
SFKeychainSavePanel Class Reference

[Security](#) > [Cocoa](#)





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Contents

SFKeychainSavePanel Class Reference 7

Overview 7

Tasks 8

 Returning a Shared Keychain Save Panel Object 8

 Displaying a Sheet or Panel 8

 Returning Information from the Sheet or Panel 8

Class Methods 8

 sharedKeychainSavePanel 8

Instance Methods 9

 beginSheetForDirectory:file:modalForWindow:modalDelegate:didEndSelector: contextInfo: 9
 keychain 10

 runModalForDirectory:file: 10

 setPassword: 11

Document Revision History 13

Index 15

Figures

[SFKeychainSavePanel Class Reference](#) 7

Figure 1 [Keychain save panel](#) 7

SFKeychainSavePanel Class Reference

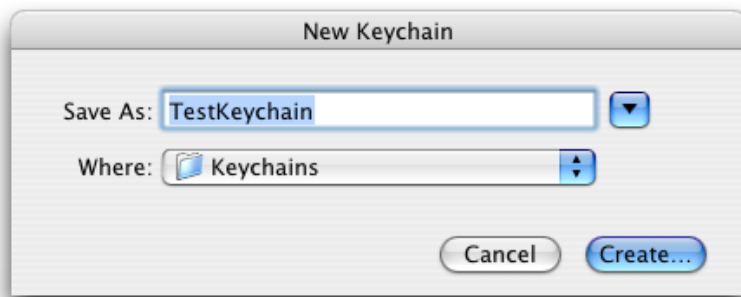
Inherits from	NSSavePanel : NSPanel : NSWindow : NSResponder : NSObject
Conforms to	NSUserInterfaceValidations (NSWindow) NSAnimatablePropertyContainer (NSWindow) NSCoding (NSResponder) NSObject (NSObject)
Framework	/System/Library/Frameworks/SecurityInterface.framework
Availability	Available in Mac OS X v10.3 and later
Companion guide	Keychain Services Programming Guide
Declared in	SFKeychainSavePanel.h

Overview

The `SFKeychainSavePanel` class displays a sheet or panel that allows the user to create a keychain.

The following figure shows an example of a keychain save panel.

Figure 1 Keychain save panel



Tasks

Returning a Shared Keychain Save Panel Object

+ [sharedKeychainSavePanel](#) (page 8)

Returns a shared keychain save panel object. If the object has not already been created, this method allocates and initializes the object first.

Displaying a Sheet or Panel

- [setPassword:](#) (page 11)

Specifies the password for the keychain that will be created.

- [beginSheetForDirectory:file:modalForWindow:modalDelegate:didEndSelector:contextInfo:](#) (page 9)

Displays a sheet that allows a user to create a new keychain.

- [runModalForDirectory:file:](#) (page 10)

Displays a panel that allows a user to create a new keychain.

Returning Information from the Sheet or Panel

- [keychain](#) (page 10)

Returns the keychain created by the keychain save panel.

Class Methods

sharedKeychainSavePanel

Returns a shared keychain save panel object. If the object has not already been created, this method allocates and initializes the object first.

```
+ (SFKeychainSavePanel *)sharedKeychainSavePanel
```

Availability

Available in Mac OS X v10.3 and later.

Declared In

SFKeychainSavePanel.h

Instance Methods

beginSheetForDirectory:file:modalForWindow:modalDelegate:didEndSelector:contextInfo:

Displays a sheet that allows a user to create a new keychain.

```
- (void)beginSheetForDirectory:(NSString *)path file:(NSString *)name
    modalForWindow:(NSWindow *)docWindow modalDelegate:(id)delegate
    didEndSelector:(SEL)didEndSelector contextInfo:(void *)contextInfo
```

Parameters

path

The path to the folder where the keychain is created. Specify `nil` for `~/Library/Keychains`.

name

The keychain name to be automatically displayed in the Save As field of the sheet.

docWindow

The parent window to which the sheet is attached. If this parameter is `nil`, the behavior defaults to a standalone modal window.

delegate

The delegate object in which the method specified in the `didEndSelector` parameter is implemented.

didEndSelector

A method selector for a delegate method called after the modal session has ended, but before the sheet has been dismissed. Implementation of this delegate method is optional.

contextInfo

A pointer to data that is passed to the delegate method. You can use this data pointer for any purpose you wish.

Discussion

The delegate method has the following signature:

```
-(void)createPanelDidEnd:(NSWindow *)sheet
    returnCode:(int)returnCode
    contextInfo:(void *)contextInfo
```

The parameters for the delegate method are:

sheet

The window to which the sheet was attached.

returnCode

The result code indicating which button the user clicked: either `NSFileHandlingPanelOKButton` or `NSFileHandlingPanelCancelButton`.

contextInfo

Client-defined contextual data that is passed in the `contextInfo` parameter of the `beginSheetForDirectory:file:modalForWindow:modalDelegate:didEndSelector:contextInfo:` method.

The delegate method may dismiss the keychain settings sheet itself; if it does not, the sheet is dismissed on return from the `beginSheetForDirectory:... method`.

Use the `keychain` method to obtain the keychain created by the user.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [keychain](#) (page 10)
- [runModalForDirectory:file:](#) (page 10)

Declared In

SFKeychainSavePanel.h

keychain

Returns the keychain created by the keychain save panel.

- (SecKeychainRef)keychain

Availability

Available in Mac OS X v10.3 and later.

See Also

- [beginSheetForDirectory:file:modalForWindow:modalDelegate:didEndSelector:contextInfo:](#) (page 9)
- [runModalForDirectory:file:](#) (page 10)

Declared In

SFKeychainSavePanel.h

runModalForDirectory:file:

Displays a panel that allows a user to create a new keychain.

- (NSInteger)runModalForDirectory:(NSString *)path file:(NSString *)name

Parameters

path

The path to the folder where the keychain is created. Specify `nil` for `~/Library/Keychains`.

name

The keychain name to be automatically displayed in the Save As field of the panel.

Discussion

This method returns a result code from the `runModalForDirectory:file:` method of the `NSSavePanel` class: `NSFileHandlingPanelOKButton` if the user clicks the OK button or `NSFileHandlingPanelCancelButton` if the user clicks the Cancel button.

Use the `keychain` method to obtain the keychain created by the user.

Availability

Available in Mac OS X v10.3 and later.

See Also

-runModalForDirectory:file:(NSSavePanel)

- [keychain](#) (page 10)

- [beginSheetForDirectory:file:modalForWindow:modalDelegate:didEndSelector:contextInfo:](#) (page 9)

Declared In

SFKeychainSavePanel.h

setPassword:

Specifies the password for the keychain that will be created.

- (void)setPassword:(NSString *)*password*

Parameters

password

The password to be used for the new keychain.

Discussion

This method is optional. If you don't call this method, the keychain save panel displays a password-entry dialog.

Availability

Available in Mac OS X v10.3 and later.

Declared In

SFKeychainSavePanel.h

Document Revision History

This table describes the changes to *SFKeychainSavePanel Class Reference*.

Date	Notes
2006-05-23	First publication of this content as a separate document.

REVISION HISTORY

Document Revision History

Index

B

beginSheetForDirectory:file:modalForWindow:
modalDelegate:didEndSelector:contextInfo:
instance method [9](#)

K

keychain instance method [10](#)

R

runModalForDirectory:file: instance method [10](#)

S

setPassword: instance method [11](#)
sharedKeychainSavePanel class method [8](#)