
QCPlugInViewController Class Reference

[Cocoa](#) > [Graphics & Imaging](#)



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QCPlugInViewController Class Reference

Inherits from	NSViewController : NSResponder : NSObject
Conforms to	NSCoding (NSResponder) NSObject (NSObject)
Framework	/System/Library/Frameworks/Quartz.framework/Frameworks/QuartzComposer.framework
Availability	Available in Mac OS X v10.5 and later.
Declared in	QCPlugInViewController.h
Companion guides	Quartz Composer Custom Patch Programming Guide Quartz Composer Programming Guide

Overview

The `QCPlugInViewController` class communicates (through Cocoa bindings) between a custom patch and the view used for the internal settings of the custom patch. Only custom patches that use internal settings exposed to the user need to use the `QCPlugInViewController` class.

You access the internal settings of a custom patch through key-value coding (KVC). All the KVC keys that represent the internal settings of the custom patch must be listed in its `plugInKeys` method.

The view controller for a custom patch expects

- the nib file `File's Owner` class set to the `QCPlugInViewController` class
- the view outlet connected to the view that contains the editing controls

The controls are bound to the `File's Owner` as the target and `plugIn.XXX` as the model key path, where `XXX` is the KVC key for a given internal setting of the custom patch instance.

Tasks

Creating a Controller

- [initWithPlugIn:viewNibName:](#) (page 6)
Creates and initializes a controller for the specified `QCPlugIn` object and nib file.

Getting the QCPlugIn Object

- [plugIn](#) (page 6)

Returns the `QCPlugIn` object associated with the view controller for the custom patch.

Instance Methods

initWithPlugIn:viewNibName:

Creates and initializes a controller for the specified `QCPlugIn` object and nib file.

```
- (id) initWithPlugIn:(QCPlugIn*)plugIn viewNibName:(NSString*)name
```

Parameters

plugIn

A `QCPlugIn` object that uses internal settings.

name

The name of the nib file that contains the view for the custom patch.

Return Value

A `QCPlugInViewController` object.

Availability

Available in Mac OS X v10.5 and later.

Declared In

`QCPlugInViewController.h`

plugIn

Returns the `QCPlugIn` object associated with the view controller for the custom patch.

```
- (QCPlugIn*) plugIn
```

Return Value

The `QCPlugIn` object associated with the view controller for the custom patch.

Availability

Available in Mac OS X v10.5 and later.

Declared In

`QCPlugInViewController.h`

Document Revision History

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

Date	Notes
2007-05-09	New document that describes the class that provides a controller object for a user interface to edit the settings for a QCPlugIn object.

REVISION HISTORY

Document Revision History

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`initWithPlugIn:viewNibName:` [instance method 6](#)

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`plugIn` [instance method 6](#)