NSPredicateEditor Class Reference

Cocoa > User Experience

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NSPredicateEditor Class Reference

Inherits from	NSRuleEditor : NSControl : NSView : NSResponder : NSObject
Conforms to	NSAnimatablePropertyContainer (NSView) NSCoding (NSResponder) NSObject (NSObject)
Framework	/System/Library/Frameworks/AppKit.framework
Availability	Available in Mac OS X v10.5 and later.
Declared in	NSPredicateEditor.h
Companion guides	Control and Cell Programming Topics for Cocoa Predicate Programming Guide
Related sample code	PredicateEditorSample

Overview

`NSPredicateEditor` is a subclass of `NSRuleEditor` that is specialized for editing `NSPredicate` objects.

`NSPredicateEditor` provides an `NSPredicate` property—`objectValue` (inherited from `NSControl`)—that you can get and set directly, and that you can bind using Cocoa bindings (you typically configure a predicate editor in Interface Builder). `NSPredicateEditor` depends on another class, `NSPredicateEditorRowTemplate`, that describes the available predicates and how to display them.

Unlike `NSRuleEditor`, `NSPredicateEditor` does not depend on its delegate to populate its rows (and *does not call the populating delegate methods*). Instead, its rows are populated from its `objectValue` property (an instance of `NSPredicate`). `NSPredicateEditor` relies on instances `NSPredicateEditorRowTemplate`, which are responsible for mapping back and forth between the displayed view values and various predicates.

`NSPredicateEditor` exposes one property, `rowTemplates` (page 6), which is an array of `NSPredicateEditorRowTemplate` objects.

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Tasks

Managing Row Templates

- `setRowTemplates:` (page 6)
  Sets the row templates for the receiver.
- `rowTemplates` (page 6)
  Returns the row templates for the receiver.

Instance Methods

rowTemplates

Returns the row templates for the receiver.

```
- (NSArray *)rowTemplates
```

Return Value
The row templates for the receiver.

Discussion
Until otherwise set, this contains a single compound `NSPredicateEditorRowTemplate` object.

Availability
Available in Mac OS X v10.5 and later.

See Also
- `setRowTemplates:` (page 6)

Declared In
`NSPredicateEditor.h`

setRowTemplates:

Sets the row templates for the receiver.

```
- (void)setRowTemplates:(NSArray *)rowTemplates
```

Parameters
`rowTemplates`
  An array of `NSPredicateEditorRowTemplate` objects.

Availability
Available in Mac OS X v10.5 and later.

See Also
- `rowTemplates` (page 6)

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Declared In
`NSPredicateEditor.h`

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Document Revision History

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

Date	Notes
2008-10-15	Removed broken link.
2007-01-15	New document that describes the Cocoa class used to present an editable view of a predicate.

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Document Revision History

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R

`rowTemplates` instance method 6

S

`setRowTemplates:` instance method 6

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