# WebPolicyDecisionListener Protocol Reference

**Cocoa > User Experience**

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# WebPolicyDecisionListener Protocol Reference

| | |
|---|---|
| **Conforms to** | NSObject |
| **Framework** | /System/Library/Frameworks/WebKit.framework |
| **Availability** | Available in Mac OS X v10.2 with Safari 1.0 and later.<br>Available in Mac OS X v10.2.7 and later. |
| **Companion guide** | WebKit Objective-C Programming Guide |
| **Declared in** | WebPolicyDelegate.h |

## Overview

This protocol enables `WebView` policy delegates to communicate with listener objects. A listener object conforming to this protocol is passed as one of the arguments to web view policy delegate methods.

This protocol allows delegates to handle download decisions asynchronously. For example, the policy delegate may display a sheet, and the listener object gets notified only after the user clicks an OK or Cancel button. You do not directly create objects that conform to this protocol.

## Tasks

### Making Resource-Usage Decisions

- `download` (page 6)
  Tells the listener to download the resource instead of displaying it.
- `ignore` (page 6)
  Tells the listener to ignore the resource.
- `use` (page 6)
  Tells the listener to use the resource.


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# Instance Methods

## download

Tells the listener to download the resource instead of displaying it.

```
- (void)download
```

**Discussion**
This method converts a location change that may be in progress to a download operation without having to stop and restart the download. You might invoke this method based on the content's MIME type.

**Availability**
Available in Mac OS X v10.2 with Safari 1.0 and later.
Available in Mac OS X v10.2.7 and later.

**Declared In**
`WebPolicyDelegate.h`

## ignore

Tells the listener to ignore the resource.

```
- (void)ignore
```

**Discussion**
You might invoke this method to handle the resource request yourself. For example, you might want to open a new window, open a window behind the current window, open a URL in an external application, or show a file URL location in the Finder.

**Availability**
Available in Mac OS X v10.2 with Safari 1.0 and later.
Available in Mac OS X v10.2.7 and later.

**Declared In**
`WebPolicyDelegate.h`

## use

Tells the listener to use the resource.

```
- (void)use
```

**Discussion**
If there are pending policy decisions, the next policy delegate method has the opportunity to decide what to do with the resource. This will be either the next navigation policy delegate (if there is a redirect), or the content policy delegate. If there are no pending policy decisions, the resource will be displayed if possible. If there is no document view available to display the resource, then the `webView:unableToImplementPolicyWithError:frame:` message will be sent to the web view policy delegate with an appropriate error. Invoking this method creates any new windows needed to handle the resource.


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**Availability**
Available in Mac OS X v10.2 with Safari 1.0 and later.
Available in Mac OS X v10.2.7 and later.

**See Also**
`+ registerViewClass:representationClass:forMIMEType:`

**Declared In**
`WebPolicyDelegate.h`


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# Document Revision History

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

| Date | Notes |
| --- | --- |
| 2009-03-04 | Added separate parameter and return-value descriptions. |
| 2006-05-23 | First publication of this content as a separate document. |



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Document Revision History



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## D

`download` protocol instance method 6

## I

`ignore` protocol instance method 6

## U

`use` protocol instance method 6




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