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# DOMDocument Additions Reference

[Cocoa > User Experience](#)



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# DOMDocument Additions Reference

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<b>Inherits from</b>	DOMNode : DOMObject : WebScriptObject : NSObject
<b>Conforms to</b>	DOMEventTarget (DOMNode) NSCopying (DOMObject) NSObject (NSObject)
<b>Framework</b>	/System/Library/Frameworks/WebKit.framework
<b>Availability</b>	Available in Mac OS X v10.3.9 and later.
<b>Declared in</b>	WebDOMOperations.h
<b>Companion guides</b>	WebKit DOM Programming Topics WebKit Objective-C Programming Guide

## Overview

Additions to the `DOMDocument` class facilitate communication between the DOM API and WebKit and help convert DOM URL element attributes into web-friendly `NSURL` objects.

## Tasks

### Getting the Web Frame

- [webFrame](#) (page 6)  
Returns the web frame of the DOM document.

### Constructing URLs

- [URLWithAttributeString:](#) (page 6)  
Constructs a URL given an attribute string.

## Instance Methods

### **URLWithAttributeString:**

Constructs a URL given an attribute string.

```
- (NSURL *)URLWithAttributeString:(NSString *)string
```

#### **Discussion**

This method constructs a URL given the string value of an element attribute. Examples include the `href` attribute of a `DOMHTMLAnchorElement` object, or the `src` attribute of a `DOMHTMLImageElement` object. This method only applies to attributes that refer to URLs.

#### **Availability**

Available in Mac OS X v10.3.9 and later.

#### **Declared In**

`WebDOMOperations.h`

### **webFrame**

Returns the web frame of the DOM document.

```
- (WebFrame *)webFrame
```

#### **Availability**

Available in Mac OS X v10.3.9 and later.

#### **Declared In**

`WebDOMOperations.h`

# Document Revision History

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This table describes the changes to *DOMDocument Additions Reference*.

Date	Notes
2008-10-15	Updated per Mac OS X v10.5.
2006-07-31	Includes new API for Mac OS X v.10.5
2006-05-23	First publication of this content as a separate document.

## REVISION HISTORY

### Document Revision History



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