
SFKeychainSettingsPanel Class Reference

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SFKeychainSettingsPanel Class Reference

Inherits from	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	SFKeychainSettingsPanel.h

Overview

The `SFKeychainSettingsPanel` class displays a panel or sheet that allows users to change their keychain settings.

Keychain settings include:

- Lock after a set period of inactivity
- Lock on sleep
- Synchronize using .Mac

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

Figure 1 Keychain settings panel



Tasks

Returning a Shared Keychain Save Panel Object

+ [sharedKeychainSettingsPanel](#) (page 8)

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

Displaying a Sheet or Panel

- [beginSheetForWindow:modalDelegate:didEndSelector:contextInfo:settings:keychain:](#) (page 9)

Displays a sheet that allows users to change keychain settings.

- [runModalForSettings:keychain:](#) (page 10)

Displays a panel that allows users to change keychain settings.

Class Methods

sharedKeychainSettingsPanel

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

+ (SFKeychainSettingsPanel *)sharedKeychainSettingsPanel

Availability

Available in Mac OS X v10.3 and later.

Declared In

SFKeychainSettingsPanel.h

Instance Methods

beginSheetForWindow:modalDelegate:didEndSelector:contextInfo:settings:keychain:

Displays a sheet that allows users to change keychain settings.

```
- (void)beginSheetForWindow:(NSWindow *)docWindow modalDelegate:(id)delegate
    didEndSelector:(SEL)didEndSelector contextInfo:(void *)contextInfo
    settings:(SecKeychainSettings *)settings keychain:(SecKeychainRef)keychain
```

Parameters*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.

settings

A pointer to a keychain settings structure. Because this structure is versioned, you must preallocate it and fill in the version of the structure.

keychain

The keychain whose settings you wish to have the user change.

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:...` 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.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [runModalForSettings:keychain:](#) (page 10)

Declared In

SFKeychainSettingsPanel.h

runModalForSettings:keychain:

Displays a panel that allows users to change keychain settings.

```
- (NSInteger)runModalForSettings:(SecKeychainSettings *)settings
    keychain:(SecKeychainRef)keychain
```

Parameters

settings

A pointer to a keychain settings structure. Because this structure is versioned, you must preallocate it and fill in the version of the structure.

keychain

The keychain whose settings you wish to have the user change.

Discussion

The method result indicates which button the user clicks: `NSOKButton` or `NSCancelButton`.

If the user attempts to change the settings of a locked keychain, the unlock authorization dialog appears.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [beginSheetForWindow:modalDelegate:didEndSelector:contextInfo:settings:keychain:](#) (page 9)

Declared In

SFKeychainSettingsPanel.h

Document Revision History

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

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

REVISION HISTORY

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