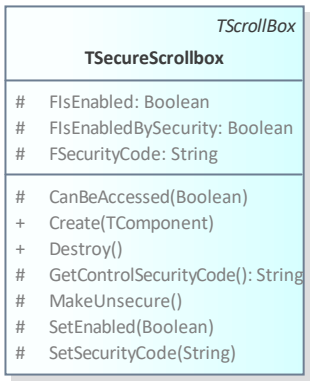

Figure 46: security.controls.scrollbox

TSecureScrollbox

Class in package 'security.controls.scrollbox'

TSecureScrollbox

TSecureScrollbox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TScrollBox

OUTGOING STRUCTURAL RELATIONSHIPS
Realization from TSecureScrollbox to ISecureControlInterface [Direction is 'Source -> Destination'.]

ATTRIBUTES
FIsEnabled : Boolean Protected [Is static False. Containment is By Value.]
FIsEnabledBySecurity : Boolean Protected [Is static False. Containment is By Value.]
FSecurityCode : String Protected

ATTRIBUTES

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.controls.securebutton

Package in package 'graphical'

security.controls.securebutton
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.securebutton diagram

Class diagram in package 'security.controls.securebutton'

security.controls.securebutton
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

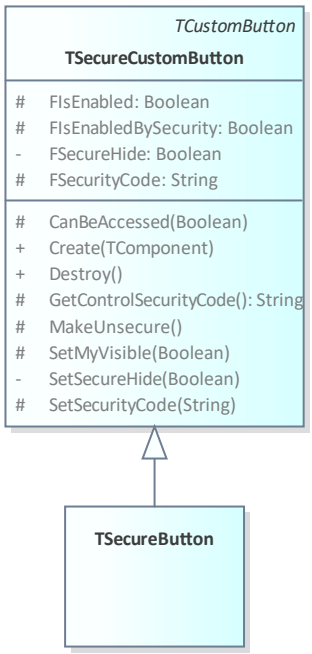

Figure 47: security.controls.securebutton

TSecureButton

Class in package 'security.controls.securebutton'

TSecureButton
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomButton

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureButton to TSecureCustomButton [Direction is 'Source -> Destination'.]

TSecureCustomButton

Class in package 'security.controls.securebutton'

TSecureCustomButton

TSecureCustomButton
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomButton

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomButton to ISecureControlInterface
[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureButton to TSecureCustomButton
[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected
[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected
[Is static False. Containment is By Value.]

FSecureHide : Boolean Private
[Is static False. Containment is By Value.]

FSecurityCode : String Protected
[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetMyVisible (Value : Boolean) : Protected

: @exclude procedure SetEnabled(Value: Boolean); override; : @exclude
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetSecureHide (AValue : Boolean) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetSecurityCode (AValue : String) : Protected

: @exclude
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.controls.securetabsheet

Package in package 'graphical'

security.controls.securetabsheet
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.securetabsheet diagram

Class diagram in package 'security.controls.securetabsheet'

security.controls.securetabsheet
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

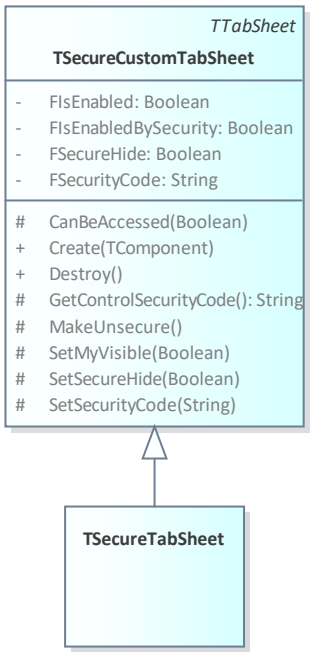

Figure 48: security.controls.securetabsheet

TSecureCustomTabSheet

Class in package 'security.controls.securetabsheet'

TSecureCustomTabSheet

TSecureCustomTabSheet
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TTabSheet

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomTabSheet to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureTabSheet to TSecureCustomTabSheet

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Private

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Private

[Is static False. Containment is By Value.]

FSecureHide : Boolean Private

[Is static False. Containment is By Value.]

FSecurityCode : String Private

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

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

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

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

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

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

SetMyVisible (Value : Boolean) : Protected

: @exclude

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

SetSecureHide (AValue : Boolean) : Protected

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

OPERATIONS

SetSecurityCode (AValue : String) : Protected

: @exclude

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureTabSheet

Class in package 'security.controls.securetabsheet'

TSecureTabSheet
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomTabSheet

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureTabSheet to TSecureCustomTabSheet

[Direction is 'Source -> Destination'.]

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) TSecurePageControl

Target: Private FPageToUndock (Class) TSecureTabSheet

security.controls.speedbutton

Package in package 'graphical'

security.controls.speedbutton
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.speedbutton diagram

Class diagram in package 'security.controls.speedbutton'

security.controls.speedbutton
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

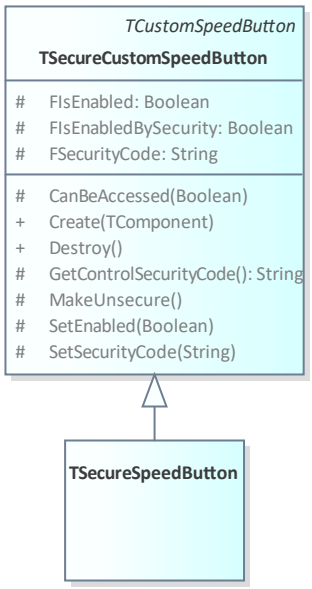

Figure 49: security.controls.speedbutton

TSecureCustomSpeedButton

Class in package 'security.controls.speedbutton'

TSecureCustomSpeedButton

TSecureCustomSpeedButton
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomSpeedButton

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomSpeedButton to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureSpeedButton to TSecureCustomSpeedButton
[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected
[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected
[Is static False. Containment is By Value.]

FSecurityCode : String Protected
[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureSpeedButton

Class in package 'security.controls.speedbutton'

TSecureSpeedButton
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomSpeedButton

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureSpeedButton to TSecureCustomSpeedButton [Direction is 'Source -> Destination'.]

security.controls.statictext

Package in package 'graphical'

security.controls.statictext
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.statictext diagram

Class diagram in package 'security.controls.statictext'

security.controls.statictext
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

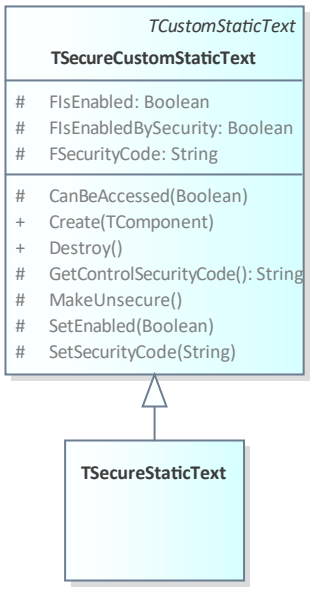

Figure 50: security.controls.statictext

TSecureCustomStaticText

Class in package 'security.controls.statictext'

TSecureCustomStaticText

TSecureCustomStaticText
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomStaticText

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomStaticText to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureStaticText to TSecureCustomStaticText

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureStaticText

Class in package 'security.controls.statictext'

TSecureStaticText
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomStaticText

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureStaticText to TSecureCustomStaticText

[Direction is 'Source -> Destination'.]

security.controls.togglebox

Package in package 'graphical'

security.controls.togglebox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.togglebox diagram

Class diagram in package 'security.controls.togglebox'

security.controls.togglebox
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

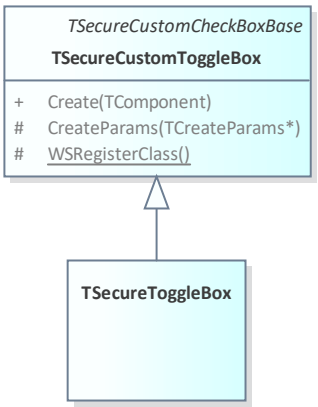

Figure 51: security.controls.togglebox

TSecureCustomToggleBox

Class in package 'security.controls.togglebox'

TSecureCustomToggleBox

TSecureCustomToggleBox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomCheckBoxBase

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureCustomToggleBox to TSecureCustomCheckBoxBase
[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureToggleBox to TSecureCustomToggleBox
[Direction is 'Source -> Destination'.]

OPERATIONS

Create (TheOwner : TComponent) : Public

OPERATIONS

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

CreateParams (Params : TCreateParams) : Protected

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

WSRegisterClass () : Protected

Properties:
override = true
[Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TSecureToggleBox

Class in package 'security.controls.togglebox'

TSecureToggleBox

TSecureToggleBox
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomToggleBox

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureToggleBox to TSecureCustomToggleBox
[Direction is 'Source -> Destination'.]

security.controls.trackbar

Package in package 'graphical'

security.controls.trackbar
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.trackbar diagram

Class diagram in package 'security.controls.trackbar'

security.controls.trackbar
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

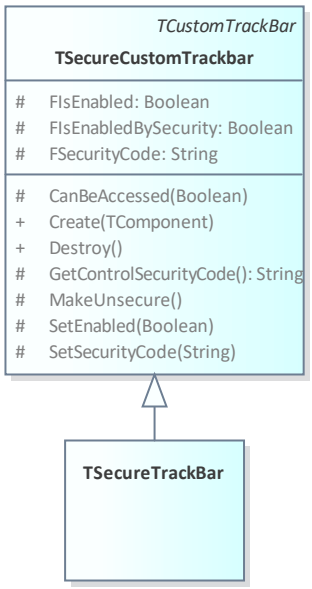

Figure 52: security.controls.trackbar

TSecureCustomTrackbar

Class in package 'security.controls.trackbar'

TSecureCustomTrackbar

TSecureCustomTrackbar
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomTrackBar

OUTGOING STRUCTURAL RELATIONSHIPS
Realization from TSecureCustomTrackbar to ISecureControlInterface [Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureTrackBar to TSecureCustomTrackbar

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureTrackBar

Class in package 'security.controls.trackbar'

TSecureTrackBar

TSecureTrackBar
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomTrackbar

OUTGOING STRUCTURAL RELATIONSHIPS
Generalization from TSecureTrackBar to TSecureCustomTrackbar [Direction is 'Source -> Destination'.]

security.controls.updown

Package in package 'graphical'

security.controls.updown
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.controls.updown diagram

Class diagram in package 'security.controls.updown'

security.controls.updown
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

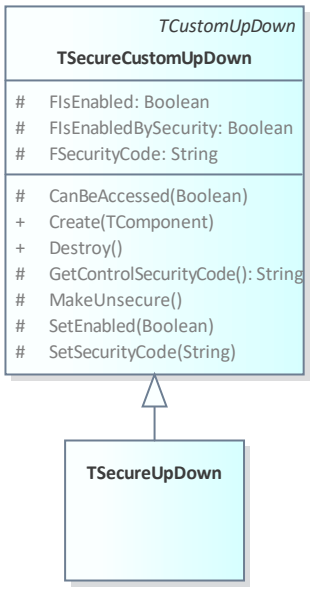

Figure 53: security.controls.updown

TSecureCustomUpDown

Class in package 'security.controls.updown'

TSecureCustomUpDown

TSecureCustomUpDown
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomUpDown

OUTGOING STRUCTURAL RELATIONSHIPS

Realization from TSecureCustomUpDown to ISecureControlInterface

[Direction is 'Source -> Destination'.]

INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TSecureUpDown to TSecureCustomUpDown

[Direction is 'Source -> Destination'.]

ATTRIBUTES

FIsEnabled : Boolean Protected

[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected

[Is static False. Containment is By Value.]

FSecurityCode : String Protected

[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true

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

Destroy () : Public

Properties:
override = true

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

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

OPERATIONS

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureUpDown

Class in package 'security.controls.updown'

TSecureUpDown
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomUpDown

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureUpDown to TSecureCustomUpDown

[Direction is 'Source -> Destination'.]

security.forms.form

Package in package 'graphical'

security.forms.form
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.forms.form diagram

Class diagram in package 'security.forms.form'

security.forms.form
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

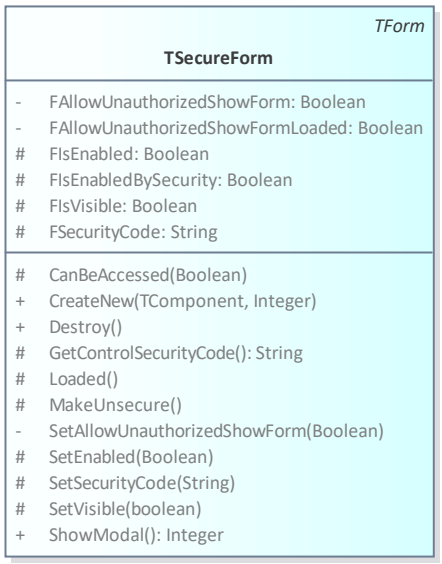

Figure 54: security.forms.form

TSecureForm

Class in package 'security.forms.form'

TSecureForm

TSecureForm
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TForm

OUTGOING STRUCTURAL RELATIONSHIPS
Realization from TSecureForm to ISecureControlInterface [Direction is 'Source -> Destination'.]

ATTRIBUTES
FAllowUnauthorizedShowForm : Boolean Private [Is static False. Containment is By Value.]

ATTRIBUTES

FAllowUnauthorizedShowFormLoaded : Boolean Private
[Is static False. Containment is By Value.]

FIsEnabled : Boolean Protected
[Is static False. Containment is By Value.]

FIsEnabledBySecurity : Boolean Protected
[Is static False. Containment is By Value.]

FIsVisible : Boolean Protected
[Is static False. Containment is By Value.]

FSecurityCode : String Protected
[Is static False. Containment is By Value.]

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

CreateNew (AOwner : TComponent , Num : Integer) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Loaded () : Protected

: @exclude

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetAllowUnauthorizedShowForm (AValue : Boolean) : Private

OPERATIONS

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

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true

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

SetSecurityCode (AValue : String) : Protected

: @exclude

[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetVisible (Value : boolean) : Protected

:@excluee

Properties:
override = true

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

ShowModal () : Integer Public

Properties:
override = true

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

security.frames.frame

Package in package 'graphical'

security.frames.frame
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.frames.frame diagram

Class diagram in package 'security.frames.frame'

security.frames.frame
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

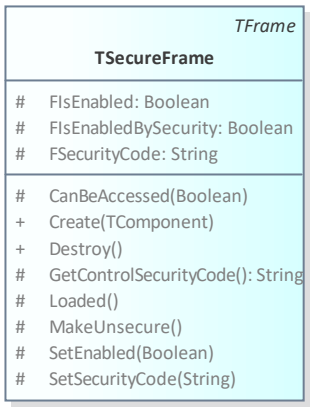

Figure 55: security.frames.frame

TSecureFrame

Class in package 'security.frames.frame'

TSecureFrame
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TFrame

OUTGOING STRUCTURAL RELATIONSHIPS
Realization from TSecureFrame to ISecureControlInterface [Direction is 'Source -> Destination'.]

ATTRIBUTES
FIsEnabled : Boolean Protected [Is static False. Containment is By Value.]
FIsEnabledBySecurity : Boolean Protected [Is static False. Containment is By Value.]
FSecurityCode : String Protected [Is static False. Containment is By Value.]

ATTRIBUTES

OPERATIONS

CanBeAccessed (a : Boolean) : Protected

: @seealso(ISecureControlInterface.CanBeAccessed)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Create (TheOwner : TComponent) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Destroy () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetControlSecurityCode () : String Protected

: @seealso(ISecureControlInterface.GetControlSecurityCode)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

Loaded () : Protected

: @exclude

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

MakeUnsecure () : Protected

: @seealso(ISecureControlInterface.MakeUnsecure)
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetEnabled (Value : Boolean) : Protected

: @exclude

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetSecurityCode (AValue : String) : Protected

: @exclude
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

security.manager.addusrdlg

Package in package 'graphical'

security.manager.addusrdlg
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.manager.addusrdlg diagram

Class diagram in package 'security.manager.addusrdlg'

security.manager.addusrdlg
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

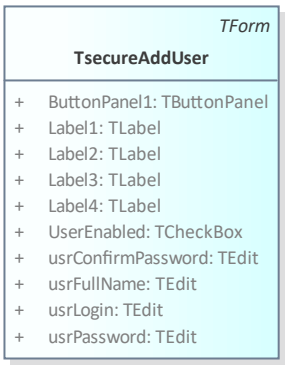

Figure 56: security.manager.addusrdlg

TsecureAddUser

Class in package 'security.manager.addusrdlg'

TsecureAddUser
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TForm

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from TsecureLevelAddUser to TsecureAddUser
[Direction is 'Source -> Destination'.]

ATTRIBUTES

ButtonPanel1 : TButtonPanel Public
[Is static False. Containment is By Value.]

Label1 : TLabel Public
[Is static False. Containment is By Value.]

Label2 : TLabel Public
[Is static False. Containment is By Value.]

ATTRIBUTES

- Label3 : TLabel Public
  [Is static False. Containment is By Value.]
- Label4 : TLabel Public
  [Is static False. Containment is By Value.]
- UserEnabled : TCheckBox Public
  [Is static False. Containment is By Value.]
- usrConfirmPassword : TEdit Public
  [Is static False. Containment is By Value.]
- usrFullName : TEdit Public
  [Is static False. Containment is By Value.]
- usrLogin : TEdit Public
  [Is static False. Containment is By Value.]
- usrPassword : TEdit Public
  [Is static False. Containment is By Value.]

security.manager.authbased.usrmgntdlg

Package in package 'graphical'

security.manager.authbased.usrmgntdlg
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.manager.authbased.usrmgntdlg diagram

Class diagram in package 'security.manager.authbased.usrmgntdlg'

security.manager.authbased.usrmgntdlg
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

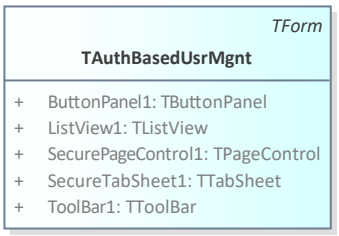

Figure 57: security.manager.authbased.usrmgntdlg

TAuthBasedUsrMgnt

Class in package 'security.manager.authbased.usrmgntdlg'

TAuthBasedUsrMgnt
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TForm

ATTRIBUTES
ButtonPanel1 : TButtonPanel Public [Is static False. Containment is By Value.]
ListView1 : TListView Public [Is static False. Containment is By Value.]
SecurePageControl1 : TPageControl Public [Is static False. Containment is By Value.]
SecureTabSheet1 : TTabSheet Public [Is static False. Containment is By Value.]
ToolBar1 : TToolBar Public [Is static False. Containment is By Value.]

security.manager.changepassdlg

Package in package 'graphical'

security.manager.changepassdlg
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.manager.changepassdlg diagram

Class diagram in package 'security.manager.changepassdlg'

security.manager.changepassdlg
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

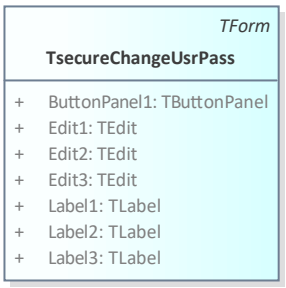

Figure 58: security.manager.changepassdlg

TsecureChangeUsrPass

Class in package 'security.manager.changepassdlg'

TsecureChangeUsrPass
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TForm

ATTRIBUTES
ButtonPanel1 : TButtonPanel Public [Is static False. Containment is By Value.]
Edit1 : TEdit Public [Is static False. Containment is By Value.]
Edit2 : TEdit Public [Is static False. Containment is By Value.]
Edit3 : TEdit Public [Is static False. Containment is By Value.]
Label1 : TLabel Public [Is static False. Containment is By Value.]

ATTRIBUTES
Label2 : TLabel Public [Is static False. Containment is By Value.]
Label3 : TLabel Public [Is static False. Containment is By Value.]

security.manager.graphical_user_management

Package in package 'graphical'

security.manager.graphical_user_management
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.manager.graphical_user_management diagram

Class diagram in package 'security.manager.graphical_user_management'

security.manager.graphical_user_management
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

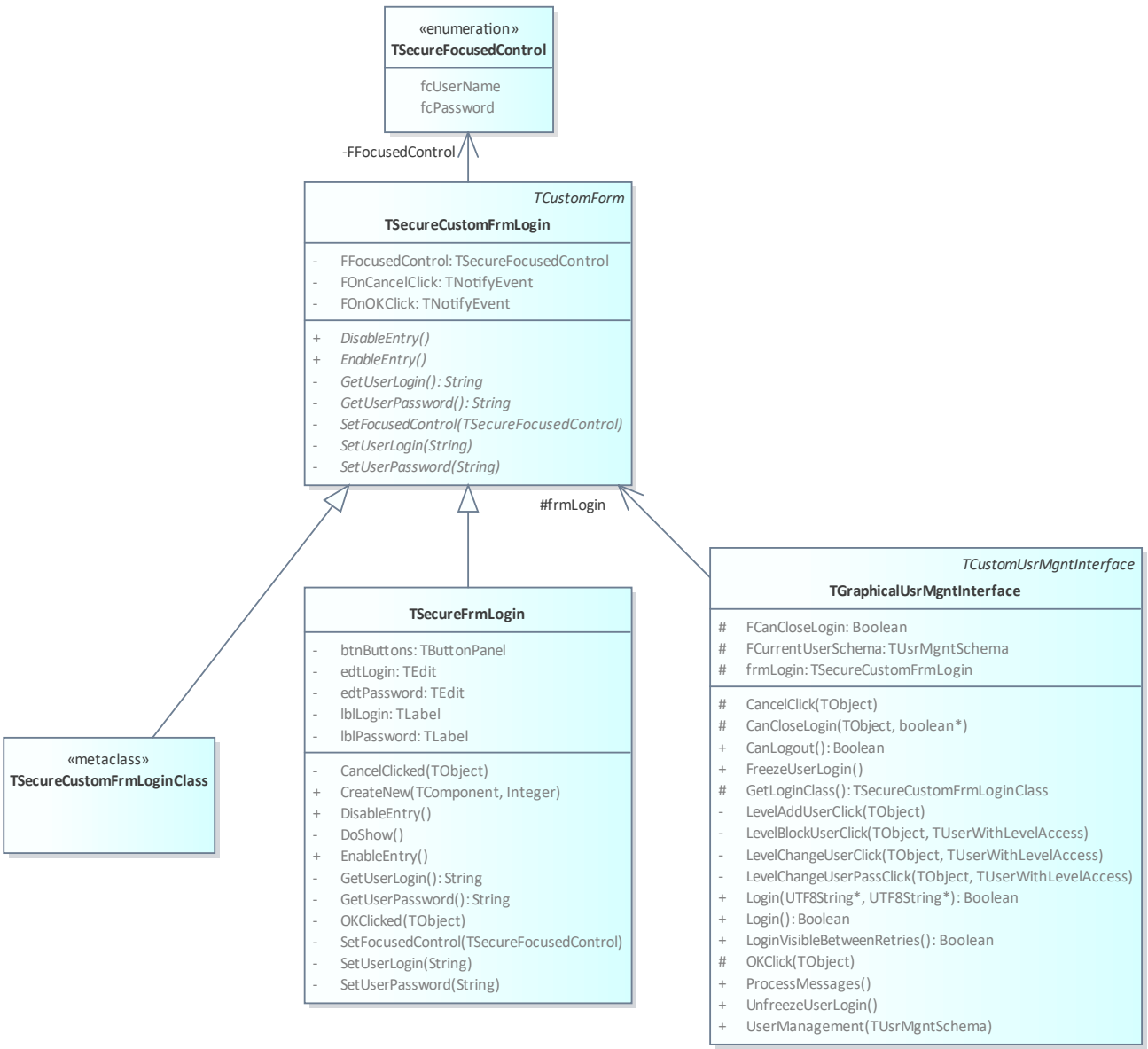

Figure 59: security.manager.graphical_user_management

TGraphicalUsrMgntInterface

Class in package 'security.manager.graphical_user_management'

TGraphicalUsrMgntInterface

TGraphicalUsrMgntInterface
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomUsrMgntInterface

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TGraphicalUsrMgntInterface to TCustomUsrMgntInterface
[Direction is 'Source -> Destination'.]

ATTRIBUTES

FCanCloseLogin : Boolean Protected
[Is static False. Containment is By Value.]

FCurrentUserSchema : TUsrMgntSchema Protected
[Is static False. Containment is By Value.]

frmLogin : TSecureCustomFrmLogin Protected
[Is static False. Containment is By Value.]

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) TGraphicalUsrMgntInterface

Target: Protected frmLogin (Class) TSecureCustomFrmLogin

OPERATIONS

CancelClick (Sender : TObject) : Protected
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

CanCloseLogin (Sender : TObject , CanClose : boolean) : Protected
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

CanLogout () : Boolean Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

FreezeUserLogin () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetLoginClass () : TSecureCustomFrmLoginClass Protected
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

LevelAddUserClick (Sender : TObject) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

LevelBlockUserClick (Sender : TObject , aUser : TUserWithLevelAccess) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

LevelChangeUserClick (Sender : TObject , aUser : TUserWithLevelAccess) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

LevelChangeUserPassClick (Sender : TObject , aUser : TUserWithLevelAccess) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Login (aLogin : UTF8String , aPass : UTF8String) : Boolean Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Login () : Boolean Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

LoginVisibleBetweenRetries () : Boolean Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OKClick (Sender : TObject) : Protected
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ProcessMessages () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UnfreezeUserLogin () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

UserManagement (aSchema : TUsrMgntSchema) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TSecureCustomFrmLogin

Class in package 'security.manager.graphical_user_management'

TCustomFrmLogin

TSecureCustomFrmLogin
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomForm

INCOMING STRUCTURAL RELATIONSHIPS

Generalization from «metaclass» TSecureCustomFrmLoginClass to TSecureCustomFrmLogin
[Direction is 'Source -> Destination'.]

Generalization from TSecureFrmLogin to TSecureCustomFrmLogin
[Direction is 'Source -> Destination'.]

ATTRIBUTES

FFocusedControl : TSecureFocusedControl Private
[Is static False. Containment is By Value.]

FOnCancelClick : TNotifyEvent Private
[Is static False. Containment is By Value.]

FOnOKClick : TNotifyEvent Private
[Is static False. Containment is By Value.]

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) TSecureCustomFrmLogin

Target: Private FFocusedControl (Enumeration) TSecureFocusedControl «enumeration»

Association (direction: Source -> Destination)

Source: Public (Class) TGraphicalUsrMgntInterface

Target: Protected frmLogin (Class) TSecureCustomFrmLogin

OPERATIONS

DisableEntry () : Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

EnableEntry () : Public
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

GetUserLogin () : String Private
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

GetUserPassword () : String Private
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

OPERATIONS

SetFocusedControl (AValue : TSecureFocusedControl) : Private
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetUserLogin (AValue : String) : Private
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

SetUserPassword (AValue : String) : Private
[Is static False. Is abstract True. Is return array False. Is query False. Is synchronized False.]

TSecureCustomFrmLoginClass

Metaclass «metaclass» in package 'security.manager.graphical_user_management'

TSecureCustomFrmLoginClass
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomFrmLogin

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from «metaclass» TSecureCustomFrmLoginClass to TSecureCustomFrmLogin
[Direction is 'Source -> Destination'.]

TSecureFocusedControl

Enumeration «enumeration» in package 'security.manager.graphical_user_management'

TSecureFocusedControl
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

ATTRIBUTES

fcUserName : Public
[Is static False. Containment is Not Specified.]

fcPassword : Public
[Is static False. Containment is Not Specified.]

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) TSecureCustomFrmLogin

Target: Private FFocusedControl (Enumeration) TSecureFocusedControl «enumeration»

TSecureFrmLogin

Class in package 'security.manager.graphical_user_management'

TFrmLogin

TSecureFrmLogin
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TSecureCustomFrmLogin

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureFrmLogin to TSecureCustomFrmLogin
[Direction is 'Source -> Destination'.]

ATTRIBUTES

btnButtons : TButtonPanel Private
[Is static False. Containment is By Value.]

edtLogin : TEdit Private
[Is static False. Containment is By Value.]

edtPassword : TEdit Private
[Is static False. Containment is By Value.]

lblLogin : TLabel Private
[Is static False. Containment is By Value.]

lblPassword : TLabel Private
[Is static False. Containment is By Value.]

OPERATIONS

CancelClicked (Sender : TObject) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

CreateNew (AOwner : TComponent , Num : Integer) : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

DisableEntry () : Public

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

DoShow () : Private

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

EnableEntry () : Public

OPERATIONS

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetUserLogin () : String Private

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

GetUserPassword () : String Private

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

OKClicked (Sender : TObject) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetFocusedControl (AValue : TSecureFocusedControl) : Private

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetUserLogin (AValue : String) : Private

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

SetUserPassword (AValue : String) : Private

Properties:
override = true
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

security.manager.level.addusrdlg

Package in package 'graphical'

security.manager.level.addusrdlg
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.manager.level.addusrdlg diagram

Class diagram in package 'security.manager.level.addusrdlg'

security.manager.level.addusrdlg
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

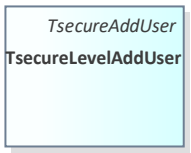

Figure 60: security.manager.level.addusrdlg

TsecureLevelAddUser

Class in package 'security.manager.level.addusrdlg'

TsecureLevelAddUser
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TsecureAddUser

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TsecureLevelAddUser to TsecureAddUser
[Direction is 'Source -> Destination'.]

security.manager.level.mgntdlg

Package in package 'graphical'

security.manager.level.mgntdlg
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.manager.level.mgntdlg diagram

Class diagram in package 'security.manager.level.mgntdlg'

security.manager.level.mgntdlg
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

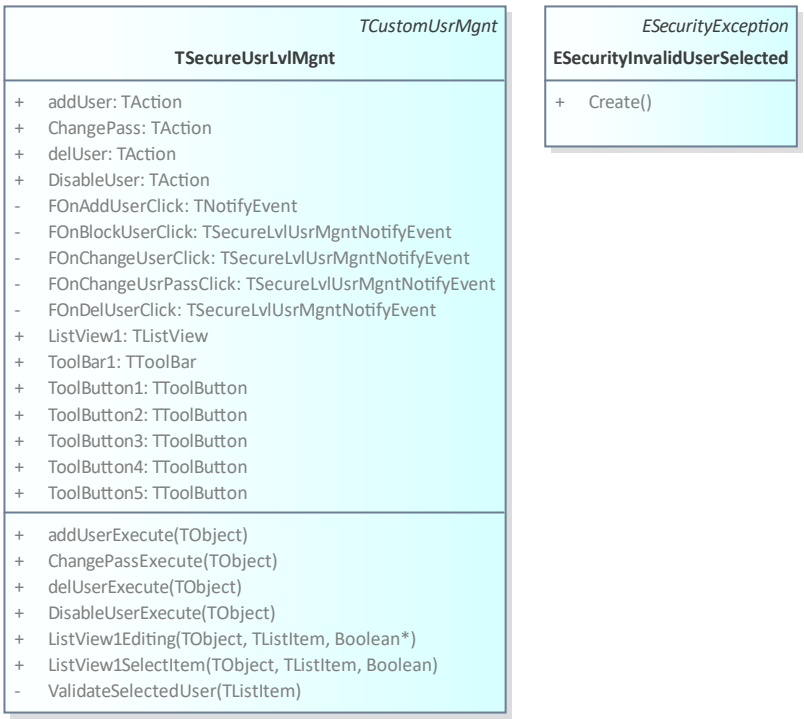

Figure 61: security.manager.level.mgntdlg

ESecurityInvalidUserSelected

Class in package 'security.manager.level.mgntdlg'

ESecurityInvalidUserSelected
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends ESecurityException

OPERATIONS
Create () : Public [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

TSecureUsrLvlMgnt

Class in package 'security.manager.level.mgntdlg'

TSecureUsrLvlMgnt
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TCustomUsrMgnt

OUTGOING STRUCTURAL RELATIONSHIPS

Generalization from TSecureUsrLvlMgnt to TCustomUsrMgnt
[Direction is 'Source -> Destination'.]

ATTRIBUTES

addUser : TAction Public
[Is static False. Containment is By Value.]

ChangePass : TAction Public
[Is static False. Containment is By Value.]

delUser : TAction Public
[Is static False. Containment is By Value.]

DisableUser : TAction Public
[Is static False. Containment is By Value.]

FOnAddUserClick : TNotifyEvent Private
[Is static False. Containment is By Value.]

FOnBlockUserClick : TSecureLvlUsrMgntNotifyEvent Private
[Is static False. Containment is By Value.]

FOnChangeUserClick : TSecureLvlUsrMgntNotifyEvent Private
[Is static False. Containment is By Value.]

FOnChangeUsrPassClick : TSecureLvlUsrMgntNotifyEvent Private
[Is static False. Containment is By Value.]

FOnDelUserClick : TSecureLvlUsrMgntNotifyEvent Private
[Is static False. Containment is By Value.]

ListView1 : TListView Public
[Is static False. Containment is By Value.]

ToolBar1 : TToolBar Public
[Is static False. Containment is By Value.]

ToolButton1 : TToolButton Public
[Is static False. Containment is By Value.]

ATTRIBUTES

ToolButton2 : TToolButton Public
[Is static False. Containment is By Value.]

ToolButton3 : TToolButton Public
[Is static False. Containment is By Value.]

ToolButton4 : TToolButton Public
[Is static False. Containment is By Value.]

ToolButton5 : TToolButton Public
[Is static False. Containment is By Value.]

OPERATIONS

addUserExecute (Sender : TObject) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ChangePassExecute (Sender : TObject) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

delUserExecute (Sender : TObject) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

DisableUserExecute (Sender : TObject) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ListView1Editing (Sender : TObject , Item : TListItem , AllowEdit : Boolean) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ListView1SelectItem (Sender : TObject , Item : TListItem , Selected : Boolean) : Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

ValidateSelectedUser (aUser : TListItem) : Private
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

security.manager.mgntdlg

Package in package 'graphical'

security.manager.mgntdlg
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017

security.manager.mgntdlg diagram

Class diagram in package 'security.manager.mgntdlg'

security.manager.mgntdlg
Version 1.0
andi created on 20.10.2017. Last modified 20.10.2017

Figure 62: security.manager.mgntdlg

TCustomUsrMgnt

Class in package 'security.manager.mgntdlg'

TCustomUsrMgnt
Version 1.0 Phase 1.0 Proposed
andi created on 20.10.2017. Last modified 20.10.2017
Extends TForm

INCOMING STRUCTURAL RELATIONSHIPS
Generalization from TSecureUsrLvlMgnt to TCustomUsrMgnt [Direction is 'Source -> Destination'.]

ATTRIBUTES
ActionList1 : TActionList Public [Is static False. Containment is By Value.]
ButtonPanel1 : TButtonPanel Public [Is static False. Containment is By Value.]
ImageList1 : TImageList Public [Is static False. Containment is By Value.]