NSFontPanelValidation Protocol Reference

Cocoa > User Experience

2007-04-06

Apple Inc.
© 2007 Apple Inc.
All rights reserved.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, mechanical, electronic, photocopying, recording, or otherwise, without prior written permission of Apple Inc., with the following exceptions: Any person is hereby authorized to store documentation on a single computer for personal use only and to print copies of documentation for personal use provided that the documentation contains Apple's copyright notice.

The Apple logo is a trademark of Apple Inc.

Use of the "keyboard" Apple logo (Option-Shift-K) for commercial purposes without the prior written consent of Apple may constitute trademark infringement and unfair competition in violation of federal and state laws.

No licenses, express or implied, are granted with respect to any of the technology described in this document. Apple retains all intellectual property rights associated with the technology described in this document. This document is intended to assist application developers to develop applications only for Apple-labeled computers.

Every effort has been made to ensure that the information in this document is accurate. Apple is not responsible for typographical errors.

Apple Inc.
1 Infinite Loop
Cupertino, CA 95014
408-996-1010

Apple, the Apple logo, Cocoa, Mac, and Mac OS are trademarks of Apple Inc., registered in the United States and other countries.

Simultaneously published in the United States and Canada.

Even though Apple has reviewed this document, APPLE MAKES NO WARRANTY OR REPRESENTATION, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THIS DOCUMENT, ITS QUALITY, ACCURACY, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE. AS A RESULT, THIS DOCUMENT IS PROVIDED "AS IS," AND YOU, THE READER, ARE ASSUMING THE ENTIRE RISK AS TO ITS QUALITY AND ACCURACY.

IN NO EVENT WILL APPLE BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY DEFECT OR INACCURACY IN THIS DOCUMENT, even if advised of the possibility of such damages.

THE WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS, ORAL OR WRITTEN, EXPRESS OR IMPLIED. No Apple dealer, agent, or employee is authorized to make any modification, extension, or addition to this warranty.

Some states do not allow the exclusion or limitation of implied warranties or liability for incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Contents

NSFontPanelValidation Protocol Reference 5

Overview 5
Tasks 5
  Validating Modes for a Font Panel 5
Instance Methods 5
  validModesForFontPanel: 5
Constants 6
  Mode Masks 6

Document Revision History 9

Index 11

2007-04-06 | © 2007 Apple Inc. All Rights Reserved.

2007-04-06 | © 2007 Apple Inc. All Rights Reserved.

NSFontPanelValidation Protocol Reference

(informal protocol)

Framework	/System/Library/Frameworks/AppKit.framework
Companion guide	Font Panel
Declared in	NSFontPanel.h

Overview

Informal protocol. The Font Panel can be explicitly ordered to display some or all of its elements by responding to the `validModesForFontPanel:` (page 5) instance method.

Tasks

Validating Modes for a Font Panel

`- validModesForFontPanel:` (page 5)
Returns the mode mask corresponding to the expected font panel mode.

Instance Methods

validModesForFontPanel:

Returns the mode mask corresponding to the expected font panel mode.

```
- (NSUInteger)validModesForFontPanel:(NSFontPanel *)fontPanel
```

Discussion
The mode masks are defined in `Mode Masks` (page 6).

The Font Panel has the ability to hide elements that are not applicable for a given context by having the target respond to `validModesForFontPanel:`. If the target desires a font panel mode other than the standard mode mask, it must respond to this method.

This message is sent up the responder chain to the first responder implementing the method. Ideally that object should be the first responder found that also implements `changeFont:`.

2007-04-06 | © 2007 Apple Inc. All Rights Reserved.

Availability
Available in Mac OS X v10.3 and later.

Declared In
`NSFontPanel.h`

Constants

Mode Masks

The following constants correspond to the available font panel mode masks returned by `validModesForFontPanel:` (page 5).

```
enum {
    NSFontPanelFaceModeMask = 1 << 0,
    NSFontPanelSizeModeMask = 1 << 1,
    NSFontPanelCollectionModeMask = 1 << 2,
    NSFontPanelUnderlineEffectModeMask = 1<<8,
    NSFontPanelStrikethroughEffectModeMask = 1<<9,
    NSFontPanelTextColorEffectModeMask = 1<< 10,
    NSFontPanelDocumentColorEffectModeMask = 1<<11,
    NSFontPanelShadowEffectModeMask = 1<<12,
    NSFontPanelAllEffectsModeMask = 0XFFF00,
    NSFontPanelStandardModesMask = 0xFFFF,
    NSFontPanelAllModesMask = 0xFFFFFFFF
};
```

Constants

`NSFontPanelFaceModeMask`
Display the typeface column.
Available in Mac OS X v10.3 and later.
Declared in `NSFontPanel.h`.

`NSFontPanelSizeModeMask`
Display the font size column.
Available in Mac OS X v10.3 and later.
Declared in `NSFontPanel.h`.

`NSFontPanelCollectionModeMask`
Display the font collections column.
Available in Mac OS X v10.3 and later.
Declared in `NSFontPanel.h`.

`NSFontPanelUnderlineEffectModeMask`
Display the underline popup menu.
Available in Mac OS X v10.4 and later.
Declared in `NSFontPanel.h`.

2007-04-06 | © 2007 Apple Inc. All Rights Reserved.

`NSFontPanelStrikethroughEffectModeMask`
Display the strike-through popup menu.

Available in Mac OS X v10.4 and later.

Declared in `NSFontPanel.h`.

`NSFontPanelTextColorEffectModeMask`
Display the text color button.

Available in Mac OS X v10.4 and later.

Declared in `NSFontPanel.h`.

`NSFontPanelDocumentColorEffectModeMask`
Display the document color button.

Available in Mac OS X v10.4 and later.

Declared in `NSFontPanel.h`.

`NSFontPanelShadowEffectModeMask`
Display the shadow effects button.

Available in Mac OS X v10.4 and later.

Declared in `NSFontPanel.h`.

`NSFontPanelAllEffectsModeMask`
Display all the effects user interface items.

Available in Mac OS X v10.4 and later.

Declared in `NSFontPanel.h`.

`NSFontPanelStandardModesMask`
Display the standard default font panel—that is, including the collections, typeface, and size columns.

Available in Mac OS X v10.3 and later.

Declared in `NSFontPanel.h`.

`NSFontPanelAllModesMask`
Display all the available adornments.

Available in Mac OS X v10.3 and later.

Declared in `NSFontPanel.h`.

Declared In
`NSFontPanel.h`

2007-04-06 | © 2007 Apple Inc. All Rights Reserved.

2007-04-06 | © 2007 Apple Inc. All Rights Reserved.

Document Revision History

This table describes the changes to *NSFontPanelValidation Protocol Reference*.

Date	Notes
2007-04-06	Revised book and task titles. Added abstracts for constants.
2006-05-23	First publication of this content as a separate document.

2007-04-06 | © 2007 Apple Inc. All Rights Reserved.

Document Revision History

2007-04-06 | © 2007 Apple Inc. All Rights Reserved.

Index

M

Mode Masks 6

N

`NSFontPanelAllEffectsModeMask` constant 7
`NSFontPanelAllModesMask` constant 7
`NSFontPanelCollectionModeMask` constant 6
`NSFontPanelDocumentColorEffectModeMask` constant 7
`NSFontPanelFaceModeMask` constant 6
`NSFontPanelShadowEffectModeMask` constant 7
`NSFontPanelSizeModeMask` constant 6
`NSFontPanelStandardModesMask` constant 7
`NSFontPanelStrikethroughEffectModeMask` constant 7
`NSFontPanelTextColorEffectModeMask` constant 7
`NSFontPanelUnderlineEffectModeMask` constant 6

V

`validModesForFontPanel:` <NSObject> instance method 5

2007-04-06 | © 2007 Apple Inc. All Rights Reserved.