

# ADOBE® DREAMWEAVER® CS5 & CS5.5

## API Reference



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# Chapter 1: Introduction

The *Adobe Dreamweaver CS5 API Reference* describes the application programming interfaces (APIs). The APIs let you perform various supporting tasks when developing Adobe® Dreamweaver® CS5 extensions and adding program code to your Dreamweaver web pages. The APIs include the main JavaScript API which provides access to most of the core functionalities of Dreamweaver. Core functionalities of Dreamweaver means generally anything that can be done with a menu, and more. It also includes various utility APIs for performing such common tasks as reading and writing files, transferring information with HTTP, and communicating with Fireworks and Flash.

The extensive JavaScript API lets you perform a diverse set of smaller tasks. A user would perform many of these tasks when creating or editing Dreamweaver documents. These API functions are grouped by the parts of the Dreamweaver user interface that they affect. For example, the JavaScript API includes Workspace functions, Document functions, Design functions, and so on. The API functions let you perform some of the following tasks and much more in addition to these tasks:

- Opening a new document
- Getting or setting a font size
- Finding the occurrence of a search string in HTML code
- Making a toolbar visible

## About extensions

This book assumes that you are familiar with Dreamweaver, HTML, XML, JavaScript programming and, if applicable, C programming. If you are writing extensions for building web applications, you should also be familiar with server-side scripting on at least one platform, such as Active Server Pages (ASP), ASP.NET, PHP: Hypertext Preprocessor (PHP), Adobe ColdFusion, or Java Server Pages (JSP).

## Extending Dreamweaver

To learn about the Dreamweaver framework and the API that enables you to build Dreamweaver extensions, see *Extending Dreamweaver*. *Extending Dreamweaver* describes the API functions that Dreamweaver calls to implement the objects, menus, floating panels, server behaviors, and so on, that comprise the various features of Dreamweaver. You can use those APIs to add objects, menus, floating panels, or other features to the product. *Extending Dreamweaver* also explains how to customize Dreamweaver by editing and adding tags to various HTML and XML files to add menu items or document types, and so on.

## Additional resources for extension writers

To communicate with other developers who are involved in writing extensions, join the Dreamweaver extensibility news group. You can access the website for this news group at  
<http://www.adobe.com/cfusion/webforums/forum/categories.cfm?forumid=12&catid=190>.

## New functions in Dreamweaver CS5

The following new functions are added to the Dreamweaver CS5 JavaScript API. The headings designate the chapters and sections that contain the new functions:

### Dynamic documents

The following functions are added to the Dynamic documents chapter.

#### Live view functions

- “[dom.setLiveViewFollowsLinks\(\)](#)” on page 358
- “[dom.getLiveViewFollowsLinks\(\)](#)” on page 358
- “[dom.isLiveViewBrowsingHomeURI\(\)](#)” on page 358
- “[dreamweaver.findSiteForURI\(\)](#)” on page 359
- “[dom.browser.isPageNavigationHistoryEnabled\(\)](#)” on page 360
- “[dom.browser.enablePageNavigationHistory\(\)](#)” on page 361
- “[dom.browser.getPageNavigationHistoryLength\(\)](#)” on page 361
- “[dom.browser.getPageNavigationHistoryPosition\(\)](#)” on page 361
- “[dom.browser.goToPageNavigationHistoryPosition\(\)](#)” on page 362
- “[dom.browser.getPageNavigationHistoryItem\(\)](#)” on page 362
- “[dom.browser.setHomePage\(\)](#)” on page 363
- “[dom.browser.getHomePage\(\)](#)” on page 363

### Workspace

The following new functions are added to the Workspace chapter.

#### Related files functions

- “[dreamweaver.getRelatedFilesFilter\(\)](#)” on page 190
- “[dreamweaver.setRelatedFilesFilter\(\)](#)” on page 190
- “[dreamweaver.getQuickRelatedFilesFilterStrings\(\)](#)” on page 190
- “[dreamweaver.invokeRelatedFilesCustomFilterDialog\(\)](#)” on page 191
- “[dreamweaver.getDynamicRelatedFilesDiscoverySetting\(\)](#)” on page 191
- “[dreamweaver.setDynamicRelatedFilesDiscoverySetting\(\)](#)” on page 192
- “[dreamweaver.refreshRelatedFiles\(\)](#)” on page 192
- “[dreamweaver.saveAllRelatedFiles\(\)](#)” on page 192
- “[dreamweaver.canSaveAllRelatedFiles\(\)](#)” on page 193
- “[document.isRelatedFileViewOpen\(\)](#)” on page 193

[“document.getRelatedFiles\(\)” on page 193](#)  
[“document.addRelatedFile\(\)” on page 194](#)  
[“document.removeRelatedFile\(\)” on page 195](#)  
[“document.getDependentFiles\(\)” on page 195](#)  
...and more.

## Document

The following new functions are added to the Document chapter.

[“DWUri.isValidURI\(\)” on page 275](#)  
[“DWUri.isAbsolute\(\)” on page 275](#)  
[“DWUri.isRelative\(\)” on page 275](#)  
[“DWUri.isDirectory\(\)” on page 276](#)  
[“DWUri.isHierarchical\(\)” on page 276](#)  
[“DWUri.isOfType\(\)” on page 276](#)  
[“DWUri.isFileOfType\(\)” on page 277](#)  
...and more.

## Code

The following new functions are added to the Code chapter.

[“dom.getLiveCodeHighlightsChanges\(\)” on page 481](#)  
[“dom.setLiveCodeHighlightsChanges\(\)” on page 481](#)  
...and more.

# Conventions used in this guide

## Typographical conventions

The following typographical conventions are used in this guide:

- Code font indicates code fragments and API literals, including class names, method names, function names, type names, scripts, SQL statements, and both HTML and XML tag and attribute names.
- *Italic code* font indicates replaceable items in code.
- The continuation symbol (– ) indicates that a long line of code has been broken across two or more lines. Due to margin limits in this book’s format, what is otherwise a continuous line of code must be split. When copying the lines of code, eliminate the continuation symbol and type the lines as one line.
- Curly braces ({} ) that surround a function argument indicate that the argument is optional.

- Function names that have the prefix `dreamweaver . funcname` can be abbreviated to `dw . funcname` when you are writing code. This manual uses the full `dreamweaver .` prefix when defining the function and in the index. Many examples use the `dw .` prefix, however.

### Naming conventions

The following naming conventions are used in this guide:

- You—the developer who is responsible for writing extensions
- The user—the person using Dreamweaver

# Chapter 2: The file I/O API

Adobe® Dreamweaver® CS5 includes a C shared library called DWfile. The DWfile lets authors of objects, commands, behaviors, data translators, floating panels, and Property inspectors read and write files on the local file system. The chapter describes the File I/O API and how to use it.

For general information on how C libraries interact with the JavaScript interpreter in Dreamweaver, see “C-Level Extensibility” in *Extending Dreamweaver*.

## About configuration folders

On Microsoft Windows 2000 and Windows XP, and Mac OS X platforms, users have their own copies of configuration files. Whenever Dreamweaver writes to a configuration file, Dreamweaver writes it to the user’s Configuration folder. Similarly, when Dreamweaver reads a configuration file, Dreamweaver searches for it first in the user’s Configuration folder and then in the Dreamweaver Configuration folder. DWfile functions use the same mechanism. In other words, if your extension reads or writes a file in the Dreamweaver Configuration folder, your extension also accesses the user’s Configuration folder. For more information about configuration folders on multiuser platforms, see *Extending Dreamweaver*.

## About the file I/O API

All functions in the file I/O API are methods of the `DWfile` object.

### **DWfile.copy()**

#### **Availability**

Dreamweaver 3.

#### **Description**

This function copies the specified file to a new location.

#### **Arguments**

`originalURL`, `copyURL`

- The `originalURL` argument, which is expressed as a file:// URL, is the file you want to copy.
- The `copyURL` argument, which is expressed as a file:// URL, is the location where you want to save the copied file.

#### **Returns**

A Boolean value: `true` if the copy succeeds; `false` otherwise.

#### **Example**

The following code copies a file called myconfig.cfg to myconfig\_backup.cfg:

```
var fileURL = "file:///c|/Config/myconfig.cfg";
var newURL = "file:///c|/Config/myconfig_backup.cfg";
DWfile.copy(fileURL, newURL);
```

## DWfile.createFolder()

### Availability

Dreamweaver 2.

### Description

This function creates a folder at the specified location.

### Arguments

*folderURL*

- The *folderURL* argument, which is expressed as a file:// URL, is the location of the folder you want to create.

### Returns

A Boolean value: `true` if the folder is created successfully; `false` otherwise.

### Example

The following code tries to create a folder called tempFolder at the top level of the C drive and displays an alert box that indicates whether the operation was successful:

```
var folderURL = "file:///c|/tempFolder";
if (DWfile.createFolder(folderURL)){
    alert("Created " + folderURL);
} else{
    alert("Unable to create " + folderURL);
}
```

## DWfile.exists()

### Availability

Dreamweaver 2.

### Description

This function tests for the existence of the specified file.

### Arguments

*fileURL*

- The *fileURL* argument, which is expressed as a file:// URL, is the requested file.

### Returns

A Boolean value: `true` if the file exists; `false` otherwise.

### Example

The following code checks for the mydata.txt file and displays an alert message that tells the user whether the file exists:

```
var fileURL = "file:///c|/temp/mydata.txt";
if (DWfile.exists(fileURL)) {
    alert(fileURL + " exists!");
} else{
    alert(fileURL + " does not exist.");
}
```

## DWfile.getAttributes()

### Availability

Dreamweaver 2.

### Description

This function gets the attributes of the specified file or folder.

### Arguments

*fileURL*

- The *fileURL* argument, which is expressed as a file:// URL, is the file or folder for which you want to get attributes.

### Returns

A string that represents the attributes of the specified file or folder. If the file or folder does not exist, this function returns a null value. The following characters in the string represent the attributes:

- R is read only.
- D is folder.
- H is hidden.
- S is system file or folder.

### Example

The following code gets the attributes of the mydata.txt file and displays an alert box if the file is read only:

```
var fileURL = "file:///c|/temp/mydata.txt";
var str = DWfile.getAttributes(fileURL);
if (str && (str.indexOf("R") != -1)){
    alert(fileURL + " is read only!");
}
```

## DWfile.getModificationDate()

### Availability

Dreamweaver 2.

### Description

This function gets the time when the file was last modified.

**Arguments***fileURL*

- The *fileURL* argument, which is expressed as a file:// URL, is the file for which you are checking the last modified time.

**Returns**

A string that contains a hexadecimal number that represents the number of time units that have elapsed since some base time. The exact meaning of time units and base time is platform-dependent; in Windows, for example, a time unit is 100ns, and the base time is January 1st, 1600.

**Example**

It's useful to call the function twice and compare the return values because the value that this function returns is platform-dependent and is not a recognizable date and time. The following code example gets the modification dates of file1.txt and file2.txt and displays an alert message that indicates which file is newer:

```
var file1 = "file:///c|/temp/file1.txt";
var file2 = "file:///c|/temp/file2.txt";
var time1 = DWfile.getModificationDate(file1);
var time2 = DWfile.getModificationDate(file2);
if (time1 == time2){
    alert("file1 and file2 were saved at the same time");
} else if (time1 < time2){
    alert("file1 older than file2");
} else{
    alert("file1 is newer than file2");
}
```

**DWfile.getCreationDate()****Availability**

Dreamweaver 4.

**Description**

This function gets the time when the file was created.

**Arguments***fileURL*

- The *fileURL* argument, which is expressed as a file:// URL, is the file for which you are checking the creation time.

**Returns**

A string that contains a hexadecimal number that represents the number of time units that have elapsed since some base time. The exact meaning of time units and base time is platform-dependent; in Windows, for example, a time unit is 100ns, and the base time is January 1st, 1600.

**Example**

You can call this function and the `DWfile.getModificationDate()` function on a file to compare the modification date to the creation date:

```
var file1 = "file:///c|/temp/file1.txt";
var time1 = DWfile.getCreationDate(file1);
var time2 = DWfile.getModificationDate(file1);
if (time1 == time2){
    alert("file1 has not been modified since it was created");
} else if (time1 < time2){
    alert("file1 was last modified on " + time2);
}
```

## DWfile.getCreationDateObj()

### Availability

Dreamweaver MX.

### Description

This function gets the JavaScript object that represents the time when the file was created.

### Arguments

*fileURL*

- The *fileURL* argument, which is expressed as a file:// URL, is the file for which you are checking the creation time.

### Returns

A JavaScript `Date` object that represents the date and time when the specified file was created.

## DWfile.getModificationDateObj()

### Availability

Dreamweaver MX.

### Description

This function gets the JavaScript `Date` object that represents the time when the file was last modified.

### Arguments

*fileURL*

- The *fileURL* argument, which is expressed as a file:// URL, is the file for which you are checking the time of the most recent modification.

### Returns

A JavaScript `Date` object that represents the date and time when the specified file was last modified.

## DWfile.getSize()

### Availability

Dreamweaver MX.

**Description**

This function gets the size of a specified file.

**Arguments**

*fileURL*

- The *fileURL* argument, which is expressed as a file:// URL, is the file for which you are checking the size.

**Returns**

An integer that represents the actual size, in bytes, of the specified file.

## DWfile.listFolder()

**Availability**

Dreamweaver 2.

**Description**

This function gets a list of the contents of the specified folder.

**Arguments**

*folderURL, {constraint}*

- The *folderURL* argument is the folder for which you want a contents list, which is expressed as a file:// URL, plus an optional wildcard file mask. Valid wildcards are asterisks (\*), which match one or more characters, and question marks (?), which match a single character.
- The *constraint* argument, if it is supplied, must be either "files" (return only files) or "directories" (return only folders). If it is omitted, the function returns files and folders.

**Returns**

An array of strings that represents the contents of the folder.

**Example**

The following code gets a list of all the text (TXT) files in the C:/temp folder and displays the list in an alert message:

```
var folderURL = "file:///c|/temp";
var fileMask = "*.txt";
var list = DWfile.listFolder(folderURL + "/" + fileMask, "files");
if (list){
    alert(folderURL + " contains: " + list.join("\n"));
}
```

## DWfile.read()

**Availability**

Dreamweaver 2.

**Description**

This function reads the contents of the specified file into a string.

**Arguments***fileURL*

- The *fileURL* argument, which is expressed as a file:// URL, is the file you want to read.

**Returns**

A string that contains the contents of the file or a `null` value if the read fails.

**Example**

The following code reads the mydata.txt file and, if it is successful, displays an alert message with the contents of the file:

```
var fileURL = "file:///c|/temp/mydata.txt";
var str = DWfile.read(fileURL);
if (str) {
    alert(fileURL + " contains: " + str);
}
```

**DWfile.remove()****Availability**

Dreamweaver 3.

**Description**

This function deletes the specified file.

**Arguments***fileURL*

- The *fileURL* argument, which is expressed as a file:// URL, is the file you want to remove.

**Returns**

A Boolean value: `true` value if the operation succeeds; `false` otherwise.

**Example**

The following example uses the `DWfile.getAttributes()` function to determine whether the file is read-only and the `confirm()` function to display a Yes/No dialog box to the user:

```
function deleteFile(){
    var delAnyway = false;
    var selIndex = document.theForm.menu.selectedIndex;
    var selfile = document.theForm.menu.options[selIndex].value;
    if (DWfile.getAttributes(selfile).indexOf('R') != -1){
        delAnyway = confirm('This file is read-only. Delete anyway?');
        if (delAnyway){
            DWfile.remove(selfile);
        }
    }
}
```

## DWfile.setAttributes()

### Availability

Dreamweaver MX.

### Description

This function sets the system-level attributes of a particular file.

### Arguments

*fileURL, strAttrs*

- The *fileURL* argument, which is expressed as a file:// URL, identifies the file for which you are setting the attributes.
- The *strAttrs* argument specifies the system-level attributes for the file that is identified by the *fileURL* argument. The following table describes valid attribute values and their meaning:

Attribute Value	Description
R	Read only
W	Writable (overrides R)
H	Hidden
V	Visible (overrides H)

Acceptable values for the *strAttrs* string are R, W, H, V, RH, RV, WH, or WV.

You should not use R and W together because they are mutually exclusive. If you combine them, R becomes meaningless, and the file is set as writable (w). You should not use H and V together because they are also mutually exclusive. If you combine them, H becomes meaningless, and the file is set as visible (v).

If you specify H or V without specifying an R or W read/write attribute, the existing read/write attribute for the file is not changed. Likewise, if you specify R or W, without specifying an H or V visibility attribute, the existing visibility attribute for the file is not changed.

### Returns

Nothing.

## DWfile.write()

### Availability

Dreamweaver 2.

### Description

This function writes the specified string to the specified file. If the specified file does not yet exist, it is created.

### Arguments

*fileURL, text, {mode}*

- The *fileURL* argument, which is expressed as a file://URL, is the file to which you are writing.

*Note:* If the path contains spaces, this function will not write files.

- The `text` argument indicates the string the function has to write.
- The `mode` argument, if it is supplied, must be `append`. If this argument is omitted, the string overwrites the contents of the file.

**Returns**

A Boolean value: `true` if the string is successfully written to the file; `false` otherwise.

**Example**

The following code attempts to write the string `xxx` to the `mydata.txt` file and displays an alert message if the write operation succeeds. It then tries to append the string `aaa` to the file and displays a second alert if the write operation succeeds. After executing this script, the `mydata.txt` file contains the text `xxxxaa` and nothing else.

```
var fileURL = "file:///c|/temp/mydata.txt";
if (DWfile.write(fileURL, "xxx")){
    alert("Wrote xxx to " + fileURL);
}
if (DWfile.write(fileURL, "aaa", "append")){
    alert("Appended aaa to " + fileURL);
}
```

# Chapter 3: The HTTP API

Extensions are not limited to working in the local file system. Adobe® Dreamweaver® provides a mechanism to get information from and send information to a web server by using hypertext transfer protocol (HTTP). The chapter describes the HTTP API and how to use it.

## How the HTTP API works

All functions in the HTTP API are methods of the `MMHttp` object. Most of these functions take a URL as an argument, and most return an object. The default port for URL arguments is 80. To specify a port other than 80, append a colon and the port number to the URL, as shown in the following example:

```
MMHttp.getText ("http://www.myserver.com:8025");
```

For functions that return an object, the object has two properties: `statusCode` and `data`.

The `statusCode` property indicates the status of the operation; possible values include, but are not limited to, the following values:

- 200: Status OK
- 400: Unintelligible request
- 404: Requested URL not found
- 405: Server does not support requested method
- 500: Unknown server error
- 503: Server capacity reached

For a comprehensive list of status codes for your server, check with your Internet service provider or system administrator.

The value of the `data` property varies according to the function; possible values are specified in the individual function listings.

Functions that return an object also have a callback version. Callback functions let other functions execute while the web server processes an HTTP request. This capability is useful if you are making multiple HTTP requests from Dreamweaver. The callback version of a function passes its ID and return value directly to the function that is specified as its first argument.

## The HTTP API

This section details the functions that are methods of the `MMHttp` object.

### **MMHttp.clearServerScriptsFolder()**

#### **Availability**

Dreamweaver MX.

**Description**

Deletes the \_mmServerScripts folder—and all its files—under the root folder for the current site, which can be local or remote. The \_mmServerScripts folder is located in Configuration/Connections/Scripts/*server-model*/\_mmDBScripts folder.

**Arguments**

*serverScriptsfolder*

- The *serverScriptsfolder* argument is a string that names a particular folder, relative to the Configuration folder on the application server, from which you want to retrieve and clear server scripts.

**Returns**

An object that represents the reply from the server. The `data` property of this object is a string that contains the contents of the deleted scripts. If an error occurs, Dreamweaver reports it in the `statusCode` property of the returned object.

**Example**

The following code, in a menu command file inside the Configuration/Menus folder, removes all the files from the \_mmServerScripts folder when it is called from a menu:

```
<!-- MENU-LOCATION=NONE -->
<html>
<head>
<TITLE>Clear Server Scripts</TITLE>
<SCRIPT SRC="ClearServerScripts.js"></SCRIPT>
<SCRIPT LANGUAGE="javascript">
</SCRIPT>
<body onLoad="MMHttp.clearServerScriptsFolder()">
</body>
</html>
```

## MMHttp.clearTemp()

**Description**

This function deletes all the files in the Configuration/Temp folder, which is located in the Dreamweaver application folder.

**Arguments**

None.

**Returns**

Nothing.

**Example**

The following code, when saved in a file within the Configuration/Shutdown folder, removes all the files from the Configuration/Temp folder when the user quits Dreamweaver:

```
<html>
<head>
<title>Clean Up Temp Files on Shutdown</title>
</head>
<body onLoad="MMHttp.clearTemp () ">
</body>
</html>
```

## MMHttp.getFile()

### Description

This function gets the file at the specified URL and saves it in the Configuration/Temp folder, which is located in the Dreamweaver application folder. Dreamweaver automatically creates subfolders that mimic the folder structure of the server; for example, if the specified file is at www.dreamcentral.com/people/index.html, Dreamweaver stores the index.html file in the People folder inside the www.dreamcentral.com folder.

### Arguments

*URL*, *{prompt}*, *{saveURL}*, *{titleBarLabel}*

- The *URL* argument is an absolute URL on a web server; if http:// is omitted from the URL, Dreamweaver assumes HTTP protocol.
- The *prompt* argument, which is optional, is a Boolean value that specifies whether to prompt the user to save the file. If *saveURL* is outside the Configuration/Temp folder, a *prompt* value of `false` is ignored for security reasons.
- The *saveURL* argument, which is optional, is the location on the user's hard disk where the file should be saved, which is expressed as a file:// URL. If *prompt* is a `true` value or *saveURL* is outside the Configuration/Temp folder, the user can override *saveURL* in the Save dialog box.
- The *titleBarLabel* argument, which is optional, is the label that should appear in the title bar of the Save dialog box.

### Returns

An object that represents the reply from the server. The `data` property of this object is a string that contains the location where the file is saved, which is expressed as a file:// URL. Normally, the `statusCode` property of the object contains the status code that is received from the server. However, if a disk error occurs while Dreamweaver is saving the file on the local drive, the `statusCode` property contains an integer that represents one of the following error codes if the operation is not successful:

- 1: Unspecified error
- 2: File not found
- 3: Invalid path
- 4: Number of open files limit reached
- 5: Access denied
- 6: Invalid file handle
- 7: Cannot remove current working folder
- 8: No more folder entries
- 9: Error setting file pointer
- 10: Hardware error
- 11: Sharing violation

- 12: Lock violation
- 13: Disk full
- 14: End of file reached

### Example

The following code gets an HTML file, saves all the files in the Configuration/Temp folder, and then opens the local copy of the HTML file in a browser:

```
var httpReply = MMHttp.getFile("http://www.dreamcentral.com/people/profiles/scott.html",
false);
if (Boolean == 200){
    var saveLoc = httpReply.data;
    dw.browseDocument(saveLoc);
}
```

## MMHttp.getFileCallback()

### Description

This function gets the file at the specified URL, saves it in the Configuration/Temp folder inside the Dreamweaver application folder, and then calls the specified function with the request ID and reply result. When saving the file locally, Dreamweaver automatically creates subfolders that mimic the folder structure of the server; for example, if the specified file is at www.dreamcentral.com/people/index.html, Dreamweaver stores the index.html file in the People folder inside the www.dreamcentral.com folder.

### Arguments

*callbackFunction, URL, {prompt}, {saveURL}, {titleBarLabel}*

- The *callbackFunction* argument is the name of the JavaScript function to call when the HTTP request is complete.
- The *URL* argument is an absolute URL on a web server; if http:// is omitted from the URL, Dreamweaver assumes HTTP protocol.
- The *prompt* argument, which is optional, is a Boolean value that specifies whether to prompt the user to save the file. If *saveURL* argument specifies a location outside the Configuration/Temp folder, a *prompt* value of `false` is ignored for security reasons.
- The *saveURL* argument, which is optional, is the location on the user's hard disk where the file should be saved, which is expressed as a file:// URL. If *prompt* is a `true` value or *saveURL* is outside the Configuration/Temp folder, the user can override *saveURL* in the Save dialog box.
- The *titleBarLabel* argument, which is optional, is the label that should appear in the title bar of the Save dialog box.

### Returns

An object that represents the reply from the server. The `data` property of this object is a string that contains the location where the file was saved, which is expressed as a file:// URL. Normally the `statusCode` property of the object contains the status code that is received from the server. However, if a disk error occurs while Dreamweaver is saving the file on the local drive, the `statusCode` property contains an integer that represents an error code. See “[MMHttp.getFile\(\)](#)” on page 16 for a list of possible error codes.

## MMHttp.getText()

### Availability

Dreamweaver UltraDev 4, enhanced in Dreamweaver MX.

### Description

Retrieves the contents of the document at the specified URL.

### Arguments

*URL, {serverScriptsFolder}*

- The *URL* argument is an absolute URL on a web server. If http:// is omitted from the URL, Dreamweaver assumes HTTP protocol.
- The *serverScriptsFolder* argument is an optional string that names a particular folder—relative to the Configuration folder on the application server—from which you want to retrieve server scripts. To retrieve the scripts, Dreamweaver uses the appropriate transfer protocol (such as FTP, WebDAV, or Remote File System). Dreamweaver copies these files to the \_mmServerScripts subfolder under the root folder for the current site.

If an error occurs, Dreamweaver reports it in the `statusCode` property of the returned object.

## MMHttp.getTextCallback()

### Availability

Dreamweaver UltraDev 4, enhanced in Dreamweaver MX.

### Description

Retrieves the contents of the document at the specified URL and passes it to the specified function.

### Arguments

*callbackFunc, URL, {serverScriptsFolder}*

- The *callbackFunc* argument is the JavaScript function to call when the HTTP request is complete.
- The *URL* argument is an absolute URL on a web server; if http:// is omitted from the URL, Dreamweaver assumes HTTP protocol.
- The *serverScriptsFolder* argument is an optional string that names a particular folder—relative to the Configuration folder on the application server—from which you want to retrieve server scripts. To retrieve the scripts, Dreamweaver uses the appropriate transfer protocol (such as FTP, WebDAV, or Remote File System). Dreamweaver retrieves these files and passes them to the function that *callbackFunc* identifies.

If an error occurs, Dreamweaver MX reports it in the `statusCode` property of the returned object.

## MMHttp.postText()

### Availability

Dreamweaver UltraDev 4, enhanced in Dreamweaver MX.

## Description

Performs an HTTP post of the specified data to the specified URL. Typically, the data associated with a post operation is form-encoded text, but it could be any type of data that the server expects to receive.

## Arguments

*URL, dataToPost, {contentType}, {serverScriptsFolder}*

- The *URL* argument is an absolute URL on a web server; if http:// is omitted from the URL, Dreamweaver assumes HTTP protocol.
- The *dataToPost* argument is the data to post. If the third argument is "application/x-www-form-urlencoded" or omitted, *dataToPost* must be form-encoded according to section 8.2.1 of the RFC 1866 specification (available at [www.faqs.org/rfcs/rfc1866.html](http://www.faqs.org/rfcs/rfc1866.html)).
- The *contentType* argument, which is optional, is the content type of the data to post. If omitted, this argument defaults to "application/x-www-form-urlencoded".
- The *serverScriptsFolder* argument is an optional string that names a particular folder—relative to the Configuration folder on the application server—to which you want to post the data. To post the data, Dreamweaver uses the appropriate transfer protocol (such as FTP, WebDAV, or Remote File System).

If an error occurs, Dreamweaver reports it in the `statusCode` property of the returned object.

## Example

In the following example of an `MMHttp.postText()` function call, assume that a developer has placed the `myScripts.cfm` file in a folder named `DeployScripts`, which is located in the Configuration folder on the local computer:

```
MMHttp.postText(  
    "http://ultraqa8/DeployScripts/myScripts.cfm",  
    "arg1=Foo",  
    "application/x-www-form-urlencoded",  
    "Configuration/DeployScripts/"  
)
```

When Dreamweaver executes this function call, the following sequence occurs:

- 1 The `myScripts.cfm` file in the Configuration/`DeployScripts` folder on the local computer is copied to another folder named `DeployScripts`, which is a subfolder of the root folder on the `ultraqa8` website. To deploy the files, Dreamweaver uses the protocol specified in the site configuration properties.
- 2 Dreamweaver uses HTTP protocol to post the `arg1=Foo` data to the web server.
- 3 As a result of the post request, the web server on `ultraqa8` executes the `myScripts.cfm` script using the `arg1` data.

## MMHttp.postTextCallback()

### Availability

Dreamweaver UltraDev 4, enhanced in Dreamweaver MX.

## Description

Performs an HTTP post of the text to the specified URL and passes the reply from the server to the specified function. Typically, the data associated with a post operation is form-encoded text, but it could be any type of data that the server expects to receive.

## Arguments

*callbackFunc, URL, dataToPost, {contentType}, {serverScriptsFolder}*

- The *callbackFunc* argument is the name of the JavaScript function to call when the HTTP request is complete.
- The *URL* argument is an absolute URL on a web server; if http:// is omitted from the URL, Dreamweaver assumes HTTP protocol.
- The *dataToPost* argument is the data to be posted. If the third argument is "application/x-www-form-urlencoded" or omitted, data must be form-encoded according to section 8.2.1 of the RFC 1866 specification (available at [www.faqs.org/rfcs/rfc1866.html](http://www.faqs.org/rfcs/rfc1866.html)).
- The *contentType* argument, which is optional, is the content type of the data to be posted. If omitted, this argument defaults to "application/x-www-form-urlencoded".
- The *serverScriptsFolder* argument is an optional string. It names a particular folder, relative to the Configuration folder on the application server—to which you want to post the data. To post the data, Dreamweaver uses the appropriate transfer protocol (such as FTP, WebDAV, or Remote File System). Dreamweaver retrieves these data and passes them to the function identified by *callbackFunc*.

If an error occurs, Dreamweaver reports it in the `statusCode` property of the returned object.

# Chapter 4: The Design Notes API

Adobe® Dreamweaver®, Adobe® Fireworks®, and Adobe® Flash® give web designers and developers a way to store and retrieve extra information about documents. The information is stored in files that are called Design Notes. It gives extra information about documents like review comments, change notes, or the source file for a GIF or JPEG.

For more information about using the Design Notes feature from within Dreamweaver, see *Using Dreamweaver*.

## How Design Notes work

Each Design Notes file stores information for a single document. If one or more documents in a folder has an associated Design Notes file, Dreamweaver creates a \_notes subfolder where Design Notes files can be stored. The \_notes folder and the Design Notes files that it contains are not visible in the Site panel, but they appear in the Finder (Macintosh) or Windows Explorer. A Design Notes filename comprises the main filename plus the .mno extension. For example, the Design Notes file that is associated with avocado8.gif is avocado8.gif.mno.

Design Notes files are XML files that store information in a series of key/value pairs. The key describes the type of information that is being stored, and the value represents the information. Keys are limited to 64 characters.

The following example shows the Design Notes file for foghorn.gif.mno:

```
<?xml version="1.0" encoding="iso-8859-1" ?>
<info>
  <infoitem key="FW_source" value="file:///C|sites/dreamcentral/images/sourceFiles/-
    foghorn.png" />
  <infoitem key="Author" value="Heidi B." />
  <infoitem key="Status" value="Final draft, approved by Jay L." />
</info>
```

## The Design Notes JavaScript API

All functions in the Design Notes JavaScript API are methods of the MMNotes object. MMNotes is a C shared library that lets extensions authors read and write Design Notes files. As with the DWfile shared library, MMNotes has a JavaScript API that lets you call the functions. The functions are called from objects, commands, behaviors, floating panels, Property inspectors, and data translators in the library. The MMNotes shared library can be used independently, even if Dreamweaver is not installed.

### **MMNotes.close()**

#### Description

This function closes the specified Design Notes file and saves any changes. If all the key/value pairs are removed, Dreamweaver deletes the Design Notes file. If it is the last Design Notes file in the \_notes folder, Dreamweaver deletes the folder also.

**Note:** Always call the `MMNotes.close()` function when you finish with Design Notes so Dreamweaver writes to the file.

### Arguments

*fileHandle*

- The *fileHandle* argument is the file handle that the `MMNotes.open()` function returns.

### Returns

Nothing.

### Example

See “[MMNotes.set\(\)](#)” on page 26.

## MMNotes.filePathToLocalURL()

### Description

This function converts the specified local drive path to a file:// URL.

### Arguments

*drivePath*

- The *drivePath* argument is a string that contains the full drive path.

### Returns

A string that contains the file:// URL for the specified file.

### Example

A call to `MMNotes.filePathToLocalURL('C:\sites\webdev\index.htm')` returns "file:///c|/sites/webdev/index.htm".

## MMNotes.get()

### Description

This function gets the value of the specified key in the specified Design Notes file.

### Arguments

*fileHandle, keyName*

- The *fileHandle* argument is the file handle that `MMNotes.open()` returns.
- The *keyName* argument is a string that contains the name of the key.

### Returns

A string that contains the value of the key.

### Example

See “[MMNotes.getKeys\(\)](#)” on page 23.

## MMNotes.getKeyCount()

### Description

This function gets the number of key/value pairs in the specified Design Notes file.

### Arguments

*fileHandle*

- The *fileHandle* argument is the file handle that the `MMNotes.open()` function returns.

### Returns

An integer that represents the number of key/value pairs in the Design Notes file.

## MMNotes.getKeys()

### Description

This function gets a list of all the keys in a Design Notes file.

### Arguments

*fileHandle*

- The *fileHandle* argument is the file handle that the `MMNotes.open()` function returns.

### Returns

An array of strings where each string contains the name of a key.

### Example

The following code might be used in a custom floating panel to display the Design Notes information for the active document:

```
var noteHandle = MMNotes.open(dw.getDocumentDOM().URL);
var theKeys = MMNotes.getKeys(noteHandle);
var noteString = "";
var theValue = "";
for (var i=0; i < theKeys.length; i++) {
    theValue = MMNotes.get(noteHandle,theKeys[i]);
    noteString += theKeys[i] + " = " + theValue + "\n";
}
document.theForm.bigTextField.value = noteString;
// always close noteHandle
MMNotes.close(noteHandle);
```

## MMNotes.getSiteRootForFile()

### Description

This function determines the site root for the specified Design Notes file.

### Arguments

*fileURL*

- The *fileURL* argument, which is expressed as a file:// URL, is the path to a local file.

### Returns

A string that contains the path of the Local Root folder for the site, which is expressed as a file:// URL, or an empty string if Dreamweaver is not installed or the Design Notes file is outside any site that is defined with Dreamweaver. This function searches for all the sites that are defined in Dreamweaver.

## MMNotes.getVersionName()

### Description

This function gets the version name of the MMNotes shared library, which indicates the application that implemented it.

### Arguments

None.

### Returns

A string that contains the name of the application that implemented the MMNotes shared library.

### Example

Calling the `MMNotes.getVersionName()` function from a Dreamweaver command, object, behavior, Property inspector, floating panel, or data translator returns "Dreamweaver". Calling the `MMNotes.getVersionName()` function from Fireworks also returns "Dreamweaver" because Fireworks uses the same version of the library, which was created by the Dreamweaver engineering team.

## MMNotes.getVersionNum()

### Description

This function gets the version number of the MMNotes shared library.

### Arguments

None.

### Returns

A string that contains the version number.

## MMNotes.localURLToFilePath()

### Description

This function converts the specified file:// URL to a local drive path.

**Arguments***fileURL*

- The *fileURL* argument, which is expressed as a file:// URL, is the path to a local file.

**Returns**

A string that contains the local drive path for the specified file.

**Example**

A call to `MMNotes.localURLToFilePath('file:///MacintoshHD/images/moon.gif')` returns "MacintoshHD:images:moon.gif".

## MMNotes.open()

**Description**

This function opens the Design Notes file that is associated with the specified file or creates one if none exists.

**Arguments***filePath, {bForceCreate}*

- The *filePath* argument, which is expressed as a file:// URL, is the path to the main file with which the Design Notes file is associated.
- The *bForceCreate* argument is a Boolean value that indicates whether to create the note even if Design Notes is turned off for the site or if the *filePath* argument is not associated with any site.

**Returns**

The file handle for the Design Notes file or 0 if the file was not opened or created.

**Example**

See "[MMNotes.set\(\)](#)" on page 26.

## MMNotes.remove()

**Description**

The function removes the specified key (and its value) from the specified Design Notes file.

**Arguments***fileHandle, keyName*

- The *fileHandle* argument is the file handle that the `MMNotes.open()` function returns.
- The *keyName* argument is a string that contains the name of the key to remove.

**Returns**

A Boolean value: `true` indicates the operation is successful; `false` otherwise.

## MMNotes.set()

### Description

This function creates or updates one key/value pair in a Design Notes file.

### Arguments

*fileHandle, keyName, valueString*

- The *fileHandle* argument is the file handle that the `MMNotes.open()` function returns.
- The *keyName* argument is a string that contains the name of the key.
- The *valueString* argument is a string that contains the value.

### Returns

A Boolean value: `true` indicates the operation is successful; `false` otherwise.

### Example

The following example opens the Design Notes file that is associated with a file in the dreamcentral site called `peakhike99/index.html`, adds a new key/value pair, changes the value of an existing key, and then closes the Design Notes file:

```
var noteHandle = MMNotes.open('file:///c|/sites/dreamcentral/peakhike99/  
index.html',true);  
if(noteHandle > 0){  
    MMNotes.set(noteHandle,"Author","M. G. Miller");  
    MMNotes.set(noteHandle,"Last Changed","August 28, 1999");  
    MMNotes.close(noteHandle);  
}
```

## The Design Notes C API

In addition to the JavaScript API, the MMNotes shared library also exposes a C API that lets other applications create Design Notes files. It is not necessary to call these C functions directly if you use the MMNotes shared library in Dreamweaver because the JavaScript versions of the functions call them.

This section contains descriptions of the functions, their arguments, and their return values. You can find definitions for the functions and data types in the `MMInfo.h` file in the `Extending/c_files` folder inside the Dreamweaver application folder.

## void CloseNotesFile()

### Description

This function closes the specified Design Notes file and saves any changes. If all key/value pairs are removed from the Design Note file, Dreamweaver deletes it. Dreamweaver deletes the `_notes` folder when the last Design Notes file is deleted.

**Arguments***noteHandle*

- The *noteHandle* argument is the file handle that the `OpenNotesFile()` function returns.

**Returns**

Nothing.

**BOOL FilePathToLocalURL()****Description**

This function converts the specified local drive path to a file:// URL.

**Arguments**`const char* drivePath, char* localURLBuf, int localURLMaxLen`

- The *drivePath* argument is a string that contains the full drive path.
- The *localURLBuf* argument is the buffer where the file:// URL is stored.
- The *localURLMaxLen* argument is the maximum size of *localURLBuf*.

**Returns**

A Boolean value: `true` indicates the operation is successful; `false` otherwise. The *localURLBuf* argument receives the file:// URL value.

**BOOL GetNote()****Description**

This function gets the value of the specified key in the specified Design Notes file.

**Arguments**`FileHandle noteHandle, const char keyName[64], char* valueBuf, int valueBufLength`

- The *noteHandle* argument is the file handle that the `OpenNotesFile()` function returns.
- The *keyName[64]* argument is a string that contains the name of the key.
- The *valueBuf* argument is the buffer where the value is stored.
- The *valueBufLength* argument is the integer that `GetNoteLength(noteHandle, keyName)` returns, which indicates the maximum length of the value buffer.

**Returns**

A Boolean value: `true` indicates the operation is successful; `false` otherwise. The *valueBuf* argument receives the value of the key.

**Example**

The following code gets the value of the `comments` key in the Design Notes file that is associated with the `welcome.html` file:

```
FileHandle noteHandle = OpenNotesFile("file:///c|/sites/avocado8/iwjs/welcome.html");
if(noteHandle > 0) {
    int valueLength = GetNoteLength( noteHandle, "comments");
    char* valueBuffer = new char[valueLength + 1];
    GetNote(noteHandle, "comments", valueBuffer, valueLength + 1);
    printf("Comments: %s",valueBuffer);
    CloseNotesFile(noteHandle);
}
```

## int GetNoteLength()

### Description

This function gets the length of the value that is associated with the specified key.

### Arguments

FileHandle *noteHandle*, const char *keyName[64]*

- The *noteHandle* argument is the file handle that the `OpenNotesFile()` function returns.
- The *keyName[64]* argument is a string that contains the name of the key.

### Returns

An integer that represents the length of the value.

### Example

See “[BOOL GetNote\(\)](#)” on page 27.

## int GetNotesKeyCount()

### Description

This function gets the number of key/value pairs in the specified Design Notes file.

### Arguments

FileHandle *noteHandle*

- The *noteHandle* argument is the file handle that the `OpenNotesFile()` function returns.

### Returns

An integer that represents the number of key/value pairs in the Design Notes file.

## BOOL GetNotesKeys()

### Description

This function gets a list of all the keys in a Design Notes file.

### Arguments

FileHandle *noteHandle*, char\* *keyBufArray[64]*, int *keyArrayMaxLen*

- The *noteHandle* argument is the file handle that `OpenNotesFile()` returns.

- The *keyBufArray[64]* argument is the buffer array where the keys are stored.
- The *keyArrayMaxLen* argument is the integer that `GetNotesKeyCount (noteHandle)` returns, indicating the maximum number of items in the key buffer array.

### Returns

A Boolean value: `true` indicates the operation is successful; `false` otherwise. The *keyBufArray* argument receives the key names.

### Example

The following code prints the key names and values of all the keys in the Design Notes file that are associated with the `welcome.html` file:

```
typedef char[64] InfoKey;
FileHandle noteHandle = OpenNotesFile("file:///c|/sites/avocado8/iwjs/welcome.html");
if (noteHandle > 0){
    int keyCount = GetNotesKeyCount(noteHandle);
    if (keyCount <= 0)
        return;
    InfoKey* keys = new InfoKey[keyCount];
    BOOL succeeded = GetNotesKeys(noteHandle, keys, keyCount);
    if (succeeded) {
        for (int i=0; i < keyCount; i++){
            printf("Key is: %s\n", keys[i]);
            printf("Value is: %s\n\n", GetNote(noteHandle, keys[i]));
        }
    }
    delete []keys;
}
CloseNotesFile(noteHandle);
```

## BOOL GetSiteRootForFile()

### Description

This function determines the site root for the specified Design Notes file.

### Arguments

```
const char*filePath, char*siteRootBuf, intsiteRootBufMaxLen, {InfoPrefs* infoPrefs}
```

- The *filePath* argument is the file://URL of the file for which you want the site root.
- The *siteRootBuf* argument is the buffer where the site root is stored.
- The *siteRootBufMaxLen* argument is the maximum size of the buffer that *siteRootBuf* references.
- The *infoPrefs* argument, which is optional, is a reference to a `struct` in which the preferences for the site are stored.

### Returns

A Boolean value: `true` indicates the operation is successful; `false` otherwise. The *siteRootBuf* argument receives the address of the buffer that stores the site root. If you specify the *infoPrefs* argument, the function also returns the Design Notes preferences for the site. The `InfoPrefs` struct has two variables: `bUseDesignNotes` and `bUploadDesignNotes`, both of type `BOOL`.

## BOOL GetVersionName()

### Description

This function gets the version name of the MMNotes shared library, which indicates the application that implemented it.

### Arguments

char\* *versionNameBuf*, int *versionNameBufMaxLen*

- The *versionNameBuf* argument is the buffer where the version name is stored.
- The *versionNameBufMaxLen* argument is the maximum size of the buffer that the *versionNameBuf* argument references.

### Returns

A Boolean value: `true` indicates the operation is successful; `false` otherwise. Dreamweaver stores "Dreamweaver" in *versionNameBuf* argument.

## BOOL GetVersionNum()

### Description

This function gets the version number of the MMNotes shared library, which lets you determine whether certain functions are available.

### Arguments

char\* *versionNumBuf*, int *versionNumBufMaxLen*

- The *versionNumBuf* argument is the buffer where the version number is stored.
- The *versionNumBufMaxLen* argument is the maximum size of the buffer that *versionNumBuf* references.

### Returns

A Boolean value: `true` indicates the operation is successful; `false` otherwise. The *versionNumBuf* argument stores the version number.

## BOOL LocalURLToFilePath()

### Description

This function converts the specified file:// URL to a local drive path.

### Arguments

const char\* *localURL*, char\* *drivePathBuf*, int *drivePathMaxLen*

- The *localURL* argument, which is expressed as a file:// URL, is the path to a local file.
- The *drivePathBuf* argument is the buffer where the local drive path is stored.
- The *drivePathMaxLen* argument is the maximum size of the buffer that the *drivePathBuf* argument references.

**Returns**

A Boolean value: `true` indicates the operation is successful; `false` otherwise. The `drivePathBuf` argument receives the local drive path.

## FileHandle OpenNotesFile()

**Description**

This function opens the Design Notes file that is associated with the specified file or creates one if none exists.

**Arguments**

```
const char* localFileURL, {BOOL bForceCreate}
```

- The `localFileURL` argument, which is expressed as a file:// URL, is a string that contains the path to the main file with which the Design Notes file is associated.
- The `bForceCreate` argument is a Boolean value that indicates whether to create the Design Notes file even if Design Notes is turned off for the site or if the path specified by the `localFileURL` argument is not associated with any site.

## FileHandle OpenNotesFilewithOpenFlags()

**Description**

This function opens the Design Notes file that is associated with the specified file or creates one if none exists. You can open the file in read-only mode.

**Arguments**

```
const char* localFileURL, {BOOL bForceCreate}, {BOOL bReadOnly}
```

- The `localFileURL` argument, which is expressed as a file:// URL, is a string that contains the path to the main file with which the Design Notes file is associated.
- The `bForceCreate` argument is a Boolean value that indicates whether to create the Design Notes file even if Design Notes are turned off for the site or the path is not associated with any site. The default value is `false`. This argument is optional, but you need to specify it if you specify the third argument.
- The `bReadOnly` argument, which is optional, is a Boolean value that indicates whether to open the file in read-only mode. The default value is `false`. You can specify the `bReadOnly` argument starting in version 2 of the MMNotes.dll file.

## BOOL RemoveNote()

**Description**

This function removes the specified key (and its value) from the specified Design Notes file.

**Arguments**

```
FileHandle noteHandle, const char keyName[64]
```

- The `noteHandle` argument is the file handle that the `OpenNotesFile()` function returns.
- The `keyName[64]` argument is a string that contains the name of the key to remove.

### Returns

A Boolean value: `true` indicates the operation is successful; `false` otherwise.

## **BOOL SetNote()**

### Description

This function creates or updates one key/value pair in a Design Notes file.

### Arguments

*FileHandle noteHandle, const char keyName[64], const char\* value*

- The `noteHandle` argument is the file handle that the `OpenNotesFile()` function returns.
- The `keyName[64]` argument is a string that contains the name of the key.
- The `value` argument is a string that contains the value.

### Returns

A Boolean value: `true` indicates the operation is successful; `false` otherwise.

# Chapter 5: Fireworks integration

FWLaunch is a C shared library that lets authors of objects, commands, behaviors, and Property inspectors communicate with Adobe® Fireworks®. Using FWLaunch, you write JavaScript to open the Fireworks user interface and provide commands to Fireworks through its own JavaScript API documented in *Extending Fireworks*. For general information on how C libraries interact with the JavaScript interpreter in Adobe® Dreamweaver® CS5, and for details on C-level extensibility see *Extending Dreamweaver*.

## The FWLaunch API

The FWLaunch object lets extensions open Fireworks, perform Fireworks operations using the Fireworks JavaScript API, and then return values back to Dreamweaver. This chapter describes the FWLaunch Communication API and how to use it.

### **FWLaunch.bringDWToFront()**

#### **Availability**

Dreamweaver 3, Fireworks 3.

#### **Description**

This function brings Dreamweaver to the front.

#### **Arguments**

None.

#### **Returns**

Nothing.

### **FWLaunch.bringFWToFront()**

#### **Availability**

Dreamweaver 3, Fireworks 3.

#### **Description**

This function brings Fireworks to the front if it is running.

#### **Arguments**

None.

#### **Returns**

Nothing.

## **FWLaunch.execJsInFireworks()**

### **Availability**

Dreamweaver 3, Fireworks 3.

### **Description**

This function passes the specified JavaScript, or a reference to a JavaScript file, to Fireworks to execute.

### **Arguments**

`javascriptOrFileURL`

- The `javascriptOrFileURL` argument, which is expressed as a file:// URL, is either a string of literal JavaScript or the path to a JavaScript file.

### **Returns**

A cookie object if the JavaScript passes successfully or a nonzero error code that indicates one of the following errors occurred:

- Invalid usage, which indicates that the `javascriptOrFileURL` argument is specified as a `null` value or as an empty string, or the path to the JS or JSF file is invalid.
- File I/O error, which indicates that Fireworks cannot create a Response file because the disk is full.
- Error notifying Dreamweaver that the user is not running a valid version of Dreamweaver (version 3 or later).
- Error starting Fireworks process, which indicates that the function does not open a valid version of Fireworks (version 3 or later).
- User cancelled the operation.

## **FWLaunch.getJsResponse()**

### **Availability**

Dreamweaver 3, Fireworks 3.

### **Description**

This function determines whether Fireworks is still executing the JavaScript passed to it by the `FWLaunch.execJsInFireworks()` function, whether the script completed successfully, or whether an error occurred.

### **Arguments**

`progressTrackerCookie`

- The `progressTrackerCookie` argument is the cookie object that the `FWLaunch.execJsInFireworks()` function returns.

### **Returns**

A string that contains the result of the script passed to the `FWLaunch.execJsInFireworks()` function if the operation completes successfully, a `null` value if Fireworks is still executing the JavaScript, or a nonzero error code that indicates that one of the following errors occurred:

- Invalid usage, which indicates that a JavaScript error occurred while Fireworks executed the script.

- File I/O error, which indicates that Fireworks cannot create a Response file because the disk is full.
- Error notifying Dreamweaver that the user is not running a valid version of Dreamweaver (version 3 or later).
- Error starting Fireworks process, which indicates that the function does not open a valid version of Fireworks (version 3 or later).
- User cancelled the operation.

### Example

The following code passes the string "prompt('Please enter your name:')" to FWLaunch.execJsInFireworks() and checks for the result:

```
var progressCookie = FWLaunch.execJsInFireworks("prompt('Please enter your name:')");
var doneFlag = false;
while (!doneFlag){
    // check for completion every 1/2 second
    setTimeout('checkForCompletion()',500);
}
function checkForCompletion(){
    if (progressCookie != null) {
        var response = FWLaunch.getJsResponse(progressCookie);
        if (response != null) {
            if (typeof(response) == "number") {
                // error or user-cancel, time to close the window
                // and let the user know we got an error
                window.close();
                alert("An error occurred.");
            }else{
                // got a valid response!
                alert("Nice to meet you, " + response);
                window.close();
            }
            doneFlag = true;
        }
    }
}
```

## FWLaunch.mayLaunchFireworks()

### Availability

Dreamweaver 2, Fireworks 2.

### Description

This function determines whether it is possible to open a Fireworks optimization session.

### Arguments

None.

### Returns

A Boolean value that indicates whether the platform is Windows or Macintosh; if it is Macintosh, the value indicates if another Fireworks optimization session is already running.

## FWLaunch.optimizeInFireworks()

### Availability

Dreamweaver 2, Fireworks 2.

### Description

This function opens a Fireworks optimization session for the specified image.

### Arguments

*docURL*, *imageURL*, {*targetWidth*}, {*targetHeight*}

- The *docURL* argument is the path to the active document, which is expressed as a file:// URL.
- The *imageURL* argument is the path to the selected image. If the path is relative, it is relative to the path that you specify in the *docURL* argument.
- The *targetWidth* argument, which is optional, defines the width to which the image should be resized.
- The *targetHeight* argument, which is optional, defines the height to which the image should be resized.

### Returns

Zero, if a Fireworks optimization session successfully opens for the specified image; otherwise, a nonzero error code that indicates that one of the following errors occurred:

- Invalid usage, which indicates that the *docURL* argument, the *imageURL* argument, or both, are specified as a null value or an empty string.
- File I/O error, which indicates that Fireworks cannot create a response file because the disk is full.
- Error notifying Dreamweaver that the user is not running a valid version of Dreamweaver (version 2 or later).
- Error starting Fireworks process, which indicates that the function does not open a valid version of Fireworks (version 2 or later).
- User cancelled the operation.

## FWLaunch.validateFireworks()

### Availability

Dreamweaver 2, Fireworks 2.

### Description

This function looks for the specified version of Fireworks on the user's hard disk.

### Arguments

{*versionNumber*}

- The *versionNumber* argument is an optional floating-point number that is greater than or equal to 2; it represents the required version of Fireworks. If this argument is omitted, the default is 2.

### Returns

A Boolean value that indicates whether the specified version of Fireworks was found.

**Example**

The following code checks whether Fireworks is installed:

```
if (FWLaunch.validateFireworks(6.0)) {
    alert("Fireworks 6.0 or later is installed.");
} else{
    alert("Fireworks 6.0 is not installed.");
}
```

**A simple FWLaunch communication example**

The following command asks Fireworks to prompt the user for their name and returns the name to Dreamweaver:

```
<html>
<head>
<title>Prompt in Fireworks</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
<script>

function commandButtons() {
    return new Array("Prompt", "promptInFireworks()", "Cancel", "readyToCancel()", "Close", "window.close()");
}

var gCancelClicked = false;
var gProgressTrackerCookie = null;

function readyToCancel() {
    gCancelClicked = true;
}

function promptInFireworks() {
    var isFireworks3 = FWLaunch.validateFireworks(3.0);
    if (!isFireworks3) {
        alert("You must have Fireworks 3.0 or later to use this command");
        return;
    }

    // Tell Fireworks to execute the prompt() method.
    gProgressTrackerCookie = FWLaunch.execJsInFireworks("prompt('Please enter your name:')");

    // null means it wasn't launched, a number means an error code
    if (gProgressTrackerCookie == null || typeof(gProgressTrackerCookie) == "number") {
        window.close();
        alert("an error occurred");
        gProgressTrackerCookie = null;
    } else {
        // bring Fireworks to the front
        FWLaunch.bringFWToFront();
        // start the checking to see if Fireworks is done yet
        checkOneMoreTime();
    }
}
```

```
function checkOneMoreTime() {
    // Call checkJsResponse() every 1/2 second to see if Fireworks
    // is done yet
    window.setTimeout("checkJsResponse()", 500);
}

function checkJsResponse() {
    var response = null;

    // The user clicked the cancel button, close the window
    if (gCancelClicked) {
        window.close();
        alert("cancel clicked");
    } else {
        // We're still going, ask Fireworks how it's doing
        if (gProgressTrackerCookie != null)
            response = FWLaunch.getJsResponse(gProgressTrackerCookie);

        if (response == null) {
            // still waiting for a response, call us again in 1/2 a
            // second
            checkOneMoreTime();
        } else if (typeof(response) == "number") {
            // if the response was a number, it means an error occurred
            // the user cancelled in Fireworks
            window.close();
            alert("an error occurred.");
        } else {
            // got a valid response! This return value might not
            // always be a useful one, since not all functions in
            // Fireworks return a string, but we know this one does,
            // so we can show the user what we got.
            window.close();
            FWLaunch.bringDWToFront(); // bring Dreamweaver to the front
            alert("Nice to meet you, " + response + "!");
        }
    }
}
</script>
</head>
<body>
<form>
<table width="313" nowrap>
<tr>
<td>This command asks Fireworks to execute the prompt() function. When you click Prompt, Fireworks comes forward and asks you to enter a value into a dialog box. That value is then returned to Dreamweaver and displayed in an alert.</td>
</tr>
</table>
</form>
</body>
</html>
```

# Chapter 6: Flash integration

Adobe® Dreamweaver® provides support for the Flash Object API, which leverages the Flash Generator Template file to create new Flash objects. The Flash Objects API topic provides details for the creation of Flash objects (SWF files) from Flash Generator templates (SWT files).

For information about adding Flash content to Dreamweaver objects or commands, see *Extending Dreamweaver*.

## The Flash Objects API

The Flash Objects API lets extension developers build objects that create simple SWF files through Flash Generator. This API provides a way to set parameters in a Flash Generator template and output as a SWF file, or image file. The API lets you create new Flash objects as well as read and manipulate existing Flash objects.

The SWT file is a Flash Generator Template file, which contains all the information necessary for you to construct a Flash Object file. These API functions let you create a SWF file (or image file) from an SWT file. The SWF file is created by replacing the parameters of the SWT file with real values. For more information on Flash, see the Flash documentation. The following functions are methods of the `SWFFile` object.

### **SWFFile.createFile()**

#### Description

This function generates a new Flash Object file with the specified template and array of parameters. It also creates a GIF, PNG, JPEG, and MOV versions of the title if filenames for those formats are specified.

If you want to specify an optional parameter that follows optional parameters that you do not want to include, you need to specify empty strings for the unused parameters. For example, if you want to specify a PNG file, but not a GIF file, you need to specify an empty string before specifying the PNG filename.

#### Arguments

`templateFile, templateParams, swfFileName, {gifFileName}, {pngFileName}, {jpgFileName}, {movFileName}, {generatorParams}`

- The `templateFile` argument is a path to a template file, which is expressed as a file:// URL. This file can be a SWT file.
- The `templateParams` argument is an array of name/value pairs where the names are the parameters in the SWT file, and the values are what you want to specify for those parameters. For Dreamweaver to recognize a SWF file as a Flash object, the first parameter must be "dwType". Its value should be a string that represents the name of the object type, such as "Flash Text".
- The `swfFileName` argument, which is expressed as a file:// URL, is the output filename of an SWF file or an empty string to ignore.
- The `gifFileName` argument, which is expressed as a file:// URL, is the output filename of a GIF file. This argument is optional.
- The `pngFileName` argument, which is expressed as a file:// URL, is the output filename of a PNG file. This argument is optional.

- The *jpgFileName* argument, which is expressed as a file:// URL, is the output filename of a JPEG file. This argument is optional.
- The *movFileName* argument, which is expressed as a file:// URL, is the output filename of a QuickTime file. This argument is optional.
- The *generatorParams* argument is an array of strings that represents optional Generator command line flags. This argument is optional. Each flag's data items must follow it in the array. Some commonly used flags are listed in the following table:

Option Flag	Data	Description	Example
-defaultsize	Width, height	Sets the output image size to the specified width and height	"-defaultsize", "640", "480"
-exactFit	None	Stretches the contents in the output image to fit exactly into the specified output size	"-exactFit"

### Returns

A string that contains one of the following values:

- "noError" means the call completed successfully.
- "invalidTemplateFile" means the specified template file is invalid or not found.
- "invalidOutputFile" means at least one of the specified output filenames is invalid.
- "invalidData" means that one or more of the *templateParams* arguments' name/value pairs is invalid.
- "initGeneratorFailed" means the Generator cannot be initialized.
- "outOfMemory" means there is insufficient memory to complete the operation.
- "unknownError" means an unknown error occurred.

### Example

The following JavaScript creates a Flash object file of type "myType", which replaces any occurrences of the string "text" inside the Template file with the string, "Hello World". It creates a GIF file as well as a SWF file.

```
var params = new Array;
params[0] = "dwType";
params[1] = "myType";
params[2] = "text";
params[3] = "Hello World";
errorString = SWFFile.createFile( "file:///MyMac/test.swt", -
params, "file:///MyMac/test.swf", "file:///MyMac/test.gif");
```

## SWFFile.getNaturalSize()

### Description

This function returns the natural size of any uncompressed Flash content.

### Arguments

*fileName*

- The *fileName* argument, which is expressed as a file:// URL, is a path to the Flash content.

**Returns**

An array that contains two elements that represent the width and the height of an uncompressed SWF file or a `null` value if the file is not an uncompressed SWF file.

## **SWFFile.getObjectType()**

**Description**

This function returns the Flash object type; the value that passed in the `dwType` parameter when the `SWFFile.createFile()` function created the file.

**Arguments**

*fileName*

- The *fileName* argument, which is expressed as a file:// URL, is a path to a Flash Object file. This file is usually a SWF file.

**Returns**

A string that represents the object type, or `null` if the file is not a Flash Object file or if the file cannot be found.

**Example**

The following code checks to see if the test.swf file is a Flash object of type `myType`:

```
if ( SWFFile.getObjectType("file:///MyMac/test.swf") == "myType" ) {
    alert ("This is a myType object.");
} else{
    alert ("This is not a myType object.");
}
```

## **SWFFile.readFile()**

**Description**

This function reads a Flash Object file.

**Arguments**

*fileName*

- The *fileName* argument, which is expressed as a file:// URL, is a path to a Flash Object file.

**Returns**

An array of strings where the first array element is the full path to the template SWF file. The following strings represent the parameters (name/value pairs) for the object. Each name is followed in the array by its value. The first name/value pair is "dwType", followed by its value. The function returns a `null` value if the file cannot be found or if it is not a Flash Object file.

**Example**

Calling `var params = SWFFile.readFile("file:///MyMac/test.swf")` returns the following values in the parameters array:

```
"file:///MyMac/test.swf"      // template file used to create this .swf file
"dwType"                    // first parameter
"myType"                    // first parameter value
"text"                      // second parameter
>Hello World"               // second parameter value
```

## Flash panels and dialogs functions

The following APIs enable you to add SWF files in panels and dialogs.

### **dreamweaver.flash.newControl()**

#### Availability

Dreamweaver CS4.

#### Description

This function enables you to create a Flash control. It is referred to later through the *controlID* parameter. The control displays the Flash file (.swf) specified by the SWF path. The control is positioned and has the size specified in the *defaultGeometry* parameter.

**Note:** Dreamweaver displays the Flash controls when you call *flash.requestStateChange*. Dreamweaver displays the Dialog controls when you call *newControl*; you need not call *flash.requestStateChange*.

#### Arguments

*controlID*, *controlType*, *controlData*

- The *controlID* argument is a string value.
- The *controlType* argument specifies whether the panel is a standard extension ("standard"), a trusted standard extension ("trusted"), or a plus extension (any other value). If it is a plus extension, the value is an identifier known specially to the host application that indicates the type of custom integration required. If the application does not understand the custom integration type, it returns an error.
- The *controlData* is an object. Some of the following are the key properties of this argument:

Property	Description	Values
controlData.swfUTF8Path	Location of the SWF. This property is required and it is passed in as a string of Unicode characters, since all characters in JavaScript are in unicode.	The possible values for controlData.windowType <ul style="list-style-type: none"> <li>• PanelWindow. The table following this table lists the specifications for this value.</li> <li>• ModalDialogWindow</li> </ul>
{controlData.scriptPath}	Path to .js file that contains the functions to execute from .swf using External Interface call. This property is optional. If you want to call back into JavaScript code of Dreamweaver from the .swf file using an External Interface. You can provide a .js file containing functions that you can then call from the .swf file. For more information, see the dw.flash.executeScript call.	
controlData.defaultGeometry	The defaultGeometry values are represented as screen coordinates from the upper left of the screen. This property is required.  Object /*!< default creation geometry, including positioning */ { topleftx: Number, toplefty: Number, width: Number, height: Number }	

The following table lists the PanelWindow specifications:

Options	Type	Descriptions
name	String	The name of the panel that appears on the tab. If you don't specify it, it is named "UNDEFINED". All panel names appear in uppercase. You cannot change it to lowercase.
{controlData.minSize}	Object	<b>minSize</b> only applies to controls of type PanelWindow. This option controls the minimum size that the panel can be resized to. This option is optional. If <b>minSize</b> is not specified, it defaults to the width and height specified in <b>defaultGeometry</b> and the panel cannot be resized.  { width: Number, height: Number }
{controlData.maxSize}	Object	<b>maxSize</b> applies to controls of type PanelWindow only. This option is optional. This option controls the maximum size that the panel can be resized to. If <b>maxSize</b> is not specified, it defaults to the width and height specified in <b>defaultGeometry</b> and the panel cannot be resized..  { width: Number, height: Number }
{iconPathNormal}	String	Path to icon that must be used in the floating panel when the panel is collapsed in icon mode. This option is optional.
{iconPathRollOver}	String	Path to icon that must be used in the floating panel when the panel is collapsed in icon mode and the user rolls over it. This option is optional.
{iconPathDisable}	String	Path to icon that must be used in the floating panel when the panel is collapsed in icon mode and it is disabled. This option is optional.

## Returns

One of the following success or error codes:

- The code `PlugPlugErrorCode_success` indicates that creating the control succeeded.

- The code `PlugPlugErrorCode_extensionRegistrationFailed` indicates that you were unable to register the control.

## **dreamweaver.flash.requestStateChange()**

### **Availability**

Dreamweaver CS4.

### **Description**

This function changes the state of the floating panel identified by `uniqueID` for the extension with `extensionID`.

### **Arguments**

`controlID, stateChange, stateData`

- The `controlID` argument is a string value.
- The `stateChange` argument is a string with the following possible values:

<b>Value</b>	<b>Description</b>
Move	Change of origin but not the size
Resize	New size and possibly a new origin
Show	Visibility only, but no geometric changes
Hide	Visibility only, but no geometric changes
Minimize	Like hide, but explains why it is hidden
Restore	Like show, but explains why it is displayed
Open	The window is created and its extension is loaded
Close	The contained extension is unloaded

- The values of the `stateData` argument are strings as shown in the following table:

<b>Value of stateChange</b>	<b>Value of stateData</b>
Move	<code>eventData = { topleftx: Number, toplefty: Number }</code>
Resize	<code>eventData = { width: Number, height: Number }</code>

### **Returns**

The following table contains the return values, which are strings:

<b>Value</b>	<b>Description</b>
RequestPosted	An event or command to execute the request has been queued in the host application.
RequestComplete	The host application has successfully completed the request.
RequestFailed	The host application attempted to complete the request, but failed.
RequestDenied	The host application refused the request, typically because it doesn't support the action requested.

**Example**

```
controlData = {};
controlData.defaultGeometry = {topleftx : 100, toplefty : 100, width : 200, height : 200 };
controlData.minSize = {width : 100; height : 100 };
controlData.maxSize = {width : 300; height : 300 };
var swfPath = dw.getConfigurationPath();
swfPath += '/flash/PhotoAlbum.swf';
controlData.swfUTF8Path = swfPath;
// open the window
flash.requestStateChange("com.adobe.extension.foo", "Open", controlData.defaultGeometry);
```

**dreamweaver.flash.controlEvent()****Availability**

Dreamweaver CS4.

**Description**

This function is used to pass events to a flash control. Event calls are passed as an XML string that captures the function and the relevant parameters. The XML string captures the function in the SWF files that must be started.

**Arguments**

*inControlID, inXMLString*

- The *inControlID* argument is a string.
- The *inXMLString* argument is a string. Pass the following *inXMLString* to call the function in the flashCallback flash file and pass a single string, 'Hello' as an argument.

```
<invoke name="flashCallback" returntype="xml">
  <arguments>
    <string>Hello</string>
  </arguments>
</invoke>
```

**Returns**

Returns an XML string.

**Example**

The following example calls the `flashCallback` function from JavaScript. In this example, you pass the callback function name and its arguments as an XML string.

```
var xmlString = '<invoke name="flashCallback" returntype="xml">
<arguments>
<string>Hello</string>
</arguments>
</invoke>';
```

In this example, you use `dw.flash.controlEvent` to call back into the flash file (.swf):

```
dw.flash.controlEvent('Flickr', xmlString);
```

The following arguments are used in this function:

- `Flickr`, which is the ID of the extension that is passed in when the .swf control was created with `dw.flash.newControl`.

- The XML string containing call back function and arguments.

The following example is the implementation of the `flashcallback` function implemented in `flashcallback.mxml`. In the following example, add the `flashcallback` function. This function must be called from external applications.

```
public function initApp():void {  
    ExternalInterface.addCallback("flashCallback", flashCallback);  
}
```

This function is called back from outside the flash file(.swf).

**Note:** Ensure that you call the `ExternalInterface.addCallback ("flashCallback",flashCallback)` before trying to call this function.

```
public function flashCallback(inputStr:String):String  
{  
    out.text += inputStr + " got flashCallback!\n";  
    return "it worked!";  
}
```

## **dreamweaver.flash.setMenu()**

### **Availability**

Dreamweaver CS4.

### **Description**

This function enables you to provide Fly Out commands for extensions of type "PanelWindow".

### **Arguments**

`inControlID, inMenuPosition, inMenu`

- The `inControlID` is an extension ID. Calling the function affects the Fly Out menu of an open panel housing the extension. If this argument is undefined, the call affects the main menus of the application.
- The `inMenuPosition` is a string describing where the given commands must be placed.
  - If this string is undefined, an entire menu is replaced.
  - If this string is for a panel, the entire user-settable area of the Fly Out menu is replaced. (The application reserves some fixed flyout items.)
  - If this string is for the application, the entire default Controls submenu of the Windows menu is replaced.
  - If this string is an XML string in a to-be-determined schema for setting sections of menus, this form is provided for future compatibility.
- `inMenu` is equivalent to `MenuItem`. This argument indicates a list of commands, which are added at the indicated menu position. It replaces any previous items that are added at that position by an earlier call.

### **Returns**

One of the following success or error codes:

- The code `PlugPlugErrorCode_success` indicates success.
- The code `PlugPlugErrorCode_extensionMenuCreationFailed` indicates that the extension menu creation failed.
- The code `PlugPlugErrorCode_unknown` indicates that the function failed for unknown reasons.

**Example**

The following example is used for setting up the menu:

```
function initializeMenuItem(menuID, menuName, extensionID, submenu)
{
    var menuItem = {};
    menuItem.menuId = menuID; //!< unique menu ID, if NULL menu is disabled
    menuItem.nameUtf8 = menuName; //!< Item title, if "---" item is a separator
    menuItem.extensionId = extensionID; //!< optional extension ID, used for panels only
    menuItem.submenu = submenu; //!< if non-NULL, this is a submenu
    return menuItem;
}
function setupMenu()
{
    var menuItems = new Array();
    menuItems.push(initializeMenuItem('id1','Call .swf
        ActionScript',undefined,undefined));
    menuItems.push(initializeMenuItem('id0','---',undefined,undefined));
    menuItems.push(initializeMenuItem('id2','Call Dw JavaScript',undefined,undefined));
    dw.flash.setMenu('Flickr',controlID,menuItems);
}
```

**Note:** Specify a function named "*onSelectMenuItem*" in the JavaScript file specified in the *scriptPath* in the object passed to *newControl*.

The *onSelectMenuItem* is a menu Item Handler. It gets called with the corresponding menu ID when a command is selected from the Floater's Fly Out menu.

The following example specifies the Callback handler definition in 'Configuration/flash/Flickr.js':

```
function onSelectMenuItem(menuID)
{
    if (menuID == 'id1') {
        var flashCallbackString = '<invoke name= " flash Callback"
returntype="xml">
<arguments><string>Hello</string></arguments></invoke>';
        dw.flash.control.Event('Flickr', flashCallbackString);
        return("PlugPlugRequestCompleted");
    } else {
        alert ( ' You selected: menuID = ' + menuID);
        return ( " PlugPlugRequestCompleted");
    }
}
```

**dreamweaver.flash.evalScript()****Availability**

Dreamweaver CS4.

**Description**

This function is used to call a JavaScript function for one of the following purposes:

- To execute a JavaScript function defined in the script file associated with the extension (for CSXS extensions).
- The .js file defined in the *scriptPath* parameter for non-CSXS based Extensions.

**Arguments**

*controlID, javascript function call*

- The *controlID* argument is the ID of the extension to execute the script. This ID must match with the ID specified as the first parameter to the `dw.flash.newControl()`.
- The JavaScript function call argument enables the user to call a function with any number of parameters.

**Returns**

A Boolean value: `true` if the function executed successfully; `false` otherwise.

## **dreamweaver.flash.executeScript()**

**Availability**

Dreamweaver CS4.

**Description**

The function is used to execute functions in a .js file. The ActionScript in the .swf file starts the `dreamweaver.flash.executeScript()` function.

**Arguments**

*javascript function call*

**Note:** Specify a path to the .js file that contains the functions you want to call.

**Returns**

An XML string that serializes into an ActionScript object.

**Example**

The following example contains a sample file, Sample.mxml and a JavaScript function in a JavaScript file, Sample.js.

```
private function executeScript():void
{
    if(ExternalInterface.available)
    {
        out.text += "SwfCalledHost\n";
        var scriptText:String = "helloWorld('scott');\n";
        var resultStr:Object =
            ExternalInterface.call("dw.flash.executeScript",scriptText);
        out.text += "Result: " + resultStr.strResult + '\n';
    }
}
```

The following JavaScript file contains a JavaScript function `helloWorld()` that is called from the .swf. This function uses the `dw.getAppLanguage()` call to return a five-letter language code that Dreamweaver is running in Sample.js.

```
function helloWorld(nameStr)
{
    alert('hello ' + nameStr);
    var appLanguage = dw.getAppLanguage();
    var returnStr = '<object><property id="strResult"><string>Language: ' + appLanguage
        + '</string></property></object>';
    alert(returnStr);
    return (returnStr);
}
```

**More Help topics**

[“dreamweaver.flash.newControl\(\)” on page 42](#)

## **dreamweaver.flash.controlExists**

**Availability**

Dreamweaver CS4.

**Description**

This function is used to check the existence of the controls. PanelWindow controls are saved between the launches of Dreamweaver.

**Arguments**

*controlID*

**Returns**

A Boolean value: `true` if the control has already been created, `false` otherwise.

# Chapter 7: Photoshop integration

Adobe® Dreamweaver CS5® facilitates a compact integration with Adobe® Photoshop®. Users can insert Photoshop images as Smart Objects in Dreamweaver. Smart Objects automatically updates images in Dreamweaver if changes are made to the original images using Photoshop.

## How Smart Objects work

Photoshop images are inserted as Smart Objects in Dreamweaver. The Smart Objects stay linked to the original Photoshop images. When users edit the image in Photoshop, they view an updated image in Dreamweaver. A Smart Object has a specific state, mainly resulting from the connection of the web image to its original asset file. Users can view the status of a Smart Object visually. The sync state of a Smart Object is indicated with the Sync badge.

## The Smart Objects API

The Smart Object functions handle operations related to Dreamweaver and Photoshop integration. The functions enable you to perform the following tasks:

- Retrieve the state of an image
- Retrieve the height and width of an image

### **`dreamweaver.assetPalette.canUpdateSmartObjectFromOriginal()`**

#### **Availability**

Dreamweaver CS4.

#### **Description**

Enabler: This function checks to see whether a Smart Object, on which we can issue the command "Update From Original," is selected in the Assets panel.

#### **Arguments**

None.

#### **Returns**

A Boolean value: `true` if "Update From Original" can be applied to current selection. `false` otherwise.

### **`dreamweaver.assetPalette.updateSmartObjectFromOriginal()`**

#### **Availability**

Dreamweaver CS4.

**Description**

This function re-creates the selected web image based on the current contents of the connected original source file.

**Arguments**

None.

**Returns**

None.

**`dreamweaver.getSmartObjectState()`****Availability**

Dreamweaver CS4.

**Description**

This function returns the state of a web image in terms of Smart Objects functionality.

**Arguments**

Absolute local URL of a web image.

**Returns**

The state of the Smart Object as a numeric value such as:

Numeric value	Description
-10	Unknown error
0	No Smart Object
1	In sync with contents of the original asset file
100	Web image modified after last sync
200	Original asset modified after last sync
+2	Dimensions of the original asset differ from width and height attributes in HTML
+4	Dimensions of web image differ from width and height attributes in HTML
10	Unable to access the original asset file
20	Unable to access web image file

**`dreamweaver.getSmartObjectOriginalWidth()`****Availability**

Dreamweaver CS4.

**Description**

This function evaluates and returns the pixel width of the original asset file of a Smart Object.

**Arguments**

Absolute local URL of the web image.

**Returns**

Pixel width of the original asset file.

## **dreamweaver.getImageWidth()**

**Availability**

Dreamweaver CS4.

**Description**

This function evaluates and returns the pixel width of an image.

**Arguments**

Absolute local URL of a web image.

**Returns**

Pixel width of the image.

## **dreamweaver.getImageHeight()**

**Availability**

Dreamweaver CS4.

**Description**

This function evaluates and returns the pixel height of an image.

**Arguments**

Absolute local URL of a web image.

**Returns**

Pixel height of the image.

## **dreamweaver.resolveOriginalAssetFileURLToAbsoluteLocalFilePath()**

**Availability**

Dreamweaver CS4.

**Description**

This function resolves a file path to an original asset file (as it is stored in Design Notes). The path can be empty, site relative, or absolute.

**Arguments**

Absolute local URL or site relative URL to the web image. This URL is required to resolve the site.

**Returns**

Absolute local file path.

## **dreamweaver.canUpdateSmartObjectFromOriginal()**

**Availability**

Dreamweaver CS4.

**Description**

This function answers the question whether a Smart Object can be updated from its original asset file.

**Arguments**

Numeric status of Smart Object. `ImageManipulatorSettings:GetSmartObjectStatus()` returns this status.

**Returns**

A Boolean value: `true` if an update from the original image can be performed according to the status; `false` otherwise.

## **dreamweaver.updateSmartObjectFromOriginal()**

**Availability**

Dreamweaver CS4.

**Description**

This function updates a web image based on the current contents of an original asset file.

**Arguments**

Absolute local URL of a web image.

**Returns**

None.

# Chapter 8: The database API

Functions in the database API let you manage database connections and access information that is stored in databases. The database API is divided by two distinct purposes: managing database connections and accessing database connections.

Database API functions are used at design time when users are building web applications, not at runtime when the web application is deployed.

You can use these functions in any extension. In fact, the Adobe® Dreamweaver® CS5 server behavior, data format, and data sources APIs all use these database functions.

## How database API functions work

The following example shows how the server behavior function, `getDynamicBindings()`, is defined for Recordset.js. This example uses the `MMDB.getColumnAndTypeList()` function:

```
function getDynamicBindings(ss)
{
    var serverModel = dw.getDocumentDOM().serverModel.getServerName();
    var bindingsAndTypeArray = new Array();
    var connName=ss.connectionName;
    var statement = ss.source;
    var rsName= ss.rsName;

    // remove SQL comments
    statement = statement.replace(/\\/*[\s\s]*?\\//g, " ");
    var bIsSimple = ParseSimpleSQL(statement);
    statement = stripCIFISimple(statement);

    if (bIsSimple) {
        statement = RemoveWhereClause(statement, false);
    } else {
        var pa = new Array();

        if (ss.ParamArray != null) {
            for (var i = 0; i < ss.ParamArray.length; i++) {
                pa[i] = new Array();
                pa[i][0] = ss.ParamArray[i].name;
                pa[i][1] = ss.ParamArray[i].value;
            }
        }
    }

    var statement = replaceParamsWithVals(statement, pa, serverModel);
}
bindingsAndTypeArray = MMDB.getColumnAndTypeList(connName, statement);
return bindingsAndTypeArray;
}
```

## Database connection functions

Database connection functions let you make and manage any connection, including the Dreamweaver-provided ADO, ColdFusion, and JDBC connections.

These functions interface with the Connection Manager only; they do not access a database. For functions that access a database, see “[Database access functions](#)” on page 67.

In managing database connections, you can get the user name and password to perform activities including:

- Making a connection to a database
- Opening a database connection dialog box

### **MMDB.deleteConnection()**

#### **Availability**

Dreamweaver MX.

#### **Description**

This function deletes the named database connection.

#### **Arguments**

*connName*

- The *connName* argument is the name of the database connection as it is specified in the Connection Manager. This argument identifies, by name, the database connection to delete.

#### **Returns**

Nothing.

#### **Example**

The following example deletes a database connection:

```
function clickedDelete()
{
    var selectedObj = dw.serverComponents.getSelectedNode();
    if (selectedObj && selectedObj.objectType=="Connection")
    {
        var connRec = MMDB.getConnection(selectedObj.name);
        if (connRec)
        {
            MMDB.deleteConnection(selectedObj.name);
            dw.serverComponents.refresh();
        }
    }
}
```

## MMDB.getColdFusionDsnList()

### Availability

Dreamweaver UltraDev 4.

### Description

This function gets the ColdFusion data source names (DSNs) from the site server, using the `getRDSUserName()` and `getRDSPassword()` functions.

### Arguments

None.

### Returns

An array that contains the ColdFusion DSNs that are defined on the server for the current site.

## MMDB.getConnection()

### Availability

Dreamweaver UltraDev 4, enhanced in Dreamweaver MX.

### Description

This function gets a named connection object.

### Arguments

*name*

- The *name* argument is a string variable that specifies the name of the connection that you want to reference.

### Returns

A reference to a named connection object. Connection objects contain the following properties:

Property	Description
<code>name</code>	Connection name
<code>type</code>	Indicates, if <code>useHTTP</code> is a value of <code>false</code> , which DLL to use for connecting to a database at runtime
<code>string</code>	Runtime ADO connection string or JDBC URL
<code>dsn</code>	ColdFusion DSN
<code>driver</code>	Runtime JDBC driver
<code>username</code>	Runtime user name
<code>password</code>	Runtime password
<code>useHTTP</code>	String that contains either a <code>true</code> or <code>false</code> value, specifying whether to use a remote driver (HTTP connection) at design time; otherwise, use a local driver (DLL)
<code>includePattern</code>	Regular expression used to find the file include statement on the page during Live Data and Preview In Browser

Property	Description
variables	Array of page variable names and their corresponding values used during Live Data and Preview In Browser
catalog	Used to restrict the metadata that appears (for more information, see " <a href="#">MMDB.getProcedures()</a> " on page 70)
schema	Used to restrict the metadata that appears (for more information, see " <a href="#">MMDB.getProcedures()</a> " on page 70)
filename	Filename of dialog box that was used to create the connection

**Note:** These properties are the standard ones that Dreamweaver implements. Developers can define their connection types and add new properties to this standard set or provide a different set of properties.

## MMDB.getConnectionList()

### Availability

Dreamweaver UltraDev 1.

### Description

This function gets a list of all the connection strings that are defined in the Connection Manager.

### Arguments

None.

### Returns

An array of strings where each string is the name of a connection as it appears in the Connection Manager.

### Example

A call to `MMDB.getConnectionList()` can return the strings `["EmpDB", "Test", TestEmp"]`.

## MMDB.getConnectionName()

### Availability

Dreamweaver UltraDev 1.

### Description

This function gets the connection name that corresponds to the specified connection string. This function is useful when you need to reselect a connection name in the user interface (UI) from data on the page.

If you have a connection string that references two drivers, you can specify the connection string and the driver that corresponds to the connection name that you want to return. For example, you can have two connections.

- Connection 1 has the following properties:

```
ConnectionString="jdbc:inetdae:velcro-qa-5:1433?database=pubs"
DriverName="com.inet.tds.TdsDriver"
```

- Connection 2 has the following properties:

```
ConnectionString="jdbc:inetdae:velcro-qa-5:1433?database=pubs"
DriverName="com.inet.tds.TdsDriver2"
```

The connection strings for Connection 1 and Connection 2 are the same. Connection 2 connects to a more recent version of the `TdsDriver` driver. You should pass the driver name to this function to fully qualify the connection name you want to return.

### Arguments

*connString, {driverName}*

- The `connString` argument is the connection string that gets the connection name.
- The `driverName` argument, which is optional, further qualifies the `connString` argument.

### Returns

A connection name string that corresponds to the connection string.

### Example

The following code returns the string "EmpDB":

```
var connectionName = MMDB.getConnectionName ¬
("dsn=EmpDB;uid=;pwd=");
```

## MMDB.getConnectionString()

### Availability

Dreamweaver UltraDev 1.

### Description

This function gets the connection string that is associated with the named connection.

### Arguments

*connName*

- The `connName` argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.

### Returns

A connection string that corresponds to the named connection.

### Example

The code `var connectionString = MMDB.getConnectionString ("EmpDB")` returns different strings for an ADO or JDBC connection.

- For an ADO connection, the following string can return:

```
"dsn=EmpDB;uid=;pwd=";
```

- For a JDBC connection, the following string can return:

```
"jdbc:inetdae:192.168.64.49:1433?database=pubs&user=JoeUser&¬
password=joesSecret"
```

## MMDB.getDriverName()

### Availability

Dreamweaver UltraDev 1.

### Description

This function gets the driver name that is associated with the specified connection. Only a JDBC connection has a driver name.

### Arguments

*connName*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.

### Returns

A string that contains the driver name.

### Example

The statement `MMDB.getDriverName ("EmpDB");` might return the following string:

`"jdbc/oracle.driver/JdbcOracle"`

## MMDB.getLocalDsnList()

### Availability

Dreamweaver UltraDev 4.

### Description

This function gets ODBC DSNs that are defined on the user's system.

### Arguments

None.

### Returns

An array that contains the ODBC DSNs that are defined on the user's system.

## MMDB.getPassword()

### Availability

Dreamweaver UltraDev 1.

### Description

This function gets the password that is used for the specified connection.

### Arguments

*connName*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.

### Returns

A password string that is associated with the connection name.

### Example

The statement `MMDB.getPassword ("EmpDB")`; might return "joessecret".

## MMDB.getRDSPassword()

### Availability

Dreamweaver UltraDev 4.

### Description

This function gets the Remote Development Services (RDS) password (for use with ColdFusion connections).

### Arguments

None.

### Returns

A string that contains the RDS password.

## MMDB.getRDSUserName()

### Availability

Dreamweaver UltraDev 4.

### Description

This function gets the RDS user name (for use with ColdFusion connections).

### Arguments

None.

### Returns

A string that contains the RDS user name.

## MMDB.getRemoteDsnList()

### Availability

Dreamweaver UltraDev 4, enhanced in Dreamweaver MX.

**Description**

This function gets the ODBC DSNs from the site server. The `getRDSUserName()` and `getRDSPassword()` functions are used when the server model of the current site is ColdFusion. This function provides an option for a developer to specify a URL parameter string to be appended to the Remote Connectivity URL that `MMDB.getRemoteDsnList()` generates. If the developer provides a parameter string, this function passes it to the HTTP connectivity scripts.

**Arguments**

*{urlParams}*

- The *urlParams* argument, which is optional, is a string that contains a list of *name=value* expressions, which are separated by ampersand (&) characters. You must not enclose values with quotes. Some characters, such as the space in the value Hello World, need to be encoded. The following example shows a valid sample argument that you can pass to `MMDB.getRemoteDsnList():a=1&b=Hello%20World`

**Returns**

Returns an array that contains the ODBC DSNs that are defined on the server for the current site.

## MMDB.getRuntimeConnectionType()

**Availability**

Dreamweaver UltraDev 1.

**Description**

This function returns the runtime connection type of the specified connection name.

**Arguments**

*connName*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.

**Returns**

A string that corresponds to the connection type. This function can return one of the following values: "ADO", "ADODSN", "JDBC", or "CFDSN".

**Example**

The following code returns the string "ADO" for an ADO connection:

```
var connectionType = MMDB.getRuntimeConnectionType ("EmpDB")
```

## MMDB.getUserName()

**Availability**

Dreamweaver UltraDev 1.

**Description**

This function returns a user name for the specified connection.

**Arguments***connName*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.

**Returns**

A user name string that is associated with the connection name.

**Example**

The statement `MMDB.getUserName ("EmpDB")`; might return "amit".

## MMDB.hasConnectionWithName()

**Availability**

Dreamweaver UltraDev 4.

**Description**

This function determines whether a connection of a given name exists.

**Arguments***name*

- The *name* argument is the connection name.

**Returns**

Returns a Boolean value: `true` indicates that a connection with the specified name exists; `false` otherwise.

## MMDB.needToPromptForRdsInfo()

**Availability**

Dreamweaver MX.

**Description**

This function determines whether Dreamweaver should open the RDS Login Information dialog box.

**Arguments***bForce*

- The *bForce* argument is a Boolean value; `true` indicates that the user who has previously cancelled out of the RDS login dialog box still needs to be prompted for RDS login information.

**Returns**

A Boolean value: `true` indicates that the user needs to be prompted for RDS login information; `false` otherwise.

## MMDB.needToRefreshColdFusionDsnList()

### Availability

Dreamweaver MX.

### Description

This function tells the Connection Manager to empty the cache and get the ColdFusion data source list from the application server the next time a user requests the list.

### Arguments

None.

### Returns

Nothing.

## MMDB.popupConnection()

### Availability

Dreamweaver MX.

### Description

This function starts a connection dialog box. This function has the following three signatures:

- If the argument list consists only of *dialogFileName* (a string), the `popupConnection()` function makes Dreamweaver open the Connection dialog box so you can define a new connection.
- If the argument list consists only of *connRec* (a connection reference), the `popupConnection()` function makes Dreamweaver launch the Connection dialog box in edit mode for editing the named connection. In this mode, the name text field is dimmed.
- If the argument list consists of *connRec* and the Boolean value *bDuplicate*, the `popupConnection()` function makes Dreamweaver open the Connection dialog box in duplicate mode. In this mode, the name text field is blanked out, and the remaining properties are copied to define a duplicate connection.

### Arguments

*dialogFileName* or *connRec* or *connrec*, *bDuplicate*

- The *dialogFileName* argument is a string that contains the name of an HTML file that resides in the Configuration/Connections/server-model folder. This HTML file defines the dialog box that creates a connection. This file must implement three JavaScript API functions: `findConnection()`, `inspectConnection()`, and `applyConnection()`. Typically, you create a JavaScript file that implements these functions and then include that file in the HTML file. (For more information on creating a connection, see “[The database connectivity API](#)” on page 79.)
- The *connRec* argument is a reference to an existing Connection object.
- The *bDuplicate* argument is a Boolean value.

### Returns

Nothing. The defined connection dialog box appears.

## MMDB.setRDSPassword()

### Availability

Dreamweaver UltraDev 4.

### Description

This function sets the RDS password.

### Arguments

*password*

- The *password* argument is a string that contains the RDS password.

### Returns

Nothing.

## MMDB.setRDSUserName()

### Availability

Dreamweaver UltraDev 4.

### Description

This function sets the RDS user name.

### Arguments

*username*

- The *username* argument is a valid RDS user name.

### Returns

Nothing.

## MMDB.showColdFusionAdmin()

### Availability

Dreamweaver MX.

### Description

This function displays the ColdFusion Administrator dialog box.

### Arguments

None.

### Returns

Nothing. The ColdFusion Administrator dialog box appears.

## MMDB.showConnectionMgrDialog()

### Availability

Dreamweaver UltraDev 1.

### Description

This function displays the Connection Manager dialog box.

### Arguments

None.

### Returns

Nothing. The Connection Manager dialog box appears.

## MMDB.showOdbcDialog()

### Availability

Dreamweaver UltraDev 4 (Windows only).

### Description

This function displays the System ODBC Administration dialog box or the ODBC Data Source Administrator dialog box.

### Arguments

None.

### Returns

Nothing. The System ODBC Administration dialog box or the ODBC Data Source Administrator dialog box appears.

## MMDB.showRdsUserDialog()

### Availability

Dreamweaver UltraDev 4.

### Description

This function displays the RDS user name and password dialog box.

### Arguments

*username, password*

- The *username* argument is the initial user name.
- The *password* argument is the initial password.

### Returns

An object that contains the new values in the `username` and `password` properties. If either property is not defined, it indicates that the user cancelled the dialog box.

## MMDB.showRestrictDialog()

### Availability

Dreamweaver UltraDev 4.

### Description

This function displays the Restrict dialog box.

### Arguments

*catalog, schema*

- The *catalog* argument is the initial catalog value.
- The *schema* argument is the initial schema value.

### Returns

An object that contains the new values in the `catalog` and `schema` properties. If either property is not defined, it indicates that the user cancelled the dialog box.

## MMDB.testConnection()

### Availability

Dreamweaver UltraDev 4.

### Description

This function tests connection settings. It displays a modal dialog box that describes the results.

### Arguments

*serverPropertiesArray*

This function expects a single argument, an array object that contains values from the following list, which are appropriate for the current server model. For properties that do not apply to the connection being tested, set them to empty ("").

- The *type* argument indicates, when *useHTTP* is a `false` value, which DLL to use for connecting to a database at design time to test connection settings.
- The *string* argument is the ADO connection string or JDBC URL.
- The *dsn* argument is the data source name.
- The *driver* argument is the JDBC driver.
- The *username* argument is the user name.
- The *password* argument is the password.
- The *useHTTP* argument is a Boolean value. A value of `true` specifies that Dreamweaver should use an HTTP connection at design time; otherwise, Dreamweaver uses a DLL.

### Returns

A Boolean value: `true` if the connection test is successful; `false` otherwise.

## Database access functions

Database access functions let you query a database.

In accessing database information, you can, for example, retrieve metadata that describes the schema or structure of a database. This metadata includes information such as the names of tables, columns, stored procedures, and views. You can also show the results of executing a database query or stored procedure. When accessing a database through this API, you use structured query language (SQL) statements.

For the collection of functions that manage a database connection, see “[Database connection functions](#)” on page 55.

The following list describes some of the arguments that are common to the functions that are available:

- Most database access functions use a connection name as an argument. You can see a list of valid connection names in the Connection Manager, or you can use the `MMDB.getConnectionList()` function to get a list of all the connection names programmatically.
- Stored procedures often require parameters. You can specify parameter values for database access functions in two ways. First, you can provide an array of parameter values (`paramValuesArray`). If you specify only parameter values, the values must be in the sequence in which the stored procedure requires the parameters. Second, you specify parameter values to provide an array of parameter names (`paramNameArray`). You can use the `MMDB.getSPParamsAsString()` function to get the parameters of the stored procedure. If you provide parameter names, the values that you specify in `paramValuesArray` must be in the sequence of the parameter names that you specify in `paramNameArray`.

### MMDB.getColumnAndTypeList()

#### Availability

Dreamweaver UltraDev 1.

#### Description

This function gets a list of columns and their types from an executed SQL `SELECT` statement.

#### Arguments

*connName, statement*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.
- The *statement* argument is the SQL `SELECT` statement to execute.

#### Returns

An array of strings that represents a list of columns (and their types) that match the `SELECT` statement, or an error if the SQL statement is invalid or the connection cannot be made.

#### Example

The code `var columnArray = MMDB.getColumnAndTypeList("EmpDB", "Select * from Employees")` returns the following array of strings:

```
columnArray[0] = "EmpName"
columnArray[1] = "varchar"
columnArray[2] = "EmpFirstName"
columnArray[3] = "varchar"
columnArray[4] = "Age"
columnArray[5] = "integer"
```

## MMDB.getColumnList()

### Availability

Dreamweaver UltraDev 1.

### Description

This function gets a list of columns from an executed SQL SELECT statement.

### Arguments

*connName, statement*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.
- The *statement* argument is the SQL SELECT statement to execute.

### Returns

An array of strings that represents a list of columns that match the SELECT statement, or an error if the SQL statement is invalid or the connection cannot be made.

### Example

The code `var columnArray = MMDB.getColumnList ("EmpDB", "Select * from Employees")` returns the following array of strings:

```
columnArray[0] = "EmpName"
columnArray[1] = "EmpFirstName"
columnArray[2] = "Age"
```

## MMDB.getColumns()

### Availability

Dreamweaver MX, arguments updated in Dreamweaver MX 2004.

### Description

This function returns an array of objects that describe the columns in the specified table.

### Arguments

*connName, tableName*

- The *connName* argument is the connection name. This value identifies the connection containing the string that Dreamweaver should use to make a database connection to a live data source.
- The *tableName* argument is the table to query.

**Returns**

An array of objects, one object for each column. Each object defines the following three properties for the column with which it is associated.

Property Name	Description
name	Name of the column (for example, <code>price</code> )
datatype	Data type of the column (for example, <code>small money</code> )
definedsize	Defined size of the column (for example, <code>8</code> )
nullable	Indicates whether the column can contain <code>null</code> values

**Example**

The following example uses `MMDB.getColumns()` to set the tooltip text value:

```
var columnNameObjs = MMDB.getColumns(connName,tableName);
var databaseType = MMDB.getDatabaseType(connName);
for (i = 0; i < columnNameObjs.length; i++)
{
    var columnObj = columnNameObjs[i];
    var columnName = columnObj.name;
    var typename = columnObj.datatype;
    if (dwscripts.isNumber(typename))
    {
        // it already is a num
        typename = dwscripts.getDBColumnTypeAsString(typename, databaseType);
    }
    var tooltiptext = typename;
}
```

**MMDB.getColumnsOfTable()****Availability**

Dreamweaver UltraDev 1.

**Description**

This function gets a list of all the columns in the specified table.

**Arguments**

*connName, tableName*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.
- The *tableName* argument is the name of a table in the database that is specified by the *connName* argument.

**Returns**

An array of strings where each string is the name of a column in the table.

**Example**

The statement `MMDB.getColumnsOfTable ("EmpDB", "Employees")`; returns the following strings:

```
["EmpID", "FirstName", "LastName"]
```

## MMDB.getPrimaryKeys()

### Availability

Dreamweaver MX.

### Description

This function returns the column names that combine to form the primary key of the named table. A primary key serves as the unique identifier for a database row and consists of at least one column.

### Arguments

*connName, tableName*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.
- The *tableName* argument is the name of the table for which you want to retrieve the set of columns that comprises the primary key of that table.

### Returns

An array of strings. The array contains one string for each column that comprises the primary key.

### Example

The following example returns the primary key for the specified table.

```
var connName      = componentRec.parent.parent.parent.name;
var tableName    = componentRec.name;
var primaryKeys   = MMDB.getPrimaryKeys(connName, tableName);
```

## MMDB.getProcedures()

### Availability

Dreamweaver MX.

### Description

This function returns an array of procedure objects that are associated with a named connection.

### Arguments

*connName*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.

### Returns

An array of procedure objects where each procedure object has the following set of three properties:

Property Name	Description
schema	<p>Name of the schema that is associated with the object.</p> <p>This property identifies the user that is associated with the stored procedure in the SQL database that the <code>getProcedures()</code> function accesses. The database that this function accesses depends on the type of connection.</p> <ul style="list-style-type: none"> <li>For ODBC connections, the ODBC data source defines the database. The DSN is specified by the <code>dsn</code> property in the connection object (<code>connName</code>) that you pass to the <code>getProcedures()</code> function.</li> <li>For OLE DB connections, the connection string names the database.</li> </ul>
catalog	<p>Name of the catalog that is associated with the object (owner qualifier).</p> <p>The value of the <code>catalog</code> property is defined by an attribute of the OLE DB driver. This driver attribute defines a default <code>user.database</code> property to use when the OLE DB connection string does not specify a database.</p>
procedure	Name of the procedure.

**Note:** Dreamweaver connects to and gets all the tables in the database whenever you modify a recordset. If the database has many tables, Dreamweaver might take a long time to retrieve them on certain systems. If your database contains a schema or catalog, you can use the schema or catalog to restrict the number of database items Dreamweaver gets at design time. You must first create a schema or catalog in your database application before you can apply it in Dreamweaver. Consult your database documentation or your system administrator.

### Example

The following code gets a list of procedures:

```
var procObjects = MMDB.getProcedures(connectionName);
for (i = 0; i < procObjects.length; i++)
{
    var thisProcedure = procObjects[i]
    thisSchema = Trim(thisProcedure.schema)
    if (thisSchema.length == 0)
    {
        thisSchema = Trim(thisProcedure.catalog)
    }
    if (thisSchema.length > 0)
    {
        thisSchema += "."
    }

    var procName = String(thisSchema + thisProcedure.procedure);
}
```

## MMDB.getSPColumnList()

### Availability

Dreamweaver UltraDev 1.

### Description

This function gets a list of result set columns that are generated by a call to the specified stored procedure.

**Arguments***connName, statement, paramValuesArray*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.
- The *statement* argument is the name of the stored procedure that returns the result set when it executes.
- The *paramValuesArray* argument is an array that contains a list of design-time parameter test values. Specify the parameter values in the order in which the stored procedure expects them. You can use the `MMDB.getSPParamsAsString()` function to get the parameters for the stored procedure.

**Returns**

An array of strings that represents the list of columns. This function returns an error if the SQL statement or the connection string is invalid.

**Example**

The following code can return a list of result set columns that are generated from the executed stored procedure, `getNewEmployeesMakingAtLeast`:

```
var paramValueArray = new Array("2/1/2000", "50000")
var columnArray = MMDB.getSPColumnList("EmpDB", ~
"getNewEmployeesMakingAtLeast", paramValueArray)
The following values return:
columnArray[0] = "EmpID", columnArray[1] = "LastName", ~
columnArray[2] = "startDate", columnArray[3] = "salary"
```

## MMDB.getSPColumnListNamedParams()

**Availability**

Dreamweaver UltraDev 1.

**Description**

This function gets a list of result set columns that are generated by a call to the specified stored procedure.

**Arguments***connName, statement, paramNameArray, paramValuesArray*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.
- The *statement* argument is the name of the stored procedure that returns the result set when it executes.
- The *paramNameArray* argument is an array that contains a list of parameter names. You can use the `MMDB.getSPParamsAsString()` function to get the parameters of the stored procedure.
- The *paramValuesArray* argument is an array that contains a list of design-time parameter test values. You can specify if the procedure requires parameters when it executes. If you have provided parameter names in *paramNameArray*, specify the parameter values in the same order that their corresponding parameter names appear in *paramNameArray*. If you did not provide *paramNameArray*, specify the values in the order in which the stored procedure expects them.

**Returns**

An array of strings that represents the list of columns. This function returns an error if the SQL statement or the connection string is invalid.

**Example**

The following code can return a list of result set columns that are generated from the executed stored procedure, `getNewEmployeesMakingAtLeast`:

```
var paramNameArray = new Array("startDate", "salary")
var paramValueArray = new Array("2/1/2000", "50000")
var columnArray = MMDB.getSPColumnListNamedParams("EmpDB", ~
"getNewEmployeesMakingAtLeast", paramNameArray, paramValueArray)
```

The following values return:

```
columnArray[0] = "EmpID", columnArray[1] = "LastName", ~
columnArray[2] = "startDate", columnArray[3] = "salary"
```

## MMDB.getSPParameters()

**Availability**

Dreamweaver MX.

**Description**

This function returns an array of parameter objects for a named procedure.

**Arguments**

*connName, procName*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.
- The *procName* argument is the name of the procedure.

**Returns**

An array of parameter objects, each specifying the following set of properties:

Property name	Description
name	Name of the parameter (for example, <code>@@ololimit</code> )
datatype	Datatype of the parameter (for example, <code>smallmoney</code> )
direction	Direction of the parameter: 1-The parameter is used for input only. 2-The parameter is used for output only. In this case, you pass the parameter by reference and the method places a value in it. You can use the value after the method returns. 3-The parameter is used for both input and output. 4-The parameter holds a return value.

**Example**

The following example retrieves the parameter objects for the specified procedure and creates a tooltip for each object using its properties.

```
var paramNameObjs = MMDB.getSPPParameters(connName, procName);
for (i = 0; i < paramNameObjs.length; i++)
{
    var paramObj = paramNameObjs[i];
    var tooltiptext = paramObj.datatype;
    tooltiptext+=" ";
    tooltiptext+=GetDirString(paramObj.directiontype);
}
```

## MMDB.getSPParamsAsString()

**Availability**

Dreamweaver UltraDev 1.

**Description**

This function gets a comma-delimited string that contains the list of parameters that the stored procedure takes.

**Arguments**

*connName, procName*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.
- The *procName* argument is the name of the stored procedure.

**Returns**

A comma-delimited string that contains the list of parameters that the stored procedure requires. The parameters' names, direction, and data type are included, separated by semicolons (;).

**Example**

The code `MMDB.getSPParamsAsString ("EmpDB", "getNewEmployeesMakingAtLeast")` can return a string of form name `startDate;direction:in;datatype:date, salary;direction:in;datatype:integer`.

In this example, the stored procedure, `getNewEmployeesMakingAtLeast`, has two parameters: `startDate` and `Salary`. For `startDate`, the direction is `in` and the data type is `date`. For `salary`, the direction is `in` and the data type is `date`.

## MMDB.getTables()

**Availability**

Dreamweaver UltraDev 1.

**Description**

This function gets a list of all the tables that are defined for the specified database. Each table object has three properties: `table`, `schema`, and `catalog`.

**Arguments***connName*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.

**Returns**

An array of objects where each object has three properties: `table`, `schema`, and `catalog`. `Table` is the name of the table. `Schema` is the name of the schema that contains the table. `Catalog` is the catalog that contains the table.

**Example**

The statement `MMDB.getTables ("EmpDB")`; might produce an array of two objects. The first object's properties might be similar to the following example:

```
object1 [table:"Employees", schema:"personnel", catalog:"syscat"]
```

The second object's properties might be similar to the following example:

```
object2 [table:"Departments", schema:"demo", catalog:"syscat2"]
```

## MMDB.getViews()

**Availability**

Dreamweaver UltraDev 4.

**Description**

This function gets a list of all the views that are defined for the specified database. Each view object has `catalog`, `schema`, and `view` properties.

**Arguments***connName*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.

**Returns**

An array of view objects where each object has three properties: `catalog`, `schema`, and `view`. Use `catalog` or `schema` to restrict or filter the number of views that pertain to an individual schema name or catalog name that is defined as part of the connection information.

**Example**

The following example returns the views for a given connection value, `CONN_LIST.getValue()`:

```
var viewObjects = MMDB.getViews(CONN_LIST.getValue())
for (i = 0; i < viewObjects.length; i++)
{
    thisView = viewObjects[i]
    thisSchema = Trim(thisView.schema)
    if (thisSchema.length == 0)
    {
        thisSchema = Trim(thisView.catalog)
    }
    if (thisSchema.length > 0)
    {
        thisSchema += "."
    }
    views.push(String(thisSchema + thisView.view))
}
```

## MMDB.showResultSet()

### Availability

Dreamweaver UltraDev 1.

### Description

This function displays a dialog box that contains the results of executing the specified SQL statement. The dialog box displays a tabular grid in which the header provides column information that describes the result set. If the connection string or the SQL statement is invalid, an error appears. This function validates the SQL statement.

### Arguments

*connName*, *SQLstatement*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.
- The *SQLstatement* argument is the SQL SELECT statement.

### Returns

Nothing. This function returns an error if the SQL statement or the connection string is invalid.

### Example

The following code displays the results of the executed SQL statement:

```
MMDB.showResultSet("EmpDB", "Select EmpName, EmpFirstName, Age ~
from Employees")
```

## MMDB.showSPResultSet()

### Availability

Dreamweaver UltraDev 1.

## Description

This function displays a dialog box that contains the results of executing the specified stored procedure. The dialog box displays a tabular grid in which the header provides column information that describes the result set. If the connection string or the stored procedure is invalid, an error appears. This function validates the stored procedure.

## Arguments

*connName, procName, paramValuesArray*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.
- The *procName* argument is the name of the stored procedure to execute.
- The *paramValuesArray* argument is an array that contains a list of design-time parameter test values. Specify the parameter values in the order in which the stored procedure expects them. You can use the `MMDB.getSPPParamsAsString()` function to get the parameters of the stored procedure.

## Returns

This function returns an error if the SQL statement or the connection string is invalid; otherwise, it returns nothing.

## Example

The following code displays the results of the executed stored procedure:

```
var paramValueArray = new Array("2/1/2000", "50000")
MMDB.showSPResultset("EmpDB", "getNewEmployeesMakingAtLeast", -
paramValueArray)
```

## MMDB.showSPResultsetNamedParams()

### Availability

Dreamweaver UltraDev 1.

## Description

This function displays a dialog box that contains the result set of the specified stored procedure. The dialog box displays a tabular grid in which the header provides column information that describes the result set. If the connection string or the stored procedure is invalid, an error appears. This function validates the stored procedure. This function differs from the `MMDB.showSPResultset()` function because you can specify the parameter values by name instead of the order in which the stored procedure expects them.

## Arguments

*connName, procName, paramNameArray, paramValuesArray*

- The *connName* argument is a connection name that is specified in the Connection Manager. It identifies the connection string that Dreamweaver should use to make a database connection to a live data source.
- The *procName* argument is the name of the stored procedure that returns the result set when it executes.
- The *paramNameArray* argument is an array that contains a list of parameter names. You can use the `MMDB.getSPPParamsAsString()` function to get the parameters of the stored procedure.
- The *paramValuesArray* argument is an array that contains a list of design-time parameter test values.

**Returns**

This function returns an error if the SQL statement or the connection string is invalid; otherwise, it returns nothing.

**Example**

The following code displays the results of the executed stored procedure:

```
var paramNameArray = new Array("startDate", "salary")
var paramValueArray = new Array("2/1/2000", "50000")
MMDB.showSPResultsetNamedParams("EmpDB", "getNewEmployees-
MakingAtLeast", paramNameArray, paramValueArray)
```

# Chapter 9: The database connectivity API

As a developer, you can create new connection types and corresponding dialog boxes for new or existing server models for Adobe® Dreamweaver®. Then, a user can create a connection object when setting up a site to start building pages. To create a connection object, the user has to first select the particular type of connection that you created.

## Select a new connection type

The user can select your new connection type in the following ways:

- On the Application panel, the user can click the Plus (+) button and select Recordset. In the Recordset dialog box, the user can expand the Connection pop-up menu.
- On the Database tab of the Databases panel, the user can click the Plus (+) button and select Data Source Name.

## Develop a new connection type

The following steps outline the process for creating a new connection type:

- 1 Create the layout for the connection dialog box.

Create an HTML file that lays out the user interface (UI) for your connection dialog box. Name this file using the name of the connection (for example, myConnection.htm). For information about creating a dialog box, see *Getting Started with Dreamweaver*.

Make sure this HTML file includes a reference to the JavaScript implementation file that you define in Step 2, Create a JavaScript file that implements at least the following elements, as shown in the following example:

```
<head>
  <script SRC=". /myConnectionImpl.js"></script>
</head>
```

Store this HTML file, which defines your connection dialog box, in the Configuration/Connections/*server-model/platform* folder (where the *platform* is either Windows or Macintosh).

For example, the default ADO connection dialog box for an ASP JavaScript document on a Windows platform is stored in the ASP\_Js/Win folder and is named Connection\_ado\_conn\_string.htm.

**Note:** At runtime, Dreamweaver dynamically builds the list of connection types that are available to the user from the collection of dialog boxes that are in the ASP\_Js/Win folder.

The Configuration/ServerModels folder has HTML files that define each server model. Inside each HTML file is the `getServerModelFolderName()` function, which returns the name of the folder that is associated with the server model. The following example shows the function for the ASP JavaScript document type:

```
function getServerModelFolderName ()  
{  
    return "ASP_JS";  
}
```

You can also look at the MMDocumentTypes.xml file, which is located in the Configuration/DocumentTypes folder, to determine the mapping between server models and document types.

- 2 Create a JavaScript file that implements at least the following elements:

Element	Description	Examples
A set of variables	Each variable defines a specific connection property	Type of connection, data source name, and so on
A set of buttons	Each button appears in the connection dialog box	Test, Help, and so on (OK and Cancel are automatically included)
Connectivity functions	Together, these functions define the Connectivity API	<ul style="list-style-type: none"><li>• <code>findConnection()</code></li><li>• <code>applyConnection()</code></li><li>• <code>inspectConnection()</code></li></ul>

You can select any name for this implementation file, but it must have a .js extension (for example, myConnectionImpl.js). You can store this implementation file on either your local or a remote computer. You might want to store your implementation file in the appropriate subfolder within the Configuration/Connections folder.

**Note:** The HTML file that you defined in Step 1, Create the layout for the connection dialog box, must include this connection type implementation file.

Unless you need to define connection parameters other than the ones provided in the standard connection\_includefile.edml file, these two steps are the minimum to create a new connection dialog box.

**Note:** The title of the dialog box that the user sees is in the `<title>` tag, which is specified in the HTML document.

The functions listed in the next section let you create a connection dialog box. Along with implementing the calls for generating include files for the user, you can register your connectivity type within the server model section of the connection XML file.

For information about the Database Connectivity API that is associated with creating a new connection, see “[Database connection functions](#)” on page 55.

## The Connection API

To create a new type of connection, including the dialog box with which users interact, you must implement the following three functions: `findConnection()`, `inspectConnection()`, and `applyConnection()`. You write these three functions and include them in the JavaScript implementation file that is associated with your new connection type (see Step 2: Create a JavaScript file that implements at least the following elements:).

The `applyConnection()` function returns an HTML source within an include file. You can see examples of the HTML source in “[The generated include file](#)” on page 83. The `findConnection()` function takes the HTML source and extracts its properties. You can implement `findConnection()` to use the search patterns in XML files to extract the information that returns from `applyConnection()`. For an example of such an implementation, see the following two JavaScript files:

- The `connection_ado_conn_string.js` file is located in Configuration/Connections/ASP\_Js folder.
- The `connection_common.js` file is located in Configuration/Connections/Shared folder.

When the user opens a site, Dreamweaver goes through each file in the Connections folder, opens it, and passes the contents to `findConnection()`. If the contents of a file match the criteria for a valid connection, `findConnection()` returns a connection object. Dreamweaver then lists all the connection objects in the Database Explorer panel.

When the user opens a connection dialog box and selects to create a new connection or duplicate or edit an existing connection, Dreamweaver calls the `inspectConnection()` function and passes back the same connection object that `findConnection()` created. This process lets Dreamweaver populate the dialog box with the connection information.

When the user clicks OK in a connection dialog box, Dreamweaver calls the `applyConnection()` function to build the HTML, which is placed in the connection include file that is located in the Configuration/Connections folder. The `applyConnection()` function returns an empty string that indicates there is an error in one of the fields and the dialog box should not be closed. The include file has the default file extension type for the current server model.

When the user adds to the page a server behavior that uses the connection, such as a recordset or a stored procedure, Dreamweaver adds a statement to the page that includes the connection include file.

## findConnection()

### Availability

Dreamweaver UltraDev 4.

### Description

Dreamweaver calls this function to detect a connection in the specified HTML source and to parse the connection parameters. If the contents of this source file match the criteria for a valid connection, `findConnection()` returns a connection object; otherwise, this function returns a `null` value.

### Argument

*htmlSource*

The *htmlSource* argument is the HTML source for a connection.

### Returns

A connection object that provides values for a particular combination of the properties that are listed in the following table. The properties for which this function returns a value depend on the document type.

Property	Description
<code>name</code>	Name of the connection
<code>type</code>	If <code>useHTTP</code> is <code>false</code> , indicates which DLL to use for connecting to database at runtime
<code>string</code>	Runtime connection string. For ADO, it is a string of connection parameters; for JDBC, it is a connection URL
<code>dsn</code>	Data source name used for ODBC or Cold Fusion runtime connections

Property	Description
driver	Name of a JDBC driver used at runtime
username	Name of the user for the runtime connection
password	Password used for the runtime connection
designtimeString	Design-time connection string (see <code>string</code> )
designtimeDsn	Design-time data source name (see <code>dsn</code> )
designtimeDriver	Name of a JDBC driver used at design time
designtimeUsername	Name of the user used for the design-time connection
designtimePassword	Password used for the design-time connection
designtimeType	Design-time connection type
usesDesigntimeInfo	When <code>false</code> , Dreamweaver uses runtime properties at design time; otherwise, Dreamweaver uses design-time properties
useHTTP	String containing either <code>true</code> or <code>false</code> : <code>true</code> specifies to use HTTP connection at design time; <code>false</code> specifies to use DLL
includePattern	Regular expression used to find the file include statement on the page during Live Data and Preview In Browser
variables	Object with a property for each page variable that is set to its corresponding value. This object is used during Live Data and Preview In Browser
catalog	String containing a database identifier that restricts the amount of metadata that appears
schema	String containing a database identifier that restricts the amount of metadata that appears
filename	Name of the dialog box used to create the connection

If a connection is not found in `htmlSource`, a `null` value returns.

**Note:** Developers can add custom properties (for example, `metadata`) to the HTML source, which `applyConnection()` returns along with the standard properties.

## inspectConnection()

### Availability

Dreamweaver UltraDev 4.

### Description

Dreamweaver calls this function to initialize the dialog box data for defining a connection when the user edits an existing connection. This process lets Dreamweaver populate the dialog box with the appropriate connection information.

### Argument

*parameters*

The *parameters* argument is the same object that the `findConnection()` function returns.

### Returns

Nothing.

## applyConnection()

### Availability

Dreamweaver UltraDev 4.

### Description

Dreamweaver calls this function when the user clicks OK in the connection dialog box. The `applyConnection()` function generates the HTML source for a connection. Dreamweaver writes the HTML to the Configuration/Connections/*connection-name.ext* include file, where *connection-name* is the name of your connection (see “[Develop a new connection type](#)” on page 79), and .ext is the default extension that is associated with the server model.

### Arguments

None.

### Returns

The HTML source for a connection. Dreamweaver also closes the connection dialog box. If a field validation error occurs, `applyConnection()` displays an error message and returns an empty string to indicate that the dialog box should remain open.

## The generated include file

The include file that `applyConnection()` generates declares all the properties of a connection. The filename for the include file is the connection name. It has the filename extension that is defined for the server model associated with the current site.

**Note:** Connections are shared, so set the `allowMultiple` value to `false`. It ensures that the connection file is included in the document only once. It also ensures that the server script remains in the page if any other server behaviors use it.

You can see some sample include files that `applyConnection()` generates for various default server models illustrated in the coming sections.

**Note:** To create a connection include file format, define a new EDML mapping file, which is like `connection_includefile.edml`, as shown in “[The definition file for your connection type](#)” on page 84.

## ASP JavaScript

The ASP and JavaScript include file should be named MyConnection1.asp, where MyConnection1 is the name of the connection. The following sample is an include file for an ADO connection string:

```
<%
// Filename="Connection_ado_conn_string.htm"
// Type="ADO"
// HTTP="true"
// Catalog=""
// Schema=""
var MM_MyConnection1_STRING = "dsn=pubs";
%>
```

The server behavior file includes this connection by using the relative file include statement, as shown in the following example:

```
<!--#include file="../Connections/MyConnection1.asp"-->
```

## ColdFusion

When you use UltraDev 4 ColdFusion, Dreamweaver relies on a ColdFusion include file to get a list of data sources.

**Note:** For regular Dreamweaver ColdFusion, Dreamweaver ignores any include files and, instead, makes use of RDS to retrieve the list of data sources from ColdFusion.

The UltraDev 4 ColdFusion include file should be named MyConnection1.cfm, where MyConnection1 is the name of your connection. The following example shows the include file for a ColdFusion connection to a product table:

```
<!-- FileName="Connection_cf_dsn.htm" "dsn=products" -->
<!-- Type="ADO" -->
<!-- Catalog="" -->
<!-- Schema="" -->
<!-- HTTP="false" -->
<CFSET MM_MyConnection1_DSN      = "products">
<CFSET MM_MyConnection1_USERNAME = "">
<CFSET MM_Product_USERNAME     = "">
<CFSET MM_MyConnection1_PASSWORD = "">
```

The server behavior file includes this connection by using the `cfinclude` statement, as shown in the following example:

```
<cfinclude template="Connections/MyConnection1.cfm">
```

## The definition file for your connection type

For each server model, there is a `connection_includefile.edml` file that defines the connection type and maps the properties that are defined in the include file to elements in the Dreamweaver interface.

Dreamweaver provides default definition files, one for each of the predefined server models, as listed in the following table.

Server model	Subfolder within the Configuration/Connections folder
ASP JavaScript	ASP_Js
ASP.NET CSharp	ASP.NET_Csharp
ASP.NET VBScript	ASP.NET_VB
ASP VBScript	ASP_Vbs
ColdFusion	ColdFusion
JavaServer Page	JSP
PHP MySQL	PHP_MySql

Dreamweaver uses the `quickSearch` and `searchPattern` parameters to recognize connection blocks and the `insertText` parameter to create connection blocks. For more information on EDML tags and attributes, and regular expression search patterns, see “Server Behaviors” in *Extending Dreamweaver*.

**Note:** If you change the format of your include file or define an include file for a new server model, you need to map the connection parameters with the Dreamweaver UI, Live Data, and Preview In Browser. The following sample EDML file, which is associated with the default ASP JS server model, maps all connection page variables with their respective live values before sending the page to the server. For more information on EDML and regular expression search patterns, see “Server Behaviors” in Extending Dreamweaver.

```
<participant name="connection_includefile" version="5.0">
    <quickSearch>
        <! [CDATA[// HTTP=]]></quickSearch>
        <insertText location="">
    <! [CDATA[<%
// FileName="@@filename@@"
// Type="@@type@@" @@designtimeString @@
// DesigntimeType="@@designtimeType@@"
// HTTP="@@http@@"
// Catalog="@@catalog@@"
// Schema="@@schema@@"
var MM_@@cname@@_STRING = @@string@@
%>
]]>
        </insertText>
        <searchPatterns whereToSearch="directive">
            <searchPattern paramNames="filename">
                <! [CDATA[/\//\s*FileName="([^\"]*)"/]]></searchPattern>
            <searchPattern paramNames="type,designtimeString">
                <! [CDATA[/\//\s+Type="(\w*) "([^\r\n]*)/]]></searchPattern>
            <searchPattern paramNames="designtimeType" isOptional="true">
                <! [CDATA[/\//\s*DesigntimeType="(\w*)"/]]></searchPattern>
            <searchPattern paramNames="http">
                <! [CDATA[/\//\s*HTTP="(\w+)/]]></searchPattern>
            <searchPattern paramNames="catalog">
                <! [CDATA[/\//\s*Catalog="(\w*)"/]]></searchPattern>
            <searchPattern paramNames="schema">
                <! [CDATA[/\//\s*Schema="(\w*)"/]]></searchPattern>
            <searchPattern paramNames="cname, string">
                <! [CDATA[/\var\s+MM_(_\w*)_STRING\s*=\s*([^\\r\\n]+) /]]></searchPattern>
        </searchPatterns>
    </participant>
```

Tokens in an EDML file—such as @@filename@@ in this example—map values in the include file to properties of a connection object. You set the properties of connection objects in the JavaScript implementation file.

All the default connection dialog boxes that come with Dreamweaver use the connection\_includefile.edml mapping file. To let Dreamweaver find this file, its name is set in the JavaScript implementation file, as shown in the following example:

```
var PARTICIPANT_FILE = "connection_includefile";
```

When you create a custom connection type, you can use any mapping file in your custom dialog boxes. If you create a mapping file, you can use a name other than connection\_includefile for your EDML file. If you use a different name, you need to use this name in your JavaScript implementation file when you specify the value that is assigned to the PARTICIPANT\_FILE variable, as shown in the following example:

```
var PARTICIPANT_FILE = "myConnection_mappingfile";
```

# Chapter 10: The source control integration API

The source control integration API lets you write shared libraries. These APIs enable you to extend the Adobe® Dreamweaver® Check In/Check Out feature using source control systems (such as Sourcesafe or CVS).

Your libraries must support a minimum set of API functions for Dreamweaver to integrate with a source control system. And, your libraries must reside in the Program Files/Adobe/Adobe Dreamweaver CS5/Configuration/SourceControl folder.

When Dreamweaver starts, it loads each library. Dreamweaver determines which features the library supports by calling `GetProcAddress()` for each API function. If an address does not exist, Dreamweaver assumes that the library does not support the API. If the address exists, Dreamweaver uses the library version of the function to support the functionality. When a Dreamweaver user defines or edits a site and then selects the Web Server SCS tab, the choices that correspond to the DLLs appear on the tab. These choices appear in addition to the standard items on the tab. The DLLs are loaded from the Program Files/Adobe/Adobe Dreamweaver CS5/Configuration/SourceControl folder.

To create a Site > Source Control menu to which you can add custom items, add the following code. Add the code in the Site menu in the menus.xml file:

```
<menu name="Source Control" id="DWMenu_MainSite_Site_Source-
Control"><menuitem dynamic name="None" file="Menus/MM/-
File_SCSItems.htm" id="DWMenu_MainSite_Site_NewFeatures_-
Default" />
</menu>
```

## How source control integration with Dreamweaver works

When a Dreamweaver user selects server connection, file transfer, or Design Notes features, Dreamweaver calls the DLL's version of the corresponding API function (`Connect()`, `Disconnect()`, `Get()`, `Put()`, `Checkin()`, `Checkout()`, `Undocheckout()`, and `Synchronize()`). The DLL handles the request, including displaying dialog boxes that gather information or letting the user interact with the DLL. The DLL also displays information or error messages.

The source control system can optionally support Design Notes and Check In/Check Out. The Dreamweaver user enables Design Notes in source control systems by selecting the Design Notes tab in the Edit Sites dialog box and checking the box that enables the feature; this process is same to enable Design Notes with FTP and LAN. If the source control system does not support Design Notes and the user wants to use this feature, Dreamweaver transports Design Note (MNO) files to maintain the Design Notes (as it does with FTP and LAN).

Check In/Check Out is treated differently than the Design Notes feature; if the source control system supports it, the user cannot override its use from the Design Notes dialog box. If the user tries to override the source control system, an error message appears.

## Adding source control system functionality

You can add source control system functionality to Dreamweaver by writing a `GetNewFeatures` handler that returns a set of menu items and corresponding C functions. For example, if you write a Sourcesafe library and want to let Dreamweaver users see the history of a file, you can write a `GetNewFeatures` handler that returns the History menu item and the C function name of `history`. Then, in Windows, when the user right-clicks a file, the History menu item is one of the items on the menu. If a user selects the History menu item, Dreamweaver calls the corresponding function, passing the selected files to the DLL. The DLL displays the History dialog box so the user can interact with it in the same way as Sourcesafe.

## The source control integration API required functions

The source control integration API has required and optional functions. The functions listed in this section are required.

### **bool SCS\_GetAgentInfo()**

#### Description

This function asks the DLL to return its name and description, which appear in the Edit Sites dialog box. The name appears in the Server Access pop-up menu (for example, Sourcesafe, WebDav, Perforce) and the description below the pop-up menu.

#### Arguments

`char name[32], char version[32], char description[256], const char *dwAppVersion`

- The `name` argument is the name of the source control system. The name appears in the combo box for selecting a source control system on the Source Control tab in the Edit Sites dialog box. The name can be a maximum of 32 characters.
- The `version` argument is a string that indicates the version of the DLL. The version appears on the Source Control tab in the Edit Sites dialog box. The version can be a maximum of 32 characters.
- The `description` argument is a string that indicates the description of the source control system. The description appears on the Source Control tab in the Edit Sites dialog box. The description can be a maximum of 256 characters.
- The `dwAppVersion` argument is a string that indicates the version of Dreamweaver that is calling the DLL. The DLL can use this string to determine the version and language of Dreamweaver.

#### Returns

A Boolean value: `true` if successful; `false` otherwise.

### **bool SCS\_Connect()**

#### Description

This function connects the user to the source control system. If the DLL does not have log-in information, the DLL must display a dialog box to prompt the user for the information and must store the data for later use.

### Arguments

*void \*\*connectionData, const char siteName[64]*

- The *connectionData* argument is a handle to the data that the agent wants Dreamweaver to pass to it when calling other API functions.
- The *siteName* argument is a string that points to the name of the site. The site name can be a maximum of 64 characters.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## **bool SCS\_Disconnect()**

### Description

This function disconnects the user from the source control system.

### Arguments

*void \*connectionData*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## **bool SCS\_IsConnected()**

### Description

This function determines the state of the connection.

### Arguments

*void \*connectionData*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## **int SCS\_GetRootFolderLength()**

### Description

This function returns the length of the name of the root folder.

### Arguments

*void \*connectionData*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.

**Returns**

An integer that indicates the length of the name of the root folder. If the function returns < 0, Dreamweaver considers it an error and tries to retrieve the error message from the DLL, if supported.

**bool SCS\_GetRootFolder()****Description**

This function returns the name of the root folder.

**Arguments**

*void \*connectionData, char remotePath[], const int folderLen*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePath* is a buffer where the full remote path of the root folder is stored.
- The *folderLen* argument is an integer that indicates the length of *remotePath*. This is the value that *GetRootFolderLength* returns.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

**int SCS\_GetFolderListLength()****Description**

This function returns the number of items in the passed-in folder.

**Arguments**

*void \*connectionData, const char \*remotePath*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePath* argument is the full path and name of the remote folder that the DLL checks for the number of items.

**Returns**

An integer that indicates the number of items in the current folder. If the function returns < 0, Dreamweaver considers it an error and tries to retrieve the error message from the DLL, if supported.

**bool SCS\_GetFolderList()****Description**

This function returns a list of files and folders in the passed-in folder, including pertinent information such as modified date, size, and whether the item is a folder or file.

**Arguments**

*void \*connectionData, const char \*remotePath, itemInfo itemList[], const int numItems*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.

- The *remotePath* argument is the path of the remote folder that the DLL checks for the number of items.
- The *itemList* argument is a preallocated list of `itemInfo` structures:

<code>name</code>	<code>char[256]</code>	Name of file or folder
<code>isFolder</code>	<code>bool</code>	<code>true</code> if folder; <code>false</code> if file
<code>month</code>	<code>int</code>	Month component of modification date 1-12
<code>day</code>	<code>int</code>	Day component of modification date 1-31
<code>year</code>	<code>int</code>	Year component of modification date 1900+
<code>hour</code>	<code>int</code>	Hour component of modification date 0-23
<code>minutes</code>	<code>int</code>	Minute component of modification date 0-59
<code>seconds</code>	<code>int</code>	Second component of modification date 0-59
<code>type</code>	<code>char[256]</code>	Type of file (if not set by DLL, Dreamweaver uses file extensions to determine type, as it does now)
<code>size</code>	<code>int</code>	In bytes

- The *numItems* argument is the number of items that are allocated for the *itemList* (returned from `GetFolderListLength`).

## Returns

A Boolean value: `true` if successful; `false` otherwise.

## **bool SCS\_Get()**

### Description

This function gets a list of files or folders and stores them locally.

### Arguments

`void *connectionData, const char *remotePathList[], const char *localPathList[], const int numItems`

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePathList* argument is a list of the remote files or folders to retrieve, which is specified as complete paths and names.
- The *localPathList* argument is a mirrored list of local filenames or folder paths.
- The *numItems* argument is the number of items in each list.

## Returns

A Boolean value: `true` if successful; `false` otherwise.

## **bool SCS\_Put()**

### Description

This function puts a list of local files or folders into the source control system.

### Arguments

`void *connectionData, const char *localPathList[], const char *remotePathList[], const int numItems`

- The `connectionData` argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The `localPathList` argument is the list of local filenames or folder paths to put into the source control system.
- The `remotePathList` argument is a mirrored list of remote filenames or folder paths.
- The `numItems` argument is the number of items in each list.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## **bool SCS\_NewFolder()**

### Description

This function creates a new folder.

### Arguments

`void *connectionData, const char *remotePath`

- The `connectionData` argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The `remotePath` argument is the full path of the remote folder that the DLL creates.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## **bool SCS\_Delete()**

### Description

This function deletes a list of files or folders from the source control system.

### Arguments

`void *connectionData, const char *remotePathList[], const int numItems`

- The `connectionData` argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The `remotePathList` argument is a list of remote filenames or folder paths to delete.
- The `numItems` argument is the number of items in `remotePathList`.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## bool SCS\_Rename()

### Description

This function renames or moves a file or folder, depending on the values that are specified for *oldRemotePath* and *newRemotePath*. For example, if *oldRemotePath* equals "\$/folder1/file1" and *newRemotePath* equals "\$/folder1/renamofile1", file1 is renamed renamofile1 and is located in folder1.

If *oldRemotePath* equals "\$/folder1/file1" and *newRemotePath* equals "\$/folder1/subfolder1/file1", file1 is moved to the subfolder1 folder.

To find out if an invocation of this function is a move or a rename, check the parent paths of the two input values; if they are the same, the operation is a rename.

### Arguments

*void \*connectionData, const char \*oldRemotePath, const char \*newRemotePath*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *oldRemotePath* argument is a remote file or folder path to rename.
- The *newRemotePath* argument is the remote path of the new name for the file or folder.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## bool SCS\_ItemExists()

### Description

This function determines whether a file or folder exists on the server.

### Arguments

*void \*connectionData, const char \*remotePath*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePath* argument is a remote file or folder path.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## The source control integration API optional functions

The source control integration API has required and optional functions. The functions in this section are optional.

## bool SCS\_GetConnectionInfo()

### Description

This function displays a dialog box to let the user change or set the connection information for this site. It does not make the connection. This function is called when the user clicks the Settings button in the Remote Info section of the Edit Sites dialog box.

### Arguments

*void \*\*connectionData, const char siteName[64]*

- The *connectionData* argument is a handle to data that the agent wants Dreamweaver to pass when calling other API functions.
- The *siteName* argument is a string that points to the name of the site. The name cannot exceed 64 characters.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## bool SCS\_SiteDeleted()

### Description

This function notifies the DLL that the site has been deleted or that the site is no longer tied to this source control system. It indicates that the source control system can delete its persistent information for this site.

### Arguments

*const char siteName[64]*

- The *siteName* argument is a string that points to the name of the site. The name cannot exceed 64 characters.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## bool SCS\_SiteRenamed()

### Description

This function notifies the DLL when the user has renamed the site so that it can update its persistent information about the site.

### Arguments

*const char oldSiteName[64], const char newSiteName[64]*

- The *oldSiteName* argument is a string that points to the original name of the site before it was renamed. The name cannot exceed 64 characters.
- The *newSiteName* argument is a string that points to the new name of the site after it was renamed. The name cannot exceed 64 characters.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## **int SCS\_GetNumNewFeatures()**

### **Description**

This function returns the number of new features to add to Dreamweaver (for example, File History, Differences, and so on).

### **Arguments**

None.

### **Returns**

An integer that indicates the number of new features to add to Dreamweaver. If the function returns < 0, Dreamweaver considers it an error and tries to retrieve the error message from the DLL, if supported.

## **bool SCS\_GetNewFeatures()**

### **Description**

This function returns a list of menu items to add to the Dreamweaver main and context menus. For example, the Sourcesafe DLL can add History and File Differences to the main menu.

### **Arguments**

*char menuItemList[]][32], scFunction functionList[], scFunction enablerList[], const int numNewFeatures*

- The *menuItemList* argument is a string list that is populated by the DLL; it specifies the menu items to add to the main and context menus. Each string can contain a maximum of 32 characters.
- The *functionList* argument is populated by the DLL; it specifies the routines in the DLL to call when the user selects the corresponding menu item.
- The *enablerList* argument is populated by the DLL; it specifies the routines in the DLL to call when Dreamweaver needs to determine whether the corresponding menu item is enabled.
- The *numNewFeatures* argument is the number of items being added by the DLL; this value is retrieved from the `GetNumNewFeatures()` call.

The following function signature defines the functions and enablers that passed to the `SCS_GetNewFeatures()` call in the `functionlist` and `enablerList` arguments.

```
bool (*scFunction) (void *connectionData, const char *remotePathList [],  
                    const char *localPathList [], const int numItems)
```

### **Returns**

A Boolean value: `true` if successful; `false` otherwise.

## **bool SCS\_GetCheckoutName()**

### **Description**

This function returns the check-out name of the current user. If it is unsupported by the source control system and this feature is enabled by the user, this function uses the Dreamweaver internal Check In/Check Out functionality, which transports LCK files to and from the source control system.

**Arguments**

*void \*connectionData, char checkOutName[64], char emailAddress[64]*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *checkOutName* argument is the name of the current user.
- The *emailAddress* argument is the e-mail address of the current user.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

**bool SCS\_Checkin()****Description**

This function checks a list of local files or folders into the source control system. The DLL is responsible for making the file read-only. If it is unsupported by the source control system and this feature is enabled by the user, this function uses the Dreamweaver internal Check In/Check Out functionality, which transports LCK files to and from the source control system.

**Arguments**

*void \*connectionData, const char \*localPathList[], const char \*remotePathList[], bool successList[], const int numItems*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *localPathList* argument is a list of local filenames or folder paths to check in.
- The *remotePathList* argument is a mirrored list of remote filenames or folder paths.
- The *successList* argument is a list of Boolean values that are populated by the DLL to let Dreamweaver know which of the corresponding files are checked in successfully.
- The *numItems* argument is the number of items in each list.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

**bool SCS\_Checkout()****Description**

This function checks out a list of local files or folders from the source control system. The DLL is responsible for granting the privileges that let the file be writable. If it is unsupported by the source control system and this feature is enabled by the user, this function uses the Dreamweaver internal Check In/Check Out functionality, which transports LCK files to and from the source control system.

**Arguments**

*void \*connectionData, const char \*remotePathList[], const char \*localPathList[], bool successList[], const int numItems*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePathList* argument is a list of remote filenames or folder paths to check out.
- The *localPathList* argument is a mirrored list of local filenames or folder paths.

- The *successList* argument is a list of Boolean values that are populated by the DLL to let Dreamweaver know which of the corresponding files are checked out successfully.
- The *numItems* argument is the number of items in each list.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

## **bool SCS\_UndoCheckout()**

**Description**

This function undoes the check-out status of a list of files or folders. The DLL is responsible for making the file read-only. If it is unsupported by the source control system and this feature is enabled by the user, this function uses the Dreamweaver internal Check In/Check Out functionality, which transports LCK files to and from the source control system.

**Arguments**

`void *connectionData, const char *remotePathList[], const char *localPathList[], bool successList[], const int numItems`

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePathList* argument is a list of remote filenames or folder paths on which to undo the check out.
- The *localPathList* argument is a mirrored list of local filenames or folder paths.
- The *successList* argument is a list of Boolean values that are populated by the DLL to let Dreamweaver know which corresponding files' check outs are undone successfully.
- The *numItems* argument is the number of items in each list.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

## **int SCS\_GetNumCheckedOut()**

**Description**

This function returns the number of users who have a file checked out.

**Arguments**

`void *connectionData, const char *remotePath`

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePath* argument is the remote file or folder path to check to see how many users have it checked out.

**Returns**

An integer that indicates the number of people who have the file checked out. If the function returns `< 0`, Dreamweaver considers it an error and tries to retrieve the error message from the DLL, if supported.

## **bool SCS\_GetFileCheckoutList()**

### Description

This function returns a list of users who have a file checked out. If the list is empty, no one has the file checked out.

### Arguments

*void \*connectionData, const char \*remotePath, char checkOutList[][64], char emailAddressList[][64], const int numCheckedOut*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePath* argument is the remote file or folder path to check how many users have it checked out.
- The *checkOutList* argument is a list of strings that corresponds to the users who have the file checked out. Each user string cannot exceed a maximum length of 64 characters.
- The *emailAddressList* argument is a list of strings that corresponds to the users' e-mail addresses. Each e-mail address string cannot exceed a maximum length of 64 characters.
- The *numCheckedOut* argument is the number of people who have the file checked out. This is returned from `GetNumCheckedOut()`.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## **int SCS\_GetErrorMessageLength()**

### Description

This function returns the length of the DLL's current internal error message. This allocates the buffer that passes into the `GetErrorMessage()` function. This function should be called only if an API function returns `false` or `<0`, which indicates a failure of that API function.

### Arguments

*void \*connectionData*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.

### Returns

An integer that represents the length of the error message.

## **bool SCS\_GetErrorMessage()**

### Description

This function returns the last error message. If you implement `getErrorMessage()`, Dreamweaver calls it each time one of your API functions returns the value `false`.

If a routine returns `-1` or `false`, it indicates that an error message should be available.

**Arguments**

*void \*connectionData, char errorMsg[], const int \*msgLength*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *errorMsg* argument is a preallocated string for the DLL to fill in with the error message.
- The *msgLength* argument is the length of the buffer represented by the *errorMsg[]* argument.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

## **int SCS\_GetNoteCount()**

**Description**

This function returns the number of Design Note keys for the specified remote file or folder path. If unsupported by the source control system, Dreamweaver gets this information from the companion MNO file.

**Arguments**

*void \*connectionData, const char \*remotePath*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePath* argument is the remote file or folder path that the DLL checks for the number of attached Design Notes.

**Returns**

An integer that indicates the number of Design Notes that are associated with this file. If the function returns `< 0`, Dreamweaver considers it an error and tries to retrieve the error message from the DLL, if supported.

## **int SCS\_GetMaxNoteLength()**

**Description**

This function returns the length of the largest Design Note for the specified file or folder. If it is unsupported by the source control system, Dreamweaver gets this information from the companion MNO file.

**Arguments**

*void \*connectionData, const char \*remotePath*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePath* argument is the remote file or folder path that the DLL checks for the maximum Design Note length.

**Returns**

An integer that indicates the size of the longest Design Note that is associated with this file. If the function returns `< 0`, Dreamweaver considers it an error and tries to retrieve the error message from the DLL, if supported.

## bool SCS\_GetDesignNotes()

### Description

This function retrieves key-value pairs from the meta information for the specified file or folder. If it is unsupported by the source control system, Dreamweaver retrieves the information from the companion MNO file.

### Arguments

*void \*connectionData, const char \*remotePath, char keyList[][64], char \*valueList[], bool showColumnList[], const int noteCount, const int noteLength*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePath* argument is the remote file or folder path that the DLL checks for the number of items.
- The *keyList* argument is a list of Design Note keys, such as "Status".
- The *valueList* argument is a list of Design Note values that correspond to the Design Note keys, such as "Awaiting Signoff".
- The *showColumnList* argument is a list of Boolean values that correspond to the Design Note keys, which indicate whether Dreamweaver can display the key as a column in the Site panel.
- The *noteCount* argument is the number of Design Notes that are attached to a file or folder; the `GetNoteCount()` call returns this value.
- The *noteLength* argument is the maximum length of a Design Note; this is the value that the `GetMaxNoteLength()` call returns.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## bool SCS\_SetDesignNotes()

### Description

This function stores the key-value pairs in the meta information for the specified file or folder. This replaces the set of meta information for the file. If it is unsupported by the source control system, Dreamweaver stores Design Notes in MNO files.

### Arguments

*void \*connectionData, const char \*remotePath, const char keyList[][64], const char \*valueList[], bool showColumnList[], const int noteCount, const int noteLength*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePath* argument is the remote file or folder path that the DLL checks for the number of items.
- The *keyList* argument is a list of Design Note keys, such as "Status".
- The *valueList* argument is a list of Design Note values that corresponds to the Design Note keys, such as "Awaiting Signoff".
- The *showColumnList* argument is a list of Boolean values that correspond to the Design Note keys, which indicate whether Dreamweaver can display the key as a column in the Site panel.
- The *noteCount* argument is the number of Design Notes that are attached to a file or folder; this number lets the DLL know the size of the specified lists. If *noteCount* is 0, all the Design Notes are removed from the file.

- The *noteLength* argument is the length of the largest Design note for the specified file or folder.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

## **bool SCS\_IsRemoteNewer()**

**Description**

This function checks each specified remote path to see if the remote copy is newer. If it is unsupported by the source control system, Dreamweaver uses its internal `isRemoteNewer` algorithm.

**Arguments**

`void *connectionData, const char *remotePathList[], const char *localPathList[], int remoteIsNewerList[], const int numItems`

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePathList* argument is a list of remote filenames or folder paths to compare for newer status.
- The *localPathList* argument is a mirrored list of local filenames or folder paths.
- The *remoteIsNewerList* argument is a list of integers that are populated by the DLL to let Dreamweaver know which of the corresponding files is newer on the remote side. The following values are valid: 1 indicates the remote version is newer; -1 indicates the local version is newer; 0 indicates the versions are the same.
- The *numItems* argument is the number of items in each list.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

# Enablers

If the optional enablers are not supported by the source control system or the application is not connected to the server, Dreamweaver determines when the menu items are enabled, based on the information it has about the remote files.

## **bool SCS\_canConnect()**

**Description**

This function returns whether the Connect menu item should be enabled.

**Arguments**

None.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

## bool SCS\_canGet()

### Description

This function returns whether the Get menu item should be enabled.

### Arguments

*void \*connectionData, const char \*remotePathList[], const char \*localPathList[], const int numItems*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePathList* argument is a list of remote filenames or folder paths to get.
- The *localPathList* argument is a mirrored list of local filenames or folder paths.
- The *numItems* argument is the number of items in each list.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## bool SCS\_canCheckout()

### Description

This function returns whether the Checkout menu item should be enabled.

### Arguments

*void \*connectionData, const char \*remotePathList[], const char \*localPathList[], const int numItems*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePathList* argument is a list of remote filenames or folder paths to check out.
- The *localPathList* argument is a mirrored list of local filenames or folder paths.
- The *numItems* argument is the number of items in each list.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## bool SCS\_canPut()

### Description

This function returns whether the Put menu item should be enabled.

### Arguments

*void \*connectionData, const char \*localPathList[], const char \*remotePathList[], const int numItems*

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *localPathList* argument is a list of local filenames or folder paths to put into the source control system.
- The *remotePathList* argument is a mirrored list of remote filenames or folder paths to put into the source control system.
- The *numItems* argument is the number of items in each list.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## **bool SCS\_canCheckin()**

### Description

This function returns whether the Checkin menu item should be enabled.

### Arguments

`void *connectionData, const char *localPathList[], const char *remotePathList[], const int numItems`

- The `connectionData` argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The `localPathList` argument is a list of local filenames or folder paths to check in.
- The `remotePathList` argument is a mirrored list of remote filenames or folder paths.
- The `numItems` argument is the number of items in each list.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## **bool SCS\_CanUndoCheckout()**

### Description

This function returns whether the Undo Checkout menu item should be enabled.

### Arguments

`void *connectionData, const char *remotePathList[], const char *localPathList[], const int numItems`

- The `connectionData` argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The `remotePathList` argument is a list of remote filenames or folder paths to check out.
- The `localPathList` argument is a list of the local filenames or folder paths to put to the source control system.
- The `numItems` argument is the number of items in each list.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## **bool SCS\_canNewFolder()**

### Description

This function returns whether the New Folder menu item should be enabled.

### Arguments

`void *connectionData, const char *remotePath`

- The `connectionData` argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.

- The *remotePath* argument is a list of remote filenames or folder paths that the user selected to indicate where the new folder will be created.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

**bool SCS\_canDelete()****Description**

This function returns whether the Delete menu item should be enabled.

**Arguments**

`void *connectionData, const char *remotePathList[], const int numItems`

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePathList* argument is a list of remote filenames or folder paths to delete.
- The *numItems* argument is the number of items in each list.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

**bool SCS\_canRename()****Description**

This function returns whether the Rename menu item should be enabled.

**Arguments**

`void *connectionData, const char *remotePath`

- The *connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.
- The *remotePathList* argument is the remote filenames or folder paths that can be renamed.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

**bool SCS\_BeforeGet()****Description**

Dreamweaver calls this function before getting or checking out one or more files. This function lets your DLL perform one operation, such as adding a check-out comment, to a group of files.

**Arguments**

`*connectionData`

- The *\*connectionData* argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

**Example**

To get a group of files, Dreamweaver makes calls to the DLL in the following order:

```
SCS_BeforeGet(connectionData);
SCS_Get(connectionData, remotePathList1, localPathList1, successList1);
SCS_Get(connectionData, remotePathList2, localPathList2, successList2);
SCS_Get(connectionData, remotePathList3, localPathList3, successList3);
SCS_AfterGet(connectionData);
```

## **bool SCS\_BeforePut()**

**Description**

Dreamweaver calls this function before putting or checking in one or more files. This function lets your DLL perform one operation, such as adding a check-in comment, to a group of files.

**Arguments**

`*connectionData`

- The `*connectionData` argument is a pointer to the agent's data that passed into Dreamweaver during the `Connect()` call.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

**Example**

To get a group of files, Dreamweaver makes calls to the DLL in the following order:

```
SCS_BeforePut(connectionData);
SCS_Put(connectionData, localPathList1, remotePathList1, successList1);
SCS_Put(connectionData, localPathList2, remotePathList2, successList2);
SCS_Put(connectionData, localPathList3, remotePathList3, successList3);
SCS_AfterPut(connectionData);
```

## **bool SCS\_AfterGet()**

**Description**

Dreamweaver calls this function after getting or checking out one or more files. This function lets your DLL perform any operation after a batch get or check out, such as creating a summary dialog box.

**Arguments**

`*connectionData`

- The `*connectionData` argument is a pointer the agent's data that passed into Dreamweaver during the `Connect()` call.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

**Example**

See “[bool SCS\\_BeforeGet\(\)](#)” on page 103.

## **bool SCS\_AfterPut()**

**Description**

Dreamweaver calls this function after putting or checking in one or more files. This function lets the DLL perform any operation after a batch put or check in, such as creating a summary dialog box.

**Arguments**

*\*connectionData*

- The *\*connectionData* argument is a pointer to the agent’s data that passed into Dreamweaver during the `Connect()` call.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

**Example**

See “[bool SCS\\_BeforePut\(\)](#)” on page 104.

# Chapter 11: Application

The application functions perform operations related to the Adobe® Dreamweaver® interaction with other applications or Dreamweaver operations independent of individual documents. For example, setting preferences, exiting Dreamweaver, and so on.

## External application functions

External application functions handle operations that are related to applications, such as Adobe® Flash®, and to the browsers and external editors that are defined in the Preview in Browser and External Editors preferences. These functions let you get information about these external applications and open files with them.

### **dreamweaver.browseDocument()**

#### **Availability**

Dreamweaver 2; enhanced in 3 and 4.

#### **Description**

Opens the specified URL in the specified browser.

#### **Arguments**

*fileName, {browser}*

- The *fileName* argument is the name of the file to open, which is expressed as an absolute.
- The *browser* argument specifies a browser. This argument can be the name of a browser, as defined in the Preview in Browser preferences, or either `primary` or `secondary`. If the argument is omitted, the URL opens in the primary browser of the user.

**Note:** Some browsers cannot locate the file if the URL contains an anchor, such as "Configuration/ExtensionHelp/browseHelp.htm#helpyou."

#### **Returns**

Nothing.

#### **Example**

The following function uses the `dreamweaver.browseDocument()` function to open the Adobe Home page in a browser:

```
function goToadobe() {
    dreamweaver.browseDocument ('http://www.adobe.com/');
}
```

In Dreamweaver 4, you can expand this operation to open the document in Microsoft Internet Explorer using the following code:

```
function goToadobe() {
    var prevBrowsers = dw.getBrowserList();
    var theBrowser = "";
    for (var i=1; i < prevBrowsers.length; i+2){
        if (prevBrowsers[i].indexOf('Iexplore.exe') != -1){
            theBrowser = prevBrowsers[i];
            break;
        }
    }
    dw.browseDocument('http://www.adobe.com/' ,theBrowser);
}
```

For more information on the `dreamweaver.getBrowserList()` function, see “[dreamweaver.getBrowserList\(\)](#)” on page 107.

## **dreamweaver.getBrowserList()**

### **Availability**

Dreamweaver 3.

### **Description**

Gets a list of all the browsers in the File > Preview in Browser submenu.

### **Arguments**

None.

### **Returns**

An array that contains a pair of strings for each browser in the list. The first string in each pair is the name of the browser, and the second string is its location on the computer of the user, which is expressed as a file:// URL. If no browsers appear in the submenu, the function returns nothing.

## **dreamweaver.getExtensionEditorList()**

### **Availability**

Dreamweaver 3

### **Description**

Gets a list of editors for the specified file from the External Editors preferences.

### **Arguments**

*fileURL*

- The *fileURL* argument can be a complete file:// URL, a filename, or a file extension (including the period).

### **Returns**

An array that contains a pair of strings for each editor in the list. The first string in each pair is the name of the editor, and the second string is its location on the computer of the user, which is expressed as a file:// URL. If no editors appear in Preferences, the function returns an array that contains one empty string.

**Example**

A call to the `dreamweaver.getExtensionEditorList(".gif")` function might return an array that contains the following strings:

- "Fireworks 3"
- "file:///C|/Program Files/Adobe/Fireworks 3/Fireworks 3.exe"

## **dreamweaver.getExternalTextEditor()**

**Availability**

Dreamweaver 4.

**Description**

Gets the name of the currently configured external text editor.

**Arguments**

None.

**Returns**

A string that contains the name of the text editor that is suitable for presentation in the user interface (UI), not the full path.

## **dreamweaver.getFlashPath()**

**Availability**

Dreamweaver MX.

**Description**

Gets the full path to the Flash MX application in the form of a file URL.

**Arguments**

None.

**Returns**

An array that contains two elements. Element [0] is a string that contains the name of the Flash MX editor. Element [1] is a string that contains the path to the Flash application on the local computer, which is expressed as a file:// URL. If Flash is not installed, it returns nothing.

**Example**

The following example calls the `dw.getFlashPath()` function to obtain the path to the Flash application and then passes the path in the form of a file://URL to the `dw.openWithApp()` function to open the document with Flash:

```
var myDoc = dreamweaver.getDocumentDOM();

if (dreamweaver.validateFlash()) {
    var flashArray = dreamweaver.getFlashPath();
    dreamweaver.openWithApp(myDoc.myForm.swfFilePath, flashArray[1]);
}
```

## **dreamweaver.getPrimaryBrowser()**

### **Availability**

Dreamweaver 3.

### **Description**

Gets the path to the primary browser.

### **Arguments**

None.

### **Returns**

A string that contains the path on the computer of the user to the primary browser, which is expressed as a file:// URL. If no primary browser is defined, it returns nothing.

## **dreamweaver.getPrimaryExtensionEditor()**

### **Availability**

Dreamweaver 3.

### **Description**

Gets the primary editor for the specified file.

### **Arguments**

*fileURL*

- The *fileURL* argument is the path to the file to open, which is expressed as a file:// URL.

### **Returns**

An array that contains a pair of strings. The first string in the pair is the name of the editor, and the second string is its location on the computer of the user, which is expressed as a file:// URL. If no primary editor is defined, the function returns an array that contains one empty string.

## **dreamweaver.getSecondaryBrowser()**

### **Availability**

Dreamweaver 3.

### **Description**

Gets the path to the secondary browser.

### **Arguments**

None.

**Returns**

A string that contains the path on the computer of the user to the secondary browser, which is expressed as a file:// URL. If no secondary browser is defined, it returns nothing.

## **dreamweaver.openHelpURL()**

**Availability**

Dreamweaver MX.

**Description**

Opens the specified Help file in the operating system Help viewer.

Dreamweaver displays help content in the standard operating system help viewer instead of a browser. Help content is in HTML, but it is packaged for Windows HTML Help or Help Viewer for Mac OS X.

The following four types of files comprise the full help content. For more information on Help files, see your operating system documentation.

- Help book

The Help book consists of the HTML Help files, images, and indexes. In Windows, the Help book is a file that has a name with a .chm extension. On the Macintosh, the Help book is a folder.

The Help book files reside in the Dreamweaver Help folder.

- The help.xml file

The help.xml file maps book IDs to help book names. For example, the following XML code maps the book ID for Dreamweaver Help to the filenames that contains help on both the Windows and Macintosh operating systems:

```
<?xml version = "1.0" ?> <help-books><book-id id="DW_Using" win-mapping="UsingDreamweaver.chm" mac-mapping="Dreamweaver Help"/> </help-books>
```

Each book-id entry has the following attributes:

- The id attribute is the book ID that is used in the help.map and HelpDoc.js files.
- The win-mapping attribute is the Windows book name, which is "UsingDreamweaver.chm" in this example.
- The mac-mapping attribute is the Macintosh book name, which is "Dreamweaver Help" in this example.

- The help.map file

The help.map file maps a help content ID to a specific help book. Dreamweaver uses the help.map file to locate specific help content when it calls help internally.

- The helpDoc.js file

The helpDoc.js file lets you map variable names that you can use in place of the actual book ID and page string. The helpDoc.js file maps a help content ID to an HTML page in a specific help book. Dreamweaver uses the helpDoc.js file when it calls help from JavaScript.

**Arguments***bookID*

- The *bookID* argument, which is required, has the format: *ID:page*

The *ID* portion is the *bookID* of the entry in the help.xml file that names the file that contains the help content to display. The *page* portion of the entry identifies the specific page to display. The pages are referenced in the help.map file.

**Returns**

A Boolean value: `true` if successful; `false` if Dreamweaver cannot open the specified file in the help viewer.

**Example**

```
openHelpURL("DW_Using:index.htm");
```

**`dreamweaver.openWithApp()`****Availability**

Dreamweaver 3.

**Description**

Opens the specified file with the specified application.

**Arguments***fileURL, appURL*

- The *fileURL* argument is the path to the file to open, which is expressed as a file:// URL.
- The *appURL* argument is the path to the application that is to open the file, which is expressed as a file:// URL.

**Returns**

Nothing.

**`dreamweaver.openWithBrowseDialog()`****Availability**

Dreamweaver 3.

**Description**

Opens the Select External Editor dialog box to let the user select the application with which to open the specified file.

**Arguments***fileURL*

- The *fileURL* argument is the path to the file to open, which is expressed as a file:// URL.

**Returns**

Nothing.

## **dreamweaver.openWithExternalTextEditor()**

### **Availability**

Dreamweaver 3.

### **Description**

Opens the current document in the external text editor that is specified in the External Editors entry in the Preferences dialog box.

### **Arguments**

None.

### **Returns**

Nothing.

## **dreamweaver.openWithImageEditor()**

### **Availability**

Dreamweaver 3.

### **Description**

Opens the named file with the specified image editor.

**Note:** This function starts a special Adobe Fireworks integration mechanism that returns information to the active document if Fireworks is specified as the image editor. To prevent errors if no document is active, never call this function from the Site panel.

### **Arguments**

*fileURL, appURL*

- The *fileURL* argument is the path to the file to open, which is expressed as a file:// URL.
- The *appURL* argument is the path to the application with which to open the file, which is expressed as a file:// URL.

### **Returns**

Nothing.

## **dreamweaver.validateFlash()**

### **Availability**

Dreamweaver MX.

### **Description**

Determines whether Flash MX (or a later version) is installed on the local computer.

### **Arguments**

None.

**Returns**

A Boolean value: `true` if Flash MX (or a later version) is installed on the local computer; `false` otherwise.

**dom.insertFiles()****Availability**

Dreamweaver CS3.

**Description**

Inserts one or more files into the current document at the current insertion point or in place of the current selection, prompting the user for parameters, if necessary.

**Arguments:**

*strFiles*

- The *strFiles* argument is a string that specifies the file paths and names of the files to insert. Multiple filenames can be passed to this function.

**Returns**

Nothing

**dreamweaver.activateApp()****Availability**

Dreamweaver CS3.

**Description**

Makes the specified application the frontmost application.

**Arguments:**

*applicationID*

- The *applicationID* is a string that specifies the application to activate, such as `dreamweaver`.

**Returns**

Nothing

**dreamweaver.printDocument()****Availability**

Dreamweaver CS3.

**Description**

Performs the equivalent of the Dreamweaver File > Print Code command on the requested file.

**Arguments:***fileName*

- The *fileName* argument is a string that specifies the name of the file to print, expressed as a URL.

**Returns**

Nothing

**`dreamweaver.revealDocument()`****Availability**

Dreamweaver CS3.

**Description**

Gives Dreamweaver the operating-system focus and, if the specified file is open in Dreamweaver, brings it to the foreground.

**Arguments:***fileName*

- The *fileName* is a string that specifies the name of the file to reveal, expressed as a URL.

**Returns**

Nothing

**`dreamweaver.launchApp()`****Availability**

Dreamweaver CS5.

**Description**

Launches the specified application with optional command line arguments.

**Arguments:***fileURL*

- The *fileURL* is the path to the application specified as a `file://` URL.

*optionalArgs*

- The *optionalArgs* is a string that can be used to pass command line arguments to the specified application.

**Returns**

Nothing

**Example**

```
// Launches the notepad application to edit filefoo.txt file.  
dreamweaver.launchApp("file:///c:/windows/system32/notepad.exe", "c:\temp\foo.txt");  
// Launches myapp with some command line arguments.  
dreamweaver.launchApp("file:///c:/bin/myapp.exe", "-chrome false -print c:\temp\foo.txt");
```

## Global application functions

Global application functions act on the entire application. They handle tasks such as quitting and accessing Preferences.

### **dreamweaver.beep()**

**Availability**

Dreamweaver MX.

**Description**

Creates a system beep.

**Arguments**

None.

**Returns**

Nothing.

**Example**

The following example calls `dw.beep()` to call the user's attention to a message that the `alert()` function displays:

```
beep() {  
    if(confirm("Is your order complete?")  
    {  
        dreamweaver.beep();  
        alert("Click OK to submit your order");  
    }  
}
```

### **dreamweaver.getShowDialogsOnInsert()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether the Show Dialog When Inserting Objects option is turned on in the General category of Preferences.

**Arguments**

None.

**Returns**

A Boolean value that indicates whether the option is on.

## **dreamweaver.quitApplication()**

**Availability**

Dreamweaver 3.

**Description**

Quits Dreamweaver after the script that calls this function finishes executing.

**Arguments**

None.

**Returns**

Nothing.

## **dreamweaver.showAboutBox()**

**Availability**

Dreamweaver 3.

**Description**

Opens the About dialog box.

**Arguments**

None.

**Returns**

Nothing.

## **dreamweaver.showDynamicDataDialog()**

**Availability**

Dreamweaver UltraDev 1.

**Description**

Displays the Dynamic Data or the Dynamic Text dialog box, and waits for the user to dismiss the dialog box. If the user clicks OK, the `showDynamicDataDialog()` function returns a string to insert into the user's document. (This string returns from the Data Sources API function, `generateDynamicDataRef()`, and passes to the Data Format API function, `formatDynamicDataRef()`; the return value from `formatDynamicDataRef()` is the one that the `showDynamicDataDialog()` function returns.)

**Arguments**

*source, {title}*

- The *source* argument is a string that contains source code, which represents the dynamic data object. It is the same string that a previous call to this function returned. The function uses the contents of the *source* argument to initialize all the dialog box controls, so they appear exactly as when the user clicked OK to create this string.

Dreamweaver passes this string to the `inspectDynamicDataRef()` function to determine if the string matches any of the nodes in the tree. If the string matches a node, that node is selected when the dialog box appears. You can also pass an empty string, which does not initialize the dialog box. For example, a dialog box is not initialized when used to create a new item.

- The title argument, which is optional, is a string that contains the text to display in the title bar of the dialog box. If this argument is not supplied, Dreamweaver displays Dynamic Data in the title bar.

**Returns**

A string that represents the dynamic data object, if the user clicks OK.

## **dreamweaver.showPasteSpecialDialog()**

**Availability**

Dreamweaver 8.

**Description**

This function displays the Paste Special dialog box. If the user clicks OK, the `showPasteSpecialDialog()` function performs the paste.

**Arguments**

None.

**Returns**

Nothing.

**Example**

```
dw.showPasteSpecialDialog();
```

## **dreamweaver.showPreferencesDialog()**

**Availability**

Dreamweaver 3. Added the *strCategory* argument in Dreamweaver 8. Updated in CS4.

**Description**

This function opens the Preferences dialog box.

**Arguments**{*strCategory*}

- The *strCategory* argument, which is optional, must be one of the following strings to open the correlating category of the Preferences dialog box: general, accessibility, "html colors" (for the Code Coloring category), "html format" (for the Code Format category), "code hints", "html rewriting" (for the Code Rewriting category), copyPaste , "css styles", "file compare", "external editors" (for the File Types/Editors category), fonts, highlighting, "invisible elements", layers,"new document", floaters (for the Panels category), browsers, (for the Preview in Browser category), "site ftp" (for the Site category), "status bar", and validator. If Dreamweaver does not recognize the argument as a valid pane name, the dialog box opens to the last active pane. Dreamweaver does the same, if the argument is omitted.

**Returns**

Nothing.

**Example**

The following example opens the Preferences dialog box and selects the Code Coloring category:

```
dw.showPreferencesDialog("html colors");
```

**`dreamweaver.showTagChooser()`****Availability**

Dreamweaver MX.

**Description**

Toggles the visibility of the Tag Chooser dialog box for users to insert tags into the Code view. The function shows the Tag Chooser dialog box on top of all other Dreamweaver windows. If the dialog box is not visible, the function opens it, brings it to the front, and sets focus to it. If the Tag Chooser is visible, the function hides the dialog box.

**Arguments**

None.

**Returns**

Nothing.

**`dw.registerIdleHandler()`****Availability**

Dreamweaver CS3.

**Description**

This function registers a JavaScript function to be called on a periodic basis during idle processing time.

**Arguments***id, idleFunction, interval*

- The *id* argument is a unique string used to identify the idle task to register. To ensure uniqueness, prefix the ID with a unique identifier. For example you might want a beep every 5 seconds, but you wouldn't want to call the task "beep", because someone else might also have created a task of the same name. A better name would be something like "acme\_beep\_task", thus providing both context and uniqueness.
- The *idleFunction* argument is the JavaScript function to be called during idle processing time.
- The *interval* argument is the number of seconds between calls of *idleFunction*, subject to idle-time availability.

**Returns**

A Boolean value indicating whether the idle task was successfully registered.

**Example**

The following example causes the system to beep once every 5 seconds:

```
dw.registerIdleHandler("acme_beep_task", function() { dw.beep(); }, 5);
```

## **dw.revokidleHandler()**

**Availability**

Dreamweaver CS3.

**Description**

This function removes an idle task previously spawned by the `registerIdleHandler()` function. The intention is to provide a way to remove a previously registered idle task. If an idle task is expected to remain active until the application is terminated, it is unnecessary to call this function. In this case, the idle task is removed automatically before termination.

**Arguments***id*

- The *id* is a unique string used to identify the registered idle task to remove. This is the same ID that was initially used to register the task.

**Returns**

A Boolean value indicating whether the idle task was successfully removed.

**Example**

The following example removes the idle task known as "dw\_beep\_task" from the idle task queue:

```
dw.revokidleHandler("acme_beep_task");
```

## **Bridge communication functions**

The bridge communication functions allow communication between Dreamweaver and the Bridge application. One feature of this communication is to allow the user to browse files in Bridge easily from Dreamweaver.

## BridgeTalk.bringToFront()

### Availability

Dreamweaver CS3.

### Description

Makes the specified application the frontmost process, by calling the `BridgeTalk::bringToFront()` function.

### Arguments

*applicationID*

- The *applicationID* argument is a string, such as `bridge` or `dreamweaver`, that specifies the application to activate.

### Returns

Nothing

### Example

This example shows how Dreamweaver implements the `browseInBridge()` function. First, you create a `BridgeTalk` instance, then the two most important properties are set: `target` and `body`. `<target>` is the target application. In this case it is the Bridge application. Its identifier is `bridge`. `<body>` is the message to send. Usually `<body>` is a script that the target application can understand and execute after it is received. The `send()` function is called to send the `<body>` to the `<target>`.

```
if (!JJSBridge.isRunning('bridge'))  
{  
var bt = new BridgeTalk;  
var scriptSavePath = browsePath.replace(/['\\]/g, "\$&");  
var script = "app.document.thumbnail = new Thumbnail(decodeURI('" + scriptSavePath + "'));";  
// Send the script to bridge and give it 10 sec to launch before assuming an error.  
bt.target = "bridge";  
bt.body = script;  
result = bt.send(10);  
}  
if (result)  
BridgeTalk.bringToFront('bridge');
```

## Bridgetalk.send()

### Availability

Dreamweaver CS3.

### Description

Establishes communications with the Bridge application.

### Arguments:

*timeout*

- The *timeout* argument is an optional attribute that sets the time out interval in seconds.

**Returns**

A Boolean value indicating whether communication with the Bridge application was a success (`True` = success, `False` = fail).

**Example**

```
result = bridgeTalk.send(10);
```

## **BridgeTalk.suppressStartupScreen()**

**Availability**

Dreamweaver CS3.

**Description**

Searches the launch options for `-nostartupscreen` to determine whether to suppress the modal windows after startup.

**Returns**

A Boolean value indicating whether to suppress startup screens.

## **dw.browseInBridge()**

**Availability**

Dreamweaver CS3.

**Description**

Allows you to browse files in Bridge from Dreamweaver. The `dw.browseInBridge()` function launches the Bridge application. If Bridge is already running, `dw.browseInBridge` switches to the Bridge application.

**Arguments:**

None.

**Returns**

A Boolean value indicating whether the browsing script was sent to the Bridge application successfully (`true` = success, `false` = fail).

# Chapter 12: Workspace

Workspace API functions create or operate on an element of the Adobe® Dreamweaver® workspace. They perform tasks that include the following:

- Redoing steps that appear in the History panel
- Placing an object on the Insert bar
- Navigating with Keyboard functions
- Reloading menus
- Manipulating stand-alone or built-in results windows
- Setting options
- Positioning a toolbar
- Getting or setting focus

## History functions

History functions handle undoing, redoing, recording, and playing steps that appear in the History panel. A step is any repeatable change to the document or to a selection in the document. Methods of the `dreamweaver.historyPalette` object either control or act on the selection in the History panel, not in the current document.

### **dom.redo()**

#### **Availability**

Dreamweaver 3.

#### **Description**

Redoes the step that was most recently undone in the document.

#### **Arguments**

None.

#### **Returns**

Nothing.

#### **Enabler**

See “[dom.canRedo\(\)](#)” on page 494.

### **dom.undo()**

#### **Availability**

Dreamweaver 3.

**Description**

Undoes the previous step in the document.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canUndo\(\)](#)” on page 497.

## **dreamweaver.getRedoText()**

**Availability**

Dreamweaver 3.

**Description**

Gets the text that is associated with the editing operation that will be redone if the user selects Edit > Redo or presses Control+Y (Windows) or Command+Y (Macintosh).

**Arguments**

None.

**Returns**

A string that contains the text that is associated with the editing operation that will be redone.

**Example**

If the user’s last action applied bold to selected text, a call to the `dreamweaver.getRedoText()` function returns “Repeat Apply Bold”.

## **dreamweaver.getUndoText()**

**Availability**

Dreamweaver 3.

**Description**

Gets the text that is associated with the editing operation that will be undone if the user selects Edit > Undo or presses Control+Z (Windows) or Command+Z (Macintosh).

**Arguments**

None.

**Returns**

A string that contains the text that is associated with the editing operation that will be undone.

**Example**

If the user's last action applied a Cascading Style Sheet (CSS) style to a selected range of text, a call to the `dreamweaver.getUndoText()` function returns "Undo Apply <span>".

## **dreamweaver.playRecordedCommand()**

**Availability**

Dreamweaver 3.

**Description**

Plays the recorded command in the active document.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See "[dreamweaver.canPlayRecordedCommand\(\)](#)" on page 501.

## **dreamweaver.redo()**

**Availability**

Dreamweaver 3.

**Description**

Redoes the step that was most recently undone in the active Document window, dialog box, floating panel, or Site panel.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See "[dreamweaver.canRedo\(\)](#)" on page 502.

## **dreamweaver.startRecording()**

**Availability**

Dreamweaver 3.

**Description**

Starts recording steps in the active document; the previously recorded command is immediately discarded.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.isRecording\(\)](#)” on page 509 (must return a value of `false`).

## **dreamweaver.stopRecording()**

**Availability**

Dreamweaver 3.

**Description**

Stops recording without prompting the user.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.isRecording\(\)](#)” on page 509 (must return a value of `true`).

## **dreamweaver.undo()**

**Availability**

Dreamweaver 3.

**Description**

Undoes the previous step in the Document window, dialog box, floating panel, or Site panel that has focus.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canUndo\(\)](#)” on page 497.

## **dreamweaver.historyPalette.clearSteps()**

### **Availability**

Dreamweaver 3.

### **Description**

Clears all steps from the History panel and disables the Undo and Redo menu items.

### **Arguments**

None.

### **Returns**

Nothing.

## **dreamweaver.historyPalette.copySteps()**

### **Availability**

Dreamweaver 3.

### **Description**

Copies the specified history steps to the Clipboard. Dreamweaver warns the user about possible unintended consequences if the specified steps include an unrepeatable action.

### **Arguments**

*arrayOfIndices*

- The *arrayOfIndices* argument is an array of position indices in the History panel.

### **Returns**

A string that contains the JavaScript that corresponds to the specified history steps.

### **Example**

The following example copies the first four steps in the History panel:

```
dreamweaver.historyPalette.copySteps([0,1,2,3]);
```

## **dreamweaver.historyPalette.getSelectedSteps()**

### **Availability**

Dreamweaver 3.

### **Description**

Determines which portion of the History panel is selected.

### **Arguments**

None.

**Returns**

An array that contains the position indices of all the selected steps. The first position is position 0 (zero).

**Example**

If the second, third, and fourth steps are selected in the History panel, as shown in the following figure, a call to the `dreamweaver.historyPalette.getSelectedSteps()` function returns `[1, 2, 3]`:



## **dreamweaver.historyPalette.getStepCount()**

**Availability**

Dreamweaver 3.

**Description**

Gets the number of steps in the History panel.

**Arguments**

None.

**Returns**

An integer that represents the number of steps that are currently listed in the History panel.

## **dreamweaver.historyPalette.getStepsAsJavaScript()**

**Availability**

Dreamweaver 3.

**Description**

Gets the JavaScript equivalent of the specified history steps.

**Arguments**

*arrayOfIndices*

- The *arrayOfIndices* argument is an array of position indices in the History panel.

**Returns**

A string that contains the JavaScript that corresponds to the specified history steps.

### Example

If the three steps shown in the following example are selected in the History panel, a call to the `dreamweaver.historyPalette.getStepsAsJavaScript(dw.historyPalette.getSelectedSteps())` function returns `"dw.getDocumentDOM().insertText('Hey diddle diddle, a cat and a fiddle, the cow jumped over the moon.');//\n dw.getDocumentDOM().newBlock();\n dw.getDocumentDOM().insertHTML('<img\nsrc=\\"..../wdw99/50browsers/images/sun.gif\\">', true);\n":`



## **dreamweaver.historyPalette.getUndoState()**

### Availability

Dreamweaver 3.

### Description

Gets the current undo state.

### Arguments

None.

### Returns

The position of the Undo marker in the History panel.

## **dreamweaver.historyPalette.replaySteps()**

### Availability

Dreamweaver 3.

### Description

Replays the specified history steps in the active document. Dreamweaver warns the user of possible unintended consequences if the specified steps include an unrepeatable action.

### Arguments

*arrayOfIndices*

- The *arrayOfIndices* argument is an array of position indices in the History panel.

### Returns

A string that contains the JavaScript that corresponds to the specified history steps.

**Example**

A call to `dreamweaver.historyPalette.replaySteps([0,2,3])` function plays the first, third, and fourth steps in the History panel.

## **`dreamweaver.historyPalette.saveAsCommand()`**

**Availability**

Dreamweaver 3.

**Description**

Opens the Save As Command dialog box, which lets the user save the specified steps as a command. Dreamweaver warns the user of possible unintended consequences if the steps include an unrepeatable action.

**Arguments**

*arrayOfIndices*

- The *arrayOfIndices* argument is an array of position indexes in the History panel.

**Returns**

A string that contains the JavaScript that corresponds to the specified history steps.

**Example**

The following example saves the fourth, sixth, and eighth steps in the History panel as a command:

```
dreamweaver.historyPalette.saveAsCommand([3,5,7]);
```

## **`dreamweaver.historyPalette.setSelectedSteps()`**

**Availability**

Dreamweaver 3.

**Description**

Selects the specified steps in the History panel.

**Arguments**

*arrayOfIndices*

- The *arrayOfIndices* function is an array of position indices in the History panel. If no argument is supplied, all the steps are unselected.

**Returns**

Nothing.

**Example**

The following example selects the first, second, and third steps in the History panel

```
dreamweaver.historyPalette.setSelectedSteps([0,1,2]);
```

## **dreamweaver.historyPalette.setUndoState()**

### **Availability**

Dreamweaver 3.

### **Description**

Performs the correct number of undo or redo operations to arrive at the specified undo state.

### **Arguments**

*undoState*

- The *undoState* argument is the object that the `dreamweaver.historyPalette.getUndoState()` function returns.

### **Returns**

Nothing.

## **Insert object functions**

Insert object functions handle operations related to the objects on the Insert bar or listed on the Insert menu.

## **dreamweaver.objectPalette getMenuDefault()**

### **Availability**

Dreamweaver MX 2004.

### **Description**

Retrieves the ID string of the default item for the associated menu.

### **Arguments**

*menuId*

- The *menuId* argument is the string that defines the menu in the insertbar.xml file.

### **Returns**

A string value defining the ID of the default item.

### **Example**

The following example assigns the current default object for the Media menu to the `defID` variable:

```
var defID = dw.objectPalette.getMenuDefault("DW_Media");
```

## **dreamweaver.objectPalette.setMenuDefault()**

### **Availability**

Dreamweaver MX 2004.

**Description**

Sets the default object for a pop-up menu. The default object's icon represents the specified pop-up menu on the Insert bar. The user can click on the default object to insert it, or click on the arrow beside the default object to open the pop-up menu and see the other objects in that menu. Dreamweaver sets the new menu default the next time the user opens Dreamweaver or uses the Reload Extensions command.

**Arguments**

*menuId, defaultId*

- The *menuId* argument is the string that defines the menu in the insertbar.xml file.
- The *defaultId* argument is the string that defines the new default object in the insertbar.xml field.

**Returns**

A Boolean value: `true` if the new default is successfully set; `false` otherwise.

**Example**

The following example sets the Flash object as the default object for the Media menu:

```
dw.objectPalette.setMenuDefault("DW_Media", "DW_Flash");
```

## **dreamweaver.reloadObjects()**

**Availability**

Dreamweaver MX 2004.

**Description**

Reloads all the objects on the Insert bar. This function is the equivalent of Control+left-clicking the mouse on the Categories menu on the Insert bar and selecting the Reload Extensions menu option.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the objects were successfully loaded; `false` otherwise.

## **dom.convertActiveContent()**

**Availability**

Dreamweaver CS3.

**Description**

Converts all the active content in the given document.

**Arguments***forceUpdate*

- The *forceUpdate* argument is a Boolean value that indicates whether to override the user's preference settings (`true`, `= override`). This argument is optional.

**Returns**

A Boolean value: `true` if all active content was converted successfully. Returns `false` if some active content that needed to be converted was not converted, such as object tags in a locked region of a template instance.

**Example**

```
if( !dom.convertActiveContent(true) ) {  
    alert(dw.loadString("ActiveContent/notAllConverted"));  
}
```

**dom.convertNextActiveContent()****Availability**

Dreamweaver CS3.

**Description**

Specifies that the next object tag that is inserted (for the remainder of the current edit—one undoable action) has a script built for it. This function allows you to use a third-party extension to generate the appropriate script for the specific active content.

**Arguments**

None.

**Returns**

Nothing.

**Example**

```
dom.convertNextActiveContent();  
dom.insertHTML("<object classid=\"clsid:D27CDB6E-AE6D-11cf-96B8-444553540000\" codebase=\"  
http://download.Macromedia.com/pub/shockwave/cabs/flash/swflash.cab#version=7,0,19,0\"  
width=\"100\" height=\"22\"><param name=\"movie\" value=\"button1.swf\" /><param name=\"  
quality\" value=\"high\" /><embed src=\"button1.swf\" quality=\"high\" pluginspage=\"  
http://www.Macromedia.com/go/getflashplayer\" type=\"application/  
x-shockwave-flash\" width=\"100\" height=\"22\"></embed></object>");
```

## Keyboard functions

Keyboard functions mimic document navigation tasks that are accomplished by pressing the arrow, Backspace, Delete, Page Up, and Page Down keys. In addition to such general arrow and key functions as `arrowLeft()` and `backspaceKey()`, Dreamweaver also provides methods for moving to the next or previous word or paragraph as well as moving to the start of the line or document or the end of the line or document.

## dom.arrowDown()

### Availability

Dreamweaver 3.

### Description

Moves the insertion point down the specified number of times.

### Arguments

*{nTimes}, {bShiftIsDown}*

- The *nTimes* argument is the number of times that the insertion point must move down. If this argument is omitted, the default is 1.
- The *bShiftIsDown* argument is a Boolean value that indicates whether to extend the selection. If this argument is omitted, the default is `false`.

### Returns

Nothing.

## dom.arrowLeft()

### Availability

Dreamweaver 3.

### Description

Moves the insertion point to the left the specified number of times.

### Arguments

*{nTimes}, {bShiftIsDown}*

- The *nTimes* argument, which is optional, is the number of times that the insertion point must move left. If this argument is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether to extend the selection. If this argument is omitted, the default is `false`.

### Returns

Nothing.

## dom.arrowRight()

### Availability

Dreamweaver 3.

### Description

Moves the insertion point to the right the specified number of times.

**Arguments**{*nTimes*}, {*bShiftIsDown*}

- The *nTimes* argument, which is optional, is the number of times that the insertion point must move right. If this argument is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether to extend the selection. If this argument is omitted, the default is `false`.

**Returns**

Nothing.

## dom.arrowUp()

**Availability**

Dreamweaver 3.

**Description**

This function moves the insertion point up the specified number of times.

**Arguments**{*nTimes*}, {*bShiftIsDown*}

- The *nTimes* argument, which is optional, is the number of times that the insertion point must move up. If this argument is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether to extend the selection. If this argument is omitted, the default is `false`.

**Returns**

Nothing.

## dom.backspaceKey()

**Availability**

Dreamweaver 3.

**Description**

This function is equivalent to pressing the Backspace key a specified number of times. The exact behavior depends on whether there is a current selection or only an insertion point.

**Arguments**{*nTimes*}

- The *nTimes* argument, which is optional, is the number of times that a backspace operation must occur. If the argument is omitted, the default is 1.

**Returns**

Nothing.

## dom.deleteKey()

### Availability

Dreamweaver 3.

### Description

This function is equivalent to pressing the Delete key the specified number of times. The exact behavior depends on whether there is a current selection or only an insertion point.

### Arguments

{*nTimes*}

- The *nTimes* argument, which is optional, is the number of times that a delete operation must occur. If the argument is omitted, the default is 1.

### Returns

Nothing.

## dom.endOfDocument()

### Availability

Dreamweaver 3.

### Description

Moves the insertion point to the end of the document (that is, after the last visible content in the Document window or after the closing HTML tag in the Code inspector, depending on which window has focus).

### Arguments

{*bShiftIsDown*}

- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether to extend the selection. If the argument is omitted, the default is `false`.

### Returns

Nothing.

## dom.endOfLine()

### Availability

Dreamweaver 3.

### Description

Moves the insertion point to the end of the line.

**Arguments**{*bShiftIsDown*}

- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether to extend the selection. If this argument is omitted, the default is `false`.

**Returns**

Nothing.

## dom.nextParagraph()

**Availability**

Dreamweaver 3.

**Description**

Moves the insertion point to the beginning of the next paragraph or skips multiple paragraphs if *nTimes* is greater than 1.

**Arguments**{*nTimes*, {*bShiftIsDown*}

- The *nTimes* argument, which is optional, is the number of paragraphs that the insertion point must move ahead. If this argument is omitted, the default is 1.
- The *bShiftIsDown* argument is a Boolean value that indicates whether to extend the selection. If this argument is omitted, the default is `false`.

**Returns**

Nothing.

## dom.nextWord()

**Availability**

Dreamweaver 3.

**Description**

Moves the insertion point to the beginning of the next word or skips multiple words if *nTimes* is greater than 1.

**Arguments**{*nTimes*, {*bShiftIsDown*}

- The *nTimes* argument, which is optional, is the number of words that the insertion point must move ahead. If this argument is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether to extend the selection. If this argument is omitted, the default is `false`.

**Returns**

Nothing.

## dom.pageDown()

### Availability

Dreamweaver 3.

### Description

Moves the insertion point down one page (equivalent to pressing the Page Down key).

### Arguments

*{nTimes}, {bShiftIsDown}*

- The *nTimes* argument, which is optional, is the number of pages that the insertion point must move down. If this argument is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether to extend the selection. If this argument is omitted, the default is `false`.

### Returns

Nothing.

## dom.pageUp()

### Availability

Dreamweaver 3.

### Description

Moves the insertion point up one page (equivalent to pressing the Page Up key).

### Arguments

*{nTimes}, {bShiftIsDown}*

- The *nTimes* argument, which is optional, is the number of pages that the insertion point must move up. If this argument is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether to extend the selection. If this argument is omitted, the default is `false`.

### Returns

Nothing.

## dom.previousParagraph()

### Availability

Dreamweaver 3.

### Description

Moves the insertion point to the beginning of the previous paragraph or skips multiple paragraphs if *nTimes* is greater than 1.

**Arguments**{*nTimes*}, {*bShiftIsDown*}

- The *nTimes* argument, which is optional, is the number of paragraphs that the insertion point must move back. If this argument is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether to extend the selection. If this argument is omitted, the default is `false`.

**Returns**

Nothing.

## dom.previousWord()

**Availability**

Dreamweaver 3.

**Description**

Moves the insertion point to the beginning of the previous word or skips multiple words if *nTimes* is greater than 1.

**Arguments**{*nTimes*}, {*bShiftIsDown*}

- The *nTimes* argument, which is optional, is the number of words that the insertion point must move back. If this argument is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether to extend the selection. If this argument is omitted, the default is `false`.

**Returns**

Nothing.

## dom.startOfDocument()

**Availability**

Dreamweaver 3.

**Description**

Moves the insertion point to the beginning of the document (that is, before the first visible content in the Document window, or before the opening HTML tag in the Code inspector, depending on which window has focus).

**Arguments**{*bShiftIsDown*}

- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether to extend the selection. If this argument is omitted, the default is `false`.

**Returns**

Nothing.

## dom.startOfLine()

### Availability

Dreamweaver 3.

### Description

Moves the insertion point to the beginning of the line.

### Arguments

*{bShiftIsDown}*

- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether to extend the selection. If the argument is omitted, the default is `false`.

### Returns

Nothing.

## dreamweaver.mapKeyCodeToChar()

### Availability

Dreamweaver 4.

### Description

Takes a key code as retrieved from the event object's `keyCode` field and translates it to a character. You should check whether the key code is a special key, such as HOME, PGUP, and so on. If the key code is not a special key, this method can be used to translate it to a character code that is suitable for display to the user.

### Arguments

*keyCode*

- The *keyCode* argument is the key code to translate to a character.

### Returns

Returns the character code if mapping was successful. Returns 0 otherwise.

## Menu functions

Menu functions handle optimizing and reloading the menus in Dreamweaver. The `dreamweaver.getMenuNeedsUpdating()` function and the `dreamweaver.notifyMenuUpdated()` function are designed specifically to prevent unnecessary update routines from running on the dynamic menus that are built into Dreamweaver. See “[dreamweaver.getMenuNeedsUpdating\(\)](#)” on page 140 and “[dreamweaver.notifyMenuUpdated\(\)](#)” on page 140 for more information.

## **dreamweaver.getMenuNeedsUpdating()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether the specified menu needs to be updated.

### **Arguments**

*menuId*

- The *menuId* argument is a string that contains the value of the `id` attribute for the menu item, as specified in the `menus.xml` file.

### **Returns**

A Boolean value that indicates whether the menu needs to be updated. This function returns `false` only if `dreamweaver.notifyMenuUpdated()` has been called with this *menuId*, and the return value of *menuListFunction* has not changed. For more information, see “[dreamweaver.notifyMenuUpdated\(\)](#)” on page 140.

## **dreamweaver.notifyMenuUpdated()**

### **Availability**

Dreamweaver 3.

### **Description**

Notifies Dreamweaver when the specified menu needs to be updated.

### **Arguments**

*menuId, menuListFunction*

- The *menuId* argument is a string that contains the value of the `id` attribute for the menu item, as specified in the `menus.xml` file.
- The *menuListFunction* argument must be one of the following strings: `"dw.cssStylePalette.getStyles()", "dw.getDocumentDOM().getFrameNames()", "dw.getDocumentDOM().getEditableRegionList()", "dw.getBrowserList()", "dw.getRecentFileList()", "dw.getTranslatorList()", "dw.getFontList()", "dw.getDocumentList()", "dw.htmlStylePalette.getStyles()", or "site.getSites()"`.

### **Returns**

Nothing.

## **dreamweaver.reloadMenus()**

### **Availability**

Dreamweaver 3.

### **Description**

Reloads the entire menu structure from the `menus.xml` file in the Configuration folder.

**Arguments**

None.

**Returns**

Nothing.

## Results window functions

Results window functions let you interact with the built-in panels in the Results panel group or create a stand-alone window that displays columns of formatted data.

### The built-in Results panel group

These functions produce output in the Results panel group. The Results panel group displays tabbed panels for searches, source validation, sitewide reports, browser compatibility checking, server debugging, FTP logging, and link checking.

#### Specific child panels

The following child panels are built-in Results windows that always exist in the Dreamweaver interface and can be accessed directly.

- `dreamweaver.resultsPalette.siteReports`
- `dreamweaver.resultsPalette.validator`
- `dreamweaver.resultsPalette.bcc`

Because these panels are Results windows, you can use the following methods that are defined for stand-alone Results windows:

- `getItem()`
- `getItemCount()`
- `getSelectedItem()`
- `setSelectedItem()`

For more information about using the `resWin` methods, see “[A stand-alone results window](#)” on page 146.

#### The active child panel

The following general API functions apply to whichever child panel is active. Some child panels might ignore some of these functions. If the active child panel does not support the function, calling it has no effect.

### **`dreamweaver.showResults()`**

**Availability**

Dreamweaver MX 2004.

**Description**

Opens the specified results floating panel and selects the item.

**Note:** This function is supported only in the Validation, Browser Compatibility Check, and Site Reports panels of the Results panel group.

### Arguments

*floaterName, floaterIndex*

- The *floaterName* argument is a string that specifies the results floating panel to open. Valid values are 'validation', or 'reports'.
- The *floaterIndex* argument is a number or string. Use a number to specify the index of an item to select in the Results panel. Use a string to specify the URL of a document. If you specify a URL, the function selects the first visible item for that document.

### Returns

Nothing.

### Example

The following example checks for errors at the offset of the current selection in the document and, if errors are present, displays them in the specified window (*floaterName*) of the Results panel. Otherwise, it opens the Browser Compatibility Check window of the Results panel and displays the first visible item for the current document.

```
var offset = dw.getDocumentDOM().source.getSelection() [0];
var errors = dw.getDocumentDOM().source.getValidationErrorsForOffset(offset);
if ( errors && errors.length > 0 )
    dw.showResults( errors[0].floaterName, errors[0].floaterIndex );
else
    dw.showResults('bcc', dw.getDocumentDOM().URL);
```

## **dreamweaver.resultsPalette.siteReports.addItem()**

### Availability

Dreamweaver 4.

### Description

Adds a new results entry to the Site Reports panel, based on the information in the file that the `processfile()` function processes.

This function is only available in the `processFile()` callback of a site report. For details on site reports, see "Reports" in *Extending Dreamweaver*.

### Arguments

*strFilePath, strIcon, strDisplay, strDesc, {iLineNo}, {iStartSel}, {iEndSel}*

- The *strFilePath* argument is a fully qualified URL path of the file to process.
- The *strIcon* argument is the path to the icon to use. To display a built-in icon, use a value "1" through "10" instead of the fully qualified path for the icon (use "0" for no icon). The following table shows the icons that correspond to the values of "1" through "10":

1 2 3 4 5 6 7 8 9 10



- The *strDisplay* argument is the string to display to the user in the first column of the Results window (usually, the filename).
- The *strDesc* argument is the description that goes with the entry.
- The *iLineNo* argument is the number of lines in the file (optional).
- The *iStartSel* argument is the start of offset into the file (optional, but if it is used, the *iEndSel* argument must also be used.).
- The *iEndSel* argument is the end of offset into the file (required if *iStartSel* is used).

**Returns**

Nothing.

## **dreamweaver.resultsPalette.clear()**

**Availability**

Dreamweaver MX.

**Description**

Clears the contents of the panel in focus.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.resultsPalette.canClear\(\)](#)” on page 510.

## **dreamweaver.resultsPalette.Copy()**

**Availability**

Dreamweaver MX.

**Description**

Sends a copied message to the window that is in focus (often used for the FTP logging window).

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.resultsPalette.canCopy\(\)](#)” on page 510.

## **dreamweaver.resultsPalette.cut()**

**Availability**

Dreamweaver MX.

**Description**

Sends a cut message to the window in focus (often used for the FTP logging window).

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.resultsPalette.canCut\(\)](#)” on page 510.

## **dreamweaver.resultsPalette.Paste()**

**Availability**

Dreamweaver MX.

**Description**

Sends a pasted message to the window in focus (often used for the FTP logging window).

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.resultsPalette.canPaste\(\)](#)” on page 511.

## **dreamweaver.resultsPalette.openInBrowser**

**Availability**

Dreamweaver MX.

**Description**

Sends a report (Site Reports, Browser Target Check, Validation, and Link Checker) to the default browser.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.resultsPalette.canOpenInBrowser\(\)](#)” on page 511.

## **dreamweaver.resultsPalette.openInEditor()**

**Availability**

Dreamweaver MX.

**Description**

Jumps to the selected line for specific reports (Site Reports, Browser Target Check, Validation, and Link Checker), and opens the document in the editor.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.resultsPalette.canOpenInEditor\(\)](#)” on page 511.

## **dreamweaver.resultsPalette.save()**

**Availability**

Dreamweaver MX.

**Description**

Opens the Save dialog box for a window that supports the Save function (Site Reports, Browser Target Check, Validation, and Link Checker).

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.resultsPalette.canSave\(\)](#)” on page 512.

## **dreamweaver.resultsPalette.selectAll()**

### **Availability**

Dreamweaver MX.

### **Description**

Sends a Select All command to the window in focus.

### **Arguments**

None.

### **Returns**

Nothing.

### **Enabler**

See “[dreamweaver.resultsPalette.canSelectAll\(\)](#)” on page 512.

## **A stand-alone results window**

The `dreamweaver.createResultsWindow()` function, creates a results window.

## **dreamweaver.createResultsWindow()**

### **Availability**

Dreamweaver 4.

### **Description**

Creates a new Results window and returns a JavaScript object reference to the window.

### **Arguments**

*strName, arrColumns*

- The *strName* argument is the string to use for the window’s title.
- The *arrColumns* argument is an array of column names to use in the list control.

### **Returns**

An object reference to the created window.

## **resWin.addItem()**

### **Availability**

Dreamweaver 4.

### **Description**

Adds a new item to the Results window.

**Note:** Use only on stand-alone results windows created with “[dreamweaver.createResultsWindow\(\)](#)” on page 146. The `resWin.addItem()` function cannot be used with the built-in results windows, including Validation, Browser Compatibility Check, or Site Reports.

### Arguments

`resultWindowObj, strIcon, strDesc, itemData, iStartSel, iEndSel, colNdata`

- The `resultWindowObj` argument is the object that the `createResultsWindow()` function returns.
- The `strIcon` argument is a string that specifies the path to the icon to use. To display a built-in icon, use a value "1" through "10" instead of the fully qualified path of the icon. Specify "0" (zero) for no icon. The following table shows the icons that correspond to the values of "1" through "10":

1 2 3 4 5 6 7 8 9 10

- The `strDesc` argument is a detailed description of the item. Specify "0" if there is no description.
- The `itemData` argument is a string you can use to store specific data about the item being added such as a document line number.
- The `iStartSel` argument is the start of selection offset in the file. Specify the value `null` if you are not specifying an offset.
- The `iEndSel` argument is the end of selection offset in the file. Specify the value `null` if you are not specifying an offset.
- The `colNdata` argument is an array of strings that provide the data for each column (that is, if there are 3 columns, an array of 3 strings).

### Returns

A Boolean value: `true` if the item was added successfully; `false` otherwise.

### Example

The following example creates a Results window called `resWin` that has the column headings: Frodo, Sam, and Gollum. The call to the `resWin.addItem()` function adds a folder icon and then the three strings, `msg1`, `msg2`, and `msg3` into the three columns defined for the window.

```
var resWin = dw.createResultsWindow("Test Window", ["Frodo", "Sam", "Gollum"]);  
resWin.addItem(resWin, "3", "Description", null, null, null, ["msg1", "msg2", "msg3"]);
```

## resWin.getItem()

### Availability

Dreamweaver 4.

### Description

Retrieves an array of items that include the name of the command that added the item and the same strings that were passed to the `addItem()` function.

**Arguments***itemIndex*

- The *itemIndex* argument is the index of the item whose data is to be retrieved.

**Returns**

An array of strings. The first element in the array is the name of the command that added the item; the remaining elements are the same strings that were passed to the `addItem()` function.

**resWin.getItemCount()****Availability**

Dreamweaver 4.

**Description**

Retrieves the number of items in the list.

**Arguments**

None.

**Returns**

The number of items in the list.

**resWin.getSelectedItem()****Availability**

Dreamweaver 4.

**Description**

Retrieves the index of the selected item.

**Arguments**

None.

**Returns**

The index of the currently selected item.

**resWin.setButtons()****Availability**

Dreamweaver 4.

**Description**

Sets the buttons specified by the *arrButtons* argument.

**Arguments***cmdDoc, arrButtons*

- The *cmdDoc* argument is a document object that represents the command that is calling the function. Commands should use the keyword *this*.
- The *arrButtons* argument is an array of strings that correspond to the button text and the JavaScript code to execute when the button is clicked. This is similar to the way the `commandButtons()` function works for commands. Only two buttons can be set in the window.

**Returns**

Nothing.

**resWin.setCallbackCommands()****Availability**

Dreamweaver 4.

**Description**

Tells the Results window on which commands to call the `processFile()` method. If this function is not called, the command that created the Results window is called.

**Arguments***arrCmdNames*

- The *arrCmdNames* argument is an array of command names on which to call the `processFile()` function.

**Returns**

Nothing.

**resWin.setColumnWidths()****Availability**

Dreamweaver 4.

**Description**

Sets the width of each column.

**Arguments***arrWidth*

- The *arrWidth* argument is an array of integers that represents the widths to use for each column in the control.

**Returns**

Nothing.

## **resWin.setFileList()**

### **Availability**

Dreamweaver 4.

### **Description**

Gives the Results window a list of files, folders, or both to call a set of commands to process.

### **Arguments**

*arrFilePaths, bRecursive*

- The *arrFilePaths* argument is an array of file or folder paths to iterate through.
- The *bRecursive* argument is a Boolean value that indicates whether the iteration should be recursive (`true`) or not (`false`).

### **Returns**

Nothing.

## **resWin.setSelectedItem()**

### **Availability**

Dreamweaver 4.

### **Description**

Sets the selected item to the one specified by *itemIndex*.

### **Arguments**

*itemIndex*

- The index of the item in the list to select.

### **Returns**

The index of the previously selected item

## **resWin.setTitle()**

### **Availability**

Dreamweaver 4.

### **Description**

Sets the title of the window.

### **Arguments**

*strTitle*

- The *strTitle* argument is the new name of the floating panel.

**Returns**

Nothing.

**resWin.startProcessing()****Availability**

Dreamweaver 4.

**Description**

Starts processing the file.

**Arguments**

None.

**Returns**

Nothing.

**resWin.stopProcessing()****Availability**

Dreamweaver 4.

**Description**

Stops processing the file.

**Arguments**

None.

**Returns**

Nothing.

**Server debugging**

Dreamweaver can request files from Adobe ColdFusion and display the response in its embedded browser. When the response returns from the server, Dreamweaver searches the response for a packet of XML that has a known signature. If Dreamweaver finds XML with that signature, it processes the XML and displays the contained information in a tree control. This tree displays information about the following items:

- All templates, custom tags, and include files that are used to generate the rendered CFM page
- Exceptions
- SQL queries
- Object queries
- Variables
- Trace trail

Additionally, the Server Debug panel can display debug data from other server models. To set up Dreamweaver to debug other server models, use the `dreamweaver.resultsPalette.debugWindow.addDebugContextData()` function.

## **`dreamweaver.resultsPalette.debugWindow.addDebugContextData()`**

### **Availability**

Dreamweaver MX.

### **Description**

Interprets a customized XML file that returns from the server that is specified in the Site Definition dialog box. The contents of the XML file display as tree data in the Server Debug panel, so you can use the Server Debug panel to evaluate server-generated content from various server models.

### **Arguments**

#### *treedata*

- The *treedata* argument is the XML string that the server returns. The XML string should use the following formatting:

server debug node	Root node for the debug XML data
debugnode	Corresponds to every node
context	Name of item that appears in the context list
icon	Icon to use for tree node
name	Name to display
value	Value to display
timestamp	Only applicable to context node

The following strings are optional:

jumptoline	Link to a specific line number
template	Name of the template file part of the URL
path	Path of the file from server point of view
line number	Line number within the file
start position	Opening character offset within the line
end position	Ending character offset within the line

For example:

```
<serverdebuginfo>
  <context>
    <template><! [CDATA [/ooo/master.cfm] ></template>
    <path><! [CDATA [C:\server\wwwroot\ooo\master.cfm] ></path>
    <timestamp><! [CDATA [0:0:0.0] ></timestamp>
  </context>
  <debugnode>
    <name><! [CDATA [CGI]] ></name>
    <icon><! [CDATA [ServerDebugOutput/ColdFusion/CGIVariables.gif]] ></icon>
    <debugnode>
      <name><! [CDATA [Pubs.name.sourceURL]] ></name>
      <icon><! [CDATA [ServerDebugOutput/ColdFusion/Variable.gif]] ></icon>
      <value><! [CDATA [jdbc:Macromedia:sqlserver:
        //name.Macromedia.com:1111;databaseName=Pubs]] ></value>
    </debugnode>
  </debugnode>
  <debugnode>
    <name><! [CDATA [Element Snippet is undefined in class
coldfusion.compiler.TagInfoNotFoundException]] ></name>
    <icon><! [CDATA [ServerDebugOutput/ColdFusion/Exception.gif]] ></icon>
    <jumptoline linenumber="3" startposition="2" endposition="20">
      <template><! [CDATA [/ooo/master.cfm] ></template>
      <path><! [CDATA [C:\Neo\wwwroot\ooo\master.cfm] ></path>
    </jumptoline>
  </debugnode>
</serverdebuginfo>
```

**Returns**

Nothing.

## Toggle functions

Toggle functions get and set various options either on or off.

### **dom.getEditNoFramesContent()**

**Availability**

Dreamweaver 3.

**Description**

This function gets the current state of the Modify > Frameset > Edit NoFrames Content option.

**Arguments**

None.

**Returns**

A Boolean value: `true` indicates the NOFRAMES content is the active view; `false` otherwise.

## **dom.getHideAllVisualAids()**

### **Availability**

Dreamweaver 4.

### **Description**

This function determines whether visual aids are set as hidden.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` sets Hide All Visual Aids to hidden; `false` otherwise.

## **dom.getPreventLayerOverlaps()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets the current state of the Prevent Layer Overlaps option.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` turns on the Prevent Layer Overlaps option; `false` otherwise.

## **dom.getShowAutoIndent()**

### **Availability**

Dreamweaver 4.

### **Description**

This function determines whether auto-indenting is on in the Code view of the document window.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if auto-indenting is on; `false` otherwise.

## **dom.getShowFrameBorders()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets the current state of the View > Frame Borders option.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` indicates frame borders are visible; `false` otherwise.

## **dom.getShowGrid()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets the current state of the View > Grid > Show option.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` indicates the grid is visible; `false` otherwise.

## **dom.getShowHeadView()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets the current state of the View > Head Content option.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` indicates the head content is visible; `false` otherwise.

## **dom.getShowInvalidHTML()**

### **Availability**

Dreamweaver 4.

### **Description**

This function determines whether invalid HTML code is currently highlighted in the Code view of the document window.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if invalid HTML code is highlighted; `false` otherwise.

## **dom.getShowImageMaps()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets the current state of the View > Image Maps option.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` indicates the image maps are visible; `false` otherwise.

## **dom.getShowInvisibleElements()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets the current state of the View > Invisible Elements option.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` indicates the invisible element markers are visible; `false` otherwise.

## **dom.getShowLayerBorders()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets the current state of the View > Layer Borders option.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` indicates the layer borders are visible; `false` otherwise.

## **dom.getShowLineNumbers()**

### **Availability**

Dreamweaver 4.

### **Description**

This function determines whether line numbers are shown in the Code view.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` indicates the line numbers are shown; `false` otherwise.

## **dom.getShowRulers()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets the current state of the View > Rulers > Show option.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` indicates the rulers are visible; `false` otherwise.

## **dom.getShowSyntaxColoring()**

### **Availability**

Dreamweaver 4.

### **Description**

This function determines whether syntax coloring is on in the Code view of the document window.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if syntax coloring is on; `false` otherwise.

## **dom.getShowTableBorders()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets the current state of the View > Table Borders option.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` indicates the table borders are visible; `false` otherwise.

## **dom.getShowToolbar()**

### **Availability**

Dreamweaver 4.

### **Description**

This function determines whether the toolbar appears.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the toolbar appears; `false` otherwise.

## **dom.getShowTracingImage()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets the current state of the View > Tracing Image > Show option.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` indicates the option is on; `false` otherwise.

## **dom.getShowWordWrap()**

### **Availability**

Dreamweaver 4.

### **Description**

This function determines whether word wrap is on in the Code view of the document window.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if word wrap is on; `false` otherwise.

## **dom.getSnapToGrid()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets the current state of the View > Grid > Snap To option.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` indicates that the snap-to-grid option is on; `false` otherwise.

## dom.setEditNoFramesContent()

### Availability

Dreamweaver 3.

### Description

This function toggles the Modify > Frameset > Edit NoFrames Content option on and off.

### Arguments

*bEditNoFrames*

- The *bEditNoFrames* argument is a Boolean value: `true` turns on the Edit NoFrames Content option; `false` turns it off.

### Returns

Nothing.

### Enabler

See “[dom.canEditNoFramesContent\(\)](#)” on page 491.

## dom.setHideAllVisualAids()

### Availability

Dreamweaver 4.

### Description

This function turns off the display of all borders, image maps, and invisible elements, regardless of their individual settings in the View menu.

### Arguments

*bSet*

- The *bSet* argument is a Boolean value: `true` hides visual aids; `false` otherwise.

### Returns

Nothing.

## dom.setPreventLayerOverlaps()

### Availability

Dreamweaver 3.

### Description

This function toggles the Prevent Layer Overlaps option on and off.

**Arguments***bPreventLayerOverlaps*

- The *bPreventLayerOverlaps* argument is a Boolean value: `true` turns on the Prevent Layer Overlaps option; `false` turns it off.

**Returns**

Nothing.

## dom.setShowFrameBorders()

**Availability**

Dreamweaver 3.

**Description**

This function toggles the View &gt; Frame Borders option on and off.

**Arguments***bShowFrameBorders*

- The *bShowFrameBorders* argument is a Boolean value: `true` turns the Frame Borders on; `false` otherwise.

**Returns**

Nothing.

## dom.setShowGrid()

**Availability**

Dreamweaver 3.

**Description**

This function toggles the View &gt; Grid &gt; Show option on and off.

**Arguments***bShowGrid*

- The *bShowGrid* argument is a Boolean value: `true` turns on the View > Grid > Show option; `false` turns it off.

**Returns**

Nothing.

## dom.setShowHeadView()

**Availability**

Dreamweaver 3.

**Description**

This function toggles the View > Head Content option on and off.

**Arguments**

*bShowHead*

- The *bShowHead* argument is a Boolean value: `true` turns on the Head Content option; `false` turns it off.

**Returns**

Nothing.

## **dom.setShowInvalidHTML()**

**Availability**

Dreamweaver 4.

**Description**

This function turns highlighting of invalid HTML code on or off in the Code view of the document window.

This function determines whether invalid HTML code is currently highlighted.

**Arguments**

*bShow*

- The *bShow* argument is a Boolean value: `true` indicates that highlighting invalid HTML code is visible; `false` otherwise.

**Returns**

Nothing.

## **dom.setShowImageMaps()**

**Availability**

Dreamweaver 3.

**Description**

This function toggles the View > Image Maps option on and off.

**Arguments**

*bShowImageMaps*

- The *bShowImageMaps* argument is a Boolean value, `true` turns on the Image Maps option; `false` turns it off.

**Returns**

Nothing.

## dom.setShowInvisibleElements()

### Availability

Dreamweaver 3.

### Description

This function toggles the View > Invisible Elements option on and off.

### Arguments

*bViewInvisibleElements*

- The *bViewInvisibleElements* argument is a Boolean value: `true` turns on the Invisible Elements option; `false` turns it off.

### Returns

Nothing.

## dom.setShowLayerBorders()

### Availability

Dreamweaver 3.

### Description

This function toggles the View > Layer Borders option on and off.

### Arguments

*bShowLayerBorders*

- The *bShowLayerBorders* argument is a Boolean value, `true` turns on the Layer Borders option; `false` turns it off.

### Returns

Nothing.

## dom.setShowLineNumbers()

### Availability

Dreamweaver 4.

### Description

This function shows or hides the line numbers in the Code view of the document window.

### Arguments

*bShow*

- The *bShow* argument is a Boolean value: `true` indicates the line numbers should be visible; `false` hides them.

**Returns**

Nothing.

## **dom.setShowRulers()**

**Availability**

Dreamweaver 3.

**Description**

This function toggles the View >Rulers > Show option on and off.

**Arguments**

*bShowRulers*

- The *bShowRulers* argument is a Boolean value: `true` turns on the Show option; `false` turns it off.

**Returns**

Nothing.

## **dom.setShowSyntaxColoring()**

**Availability**

Dreamweaver 4.

**Description**

This function turns syntax coloring on or off in the Code view of the document window.

**Arguments**

*bShow*

- The *bShow* argument is a Boolean value: `true` indicates that syntax coloring should be visible; `false` otherwise.

**Returns**

Nothing.

## **dom.setShowTableBorders()**

**Availability**

Dreamweaver 3.

**Description**

This function toggles the View > Table Borders option on and off.

**Arguments**

*bShowTableBorders*

- The *bShowTableBorders* argument is a Boolean value: `true` turns on the Table Borders option; `false` turns it off.

**Returns**

Nothing.

**dom.setShowToolbar()****Availability**

Dreamweaver 4.

**Description**

This function shows or hides the Toolbar.

**Arguments**

*bShow*

- The *bShow* argument is a Boolean value: `true` indicates the toolbar should be visible; `false` otherwise.

**Returns**

Nothing.

**dom.setShowTracingImage()****Availability**

Dreamweaver 3.

**Description**

This function toggles the View > Tracing Image > Show option on and off.

**Arguments**

*bShowTracingImage*

- The *bShowTracingImage* argument is a Boolean value: `true` turns on the Show option; `false` turns it off.

**Returns**

Nothing.

**dom.setShowWordWrap()****Availability**

Dreamweaver 4.

**Description**

This function toggles the Word Wrap option off or on in the Code view of the document window.

**Arguments**

*bShow*

- The *bShow* argument is a Boolean value: `true` indicates that the lines should wrap; `false` otherwise.

**Returns**

Nothing.

**dom.setSnapToGrid()****Availability**

Dreamweaver 3.

**Description**

This function toggles the View > Grid > Snap To option on or off.

**Arguments**

*bSnapToGrid*

- The *bSnapToGrid* argument is a Boolean value: `true` turns on the Snap To option; `false` turns it off.

**Returns**

Nothing.

**dreamweaver.getHideAllFloaters()****Availability**

Dreamweaver 3, and updated in CS4.

**Description**

Determines if all panels, docked or floating, are hidden. The result does not include the visibility state of the Insert bar. It does not consider the following components hidden:

- The closed panels
- The collapsed tab groups
- The collapsed panels

*Note:* The result does not include the Insert bar, but includes the Insert panel.

**Arguments**

None.

**Returns**

A Boolean value: `true` if all panels are hidden, `false` otherwise.

**dreamweaver.getShowStatusBar()****Availability**

Dreamweaver 3.

**Description**

This function gets the current state of the View > Status Bar option.

**Arguments**

None.

**Returns**

A Boolean value: `true` indicates the status bar is visible; `false` otherwise.

## **`dreamweaver.htmlInspector.getShowAutoIndent()`**

**Availability**

Dreamweaver 4.

**Description**

This function determines whether the Auto Indent option is on in the Code inspector.

**Arguments**

None.

**Returns**

A Boolean value: `true` if auto-indenting is on; `false` otherwise.

## **`dreamweaver.htmlInspector.getShowInvalidHTML()`**

**Availability**

Dreamweaver 4.

**Description**

This function determines whether invalid HTML code is currently highlighted in the Code inspector.

**Arguments**

None.

**Returns**

A Boolean value: `true` if invalid HTML code is highlighted; `false` otherwise.

## **`dreamweaver.htmlInspector.getShowLineNumbers()`**

**Availability**

Dreamweaver 4.

**Description**

This function determines whether line numbers appear in the Code inspector.

**Arguments**

None.

**Returns**

A Boolean value: `true` if line numbers appear; `false` otherwise.

## **`dreamweaver.htmlInspector.getShowSyntaxColoring()`**

**Availability**

Dreamweaver 4.

**Description**

This function determines whether syntax coloring is on in the Code inspector.

**Arguments**

None.

**Returns**

A Boolean value: `true` if syntax coloring is on; `false` otherwise.

## **`dreamweaver.htmlInspector.getShowWordWrap()`**

**Availability**

Dreamweaver 4.

**Description**

This function determines whether the Word Wrap is on in the Code inspector.

**Arguments**

None.

**Returns**

A Boolean value: `true` if word wrap is on; `false` otherwise.

## **`dreamweaver.htmlInspector.setShowAutoIndent()`**

**Availability**

Dreamweaver 4.

**Description**

This function turns the Auto Indent option on or off in the Code inspector.

**Arguments**

*bShow*

- The *bShow* argument is a Boolean value: `true` turns the auto-indenting on; `false` turns it off.

**Returns**

Nothing.

**`dreamweaver.htmlInspector.setShowInvalidHTML()`****Availability**

Dreamweaver 4.

**Description**

This function turns highlighting of invalid HTML code on or off in the Code inspector.

**Arguments**

*bShow*

- The *bShow* argument is a Boolean value: `true` indicates that the highlighting of invalid HTML code should be visible; `false` indicates it should not.

**Returns**

Nothing.

**`dreamweaver.htmlInspector.setShowLineNumbers()`****Availability**

Dreamweaver 4.

**Description**

This function shows or hides the line numbers in the Code view of the Code inspector.

**Arguments**

*bShow*

- The *bShow* argument is a Boolean value: `true` sets the line numbers to visible; `false` hides them.

**Returns**

Nothing.

**`dreamweaver.htmlInspector.setShowSyntaxColoring()`****Availability**

Dreamweaver 4.

**Description**

This function turns syntax coloring on or off in the Code view of the Code inspector.

**Arguments***bShow*

- The *bShow* argument is a Boolean value: `true` indicates that the syntax coloring should be visible; `false` turns it off.

**Returns**

Nothing.

**`dreamweaver.htmlInspector.setShowWordWrap()`****Availability**

Dreamweaver 4.

**Description**

This function turns the Word Wrap option off or on in the Code inspector.

**Arguments***bShow*

- The *bShow* argument is a Boolean value: `true` turns Word Wrap on; `false` turns it off.

**Returns**

Nothing.

**`dreamweaver.setHideAllFloaters()`****Availability**

Dreamweaver 3, and updated in CS4.

**Description**

This function shows or hides all panels. This operation does not affect the Insert Bar.

**Arguments***bShowFloatingPalettes*

- The *bShowFloatingPalettes* argument is a Boolean value: `true` to hide all panels; `false` to show all panels. When any panel is visible, passing `false` shows the remaining panels. When all panels are visible, passing `false` has no effect.

**Note:** This command does not hide any panels unless all panels are visible. Therefore, passing `true` when any panel is visible has no effect.

**Returns**

Nothing.

## **dreamweaver.setShowStatusBar()**

### **Availability**

Dreamweaver 3.

### **Description**

This function toggles the View > Status Bar option on or off.

### **Arguments**

*bShowStatusBar*

- The *bShowStatusBar* argument is a Boolean value: `true` turns on the Status Bar option; `false` turns it off.

### **Returns**

Nothing.

## **site.getShowToolTips()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets the current state of the Tool Tips option.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` indicates that the tool tips are visible in the Site panel; `false` otherwise.

## **site.setShowToolTips()**

### **Availability**

Dreamweaver 3.

### **Description**

This function toggles the Tool Tips option on or off.

### **Arguments**

*bShowToolTips*

- The *bShowToolTips* argument is a Boolean value: `true` turns on the Tool Tips option; `false` turns it off.

### **Returns**

Nothing.

## Toolbar functions

The following JavaScript functions let you get and set the visibility of toolbars and toolbar labels, obtain the labels of toolbar items in the current window, position toolbars, and obtain toolbar IDs. For more information on creating or modifying toolbars, see “Toolbars” in Extending Dreamweaver Help.

### **dom.getShowToolbarIconLabels()**

#### **Availability**

Dreamweaver MX.

#### **Description**

This function determines whether labels for buttons are visible in the current document window. Dreamweaver always shows labels for non-button controls, if the labels are defined.

#### **Arguments**

None.

#### **Returns**

A Boolean value: `true` if labels for buttons are visible in the current document window; `false` otherwise.

#### **Example**

The following example makes labels for buttons visible:

```
var dom = dw.getDocumentDom();
if (dom.getShowToolbarIconLabels() == false)
{
    dom.setShowToolbarIconLabels(true);
}
```

### **dom.getToolbarIdArray()**

#### **Availability**

Dreamweaver MX.

#### **Description**

This function returns an array of the IDs of all the toolbars in the application. You can use `dom.getToolbarIdArray()` to turn off all toolbars so you can reposition them and make only a specific set visible.

#### **Arguments**

None.

#### **Returns**

An array of all toolbar IDs.

#### **Example**

The following example stores the array of toolbar IDs in the `tb_ids` variable:

```
var tb_ids = new Array();
tb_ids = dom.getToolbarIdArray();
```

## dom.getToolbarItemValue()

### Availability

Dreamweaver MX 2004.

### Description

Gets the value of the specified toolbar item.

### Arguments

*toolbarID, itemID*

- The *toolbarID* argument is a string that specifies the ID of the toolbar that contains the item for which you want a value.
- The *itemID* argument is a string that specifies the ID of the item for which you want the value.

### Returns

A string that represents the value of the toolbar item.

### Example

The following example of `receiveArguments()` is in a toolbar command that controls the behavior of a Size text field; it gets the value of the Size field as an argument and then reads the value of the Units field in order to produce a valid value for the CSS property `font-size` function:

```
receiveArguments(newSize) {
    var dom = dw.getDocumentDOM();
    if (newSize != "") {
        dom.applyFontMarkupAsStyle('font-size', newSize +
            dom.getToolbarItemValue("DW_Toolbar_Text", "DW_Text_Units"));
    }
    else{
        dom.removeFontMarkupAsStyle('font-size');
    }
}
```

## dom.getToolbarLabel()

### Availability

Dreamweaver MX.

### Description

This function obtains the label of the specified toolbar. You can use `dom.getToolbarLabel()` for menus that show or hide toolbars.

**Arguments***toolbar\_id*

- The *toolbar\_id* argument is the ID of the toolbar, which is the value of the ID attribute on the toolbar tag in the toolbars.xml file.

**Returns**

The *label* name string that is assigned as an attribute on the toolbar tag.

**Example**

The following example stores the label for `myEditbar` in the variable `label`:

```
var label = dom.getToolbarLabel("myEditbar");
```

## dom.getToolbarVisibility()

**Availability**

Dreamweaver MX.

**Description**

This function returns a Boolean value that indicates whether the toolbar that is specified by *toolbar\_id* is visible.

**Arguments***toolbar\_id*

- The *toolbar\_id* argument is the ID string that is assigned to the toolbar.

**Returns**

A Boolean value: `true` if the toolbar is visible, `false` if the toolbar is not visible or does not exist.

**Example**

The following example checks whether the toolbar `myEditbar` is visible in the document window, and then stores that value in the `retval` variable:

```
var retval = dom.getToolbarVisibility("myEditbar");
return retval;
```

## dom.setToolbarItemAttribute()

**Availability**

Dreamweaver MX 2004.

**Description**

Changes an attribute value for the three image attributes or the tooltip attribute on a toolbar item.

**Arguments***toolbarID, toolbarItemId, attrName, attrValue*

- The *toolbarID* argument is a string that specifies the ID of the toolbar.

- The *toolbarItemId* argument is a string that specifies the ID of the toolbar item.
- The *attrName* argument is a string that specifies the name of the attribute to set. Valid values are 'image', 'overImage', 'disabledImage', or 'tooltip'.
- The *attrValue* argument is a string that specifies the value to set.

**Returns**

Nothing.

**Example**

The following example calls `dom.setToolbarItemAttribute()` three times to set the `image`, `imageOver`, and `tooltip` attributes for the toolbar item `MyButton` on the toolbar having the ID `DW_Toolbar_Main`:

```
var dom = dw.getDocumentDOM();
dom.setToolbarItemAttribute('DW_Toolbar_Main', 'MyButton', 'image',
    'Toolbars/imgs/newimage.gif');
dom.setToolbarItemAttribute('DW_Toolbar_Main', 'MyButton', 'imageOver',
    'Toolbars/imgs/newimageOver.gif');
dom.setToolbarItemAttribute('DW_Toolbar_Main', 'MyButton', 'tooltip', 'One fine button');
```

## **dom.setShowToolbarIconLabels()**

**Availability**

Dreamweaver MX.

**Description**

This function tells Dreamweaver to show the labels of buttons that have labels. Dreamweaver always shows labels for non-button controls, if the labels are defined.

**Arguments**

*bShow*

- The *bShow* argument is a Boolean value: `true` shows the labels for buttons; `false` otherwise.

**Returns**

Nothing.

**Example**

The following example tells Dreamweaver to show the labels for the buttons on the toolbars:

```
dom.setShowToolbarIconLabels(true);
```

## **dom.setToolbarPosition()**

**Availability**

Dreamweaver MX.

**Description**

This function moves the specified toolbar to the specified position.

**Note:** There is no way to determine the current position of a toolbar.

### Arguments

*toolbar\_id, position, relative\_to*

- The *toolbar\_id* argument is the ID of the toolbar, which is the value of the ID attribute on the toolbar tag in the toolbars.xml file.
- The *position* argument specifies where Dreamweaver positions the toolbar, relative to other toolbars. The possible values for *position* are described in the following list:
  - *top* is the default position. The toolbar appears at the top of the document window.
  - *below* makes the toolbar appear at the beginning of the row immediately below the toolbar that *relative\_to* specifies. Dreamweaver reports an error if the toolbar does not find the toolbar that *relative\_to* specifies.
  - *floating* makes the toolbar float above the document. Dreamweaver automatically places the toolbar so it is offset from other floating toolbars. On the Macintosh, *floating* is treated the same way as *top*.
  - *relative\_to="toolbar\_id"* is required if *position* specifies *below*. Otherwise, it is ignored. Specifies the ID of the toolbar below which this toolbar should be positioned.

### Returns

Nothing.

### Example

The following example sets the position of myEditbar below the myPicturebar toolbar:

```
dom.setToolbarPosition("myEditbar", "below", "myPicturebar");
```

## dom.setToolbarVisibility()

### Availability

Dreamweaver MX.

### Description

This function shows or hides the specified toolbar.

### Arguments

*toolbar\_id, bShow*

- The *toolbar\_id* argument is the ID of the toolbar, the value of the ID attribute on the toolbar tag in the toolbars.xml file.
- The *bShow* argument is a Boolean value that indicates whether to show or hide the toolbar. If *bshow* is *true*, `dom.setToolbarVisibility()` makes the toolbar visible. If *bShow* is *false*, `dom.setToolbarVisibility()` makes the toolbar invisible.

### Returns

Nothing.

### Example

The following example checks to see if the toolbar myEditbar is visible in the document window; if it is not visible, it sets myEditbar to be visible:

```
var dom = dw.getDocumentDOM();
if(dom != null && dom.getToolbarVisibility("myEditbar") == false)
{
    dom.setToolbarVisibility("myEditbar", true);
}
```

## **dreamweaver.reloadToolbars()**

### **Availability**

Dreamweaver CS4.

### **Description**

This function reloads all the JavaScript toolbars in the Configuration/Toolbars folder.

### **Arguments**

{*resetToDefault*}

- The *resetToDefault* argument is a Boolean value indicating whether to read the default visibility and position for each toolbar from the toolbars.xml file. If this value is `false` or not supplied, toolbar positions and visibilities are maintained when reloading. This argument is optional.

### **Returns**

Nothing.

# **Window functions**

Window functions handle operations that are related to the document window and the floating panels. The window functions show and hide floating panels, determine which part of the Document window has focus, and set the active document. For operations that are related specifically to the Site panel, see “[Site functions](#)” on page 216.

**Note:** Some of the functions in this section operate only on Windows. The description of a function indicates whether this is the case.

## **dom.getFocus()**

### **Availability**

Dreamweaver 3.

### **Description**

This function determines the part of the document that is currently in focus.

### **Arguments**

None.

**Returns**

One of the following strings:

- The "head" string if the HEAD area is active
- The "body" string if the BODY or NOFRAMES area is active
- The "frameset" string if a frameset or any of its frames is selected
- The "none" string if the focus is not in the document (for example, if it's in the Property inspector or another floating panel)

## **dom.getView()**

**Availability**

Dreamweaver 4; updated in CS4.

**Description**

This function determines which view is visible.

**Arguments**

None.

**Returns**

design, code, split, or "split code" depending on the visible view.

## **dom.getWindowTitle()**

**Availability**

Dreamweaver 3.

**Description**

This function gets the title of the window that contains the document.

**Arguments**

None.

**Returns**

A string that contains the text that appears between the TITLE tags in the document, or nothing, if the document is not in an open window.

## **dom.setView()**

**Availability**

Dreamweaver 4; updated in CS4.

**Description**

This function shows or hides the Design or Code view to produce a design-only, code-only, or split view.

**Arguments***viewString*

- The *viewString* argument is the view to produce; it must be one of the following values: `design`, `code`, `split`, or `"split code"`.

**Returns**

Nothing.

**`dreamweaver.bringAttentionToFloater()`****Availability**

Dreamweaver MX.

**Description**

Brings the specified panel or inspector to the front, and draws attention to the panel or inspector by making it flash, which is a slightly different functionality than `dw.toggleFloater()`.

**Arguments***floaterName*

- The *floaterName* argument is the name of the window, panel, or inspector.

**Returns**

Nothing.

**Example**

The following example opens and flashes the Assets panel:

```
dw.bringAttentionToFloater("library");
```

**`dreamweaver.cascade()`****Availability**

Dreamweaver MX (Windows only), Dreamweaver 8 (added Macintosh support).

**Description**

Cascades the document windows, starting in the upper-left corner and positioning each window below and slightly offset from the previous one.

**Arguments**

None.

**Returns**

Nothing.

**Example**

The following example cascades the open documents:

```
dw.cascade()
```

## **dreamweaver.getActiveWindow()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets the document in the active window.

### **Arguments**

None.

### **Returns**

The document object that corresponds to the document in the active window; or, if the document is in a frame, the document object that corresponds to the frameset.

## **dreamweaver.getDocumentList()**

### **Availability**

Dreamweaver 3.

### **Description**

This function gets a list of all the open documents.

### **Arguments**

None.

### **Returns**

An array of document objects, each corresponding to an open Document window. If a document window contains a frameset, the document object refers to the frameset, not the contents of the frames.

## **dreamweaver.getFloaterVisible()**

### **Availability**

### **Description**

Determines if any panel, docked or floating, is visible. The result does not include the following:

- The visibility state of the Insert bar
- The closed panels

*Note: The result does not include the Insert bar, but includes the Insert panel.*

### **Arguments**

None.

**Returns**

A Boolean value: `true` if any panel is visible; `false` otherwise.

## **dreamweaver.getFloaterVisibility()**

**Availability**

Dreamweaver 3, and updated in CS4.

**Description**

This function checks whether the specified panel or inspector is visible.

**Arguments**

*floaterName*

- The *floaterName* argument is the name of a floating panel. If *floaterName* does not match one of the built-in panel names, Dreamweaver searches in the Configuration/Floaters folder for a file called *floaterName.htm*, where *floaterName* is the name of a floating panel.

The *floaterName* values for built-in Dreamweaver panels are the strings to the right of the panel names in the following list:

Assets = "assets"
Behaviors = "behaviors"
Bindings = "data bindings"
Code inspector = "html"
Components = "server components"
CSS Styles = "css styles"
Databases = "databases"
Frames = "frames"
History = "history"
Insert bar = "objects"
Layers = "layers"
Library = "library"
Link Checker Results = "linkchecker"
Properties = "properties"
Reference = "reference"
Report Results = "reports"
Search Results = "search"
Selection inspector = "selection inspector"
Server Behaviors = "server behaviors"
Site = "site"

Site Files = "site_files"
Snippets = "snippets"
Browser Compatibility Check = "bcc"
Validation Results = "validation"

**Returns**

A Boolean value: `true` if the floating panel is visible and in the front; `false` otherwise or if Dreamweaver cannot find a floating panel named `floaterName`.

## **dreamweaver.getFocus()**

**Availability**

Dreamweaver 4.

**Description**

This function determines what part of the application is currently in focus.

**Arguments**

*bAllowFloaters*

- The `bAllowFloaters` argument is a Boolean value: `true` if you want the function to return the name of the floating panel, if a floating panel has focus; `false` otherwise.

**Returns**

One of the following strings:

- The "document" string if the document window is in focus
- The "site" string if the Site panel is in focus
- The "textView" string if the Text view is in focus
- The "html" string if the Code inspector is in focus
- The `floaterName` string, if `bAllowFloaters` is `true` and a floating panel has focus, where `floaterName` is "objects", "properties", "launcher", "library", "css styles", "html styles", "behaviors", "timelines", "layers", "frames", "templates", or "history"
- (Macintosh) The "none" string if neither the Site panel nor any document windows are open

## **dreamweaver.getPrimaryView()**

**Availability**

Dreamweaver 4.

**Description**

This function determines which view is visible as the primary view in the front.

**Arguments**

None.

**Returns**

The "design" or "code" strings, depending on which view is visible or on the top in a Split view.

## **dreamweaver.getSnapDistance()**

**Availability**

Dreamweaver 4.

**Description**

This function returns the snapping distance in pixels.

**Arguments**

None.

**Returns**

An integer that represents the snapping distance in pixels. The default is 10 pixels; 0 indicates that the Snap feature is off.

## **dreamweaver.minimizeRestoreAll()**

**Availability**

Dreamweaver 4.

**Description**

This function minimizes (reduces to an icon) or restores all windows in Dreamweaver.

**Arguments**

*bMinimize*

- The *bMinimize* argument is a Boolean value: `true` if windows should be minimized; `false` if the minimized windows should be restored.

**Returns**

Nothing.

## **dreamweaver.setActiveWindow()**

**Availability**

Dreamweaver 3.

**Description**

This function activates the window that contains the specified document.

**Arguments**

*documentObject, {bActivateFrame}*

- The *documentObject* argument is the object at the root of a document's DOM tree (the value that the `dreamweaver.getDocumentDOM()` function returns).
- The *bActivateFrame* argument is optional, and is applicable only if *documentObject* is inside a frameset. The *bActivateFrame* argument is a Boolean value: `true` activates the frame that contains the document as well as the window that contains the frameset; `false` otherwise.

**Returns**

Nothing.

## **dreamweaver.setFloaterVisibility()**

**Availability**

Dreamweaver 3, and updated in CS4.

**Description**

This function specifies whether to make a particular floating panel or inspector visible.

**Arguments**

*floaterName, bisVisible*

- The *floaterName* argument is the name of a floating panel. If *floaterName* does not match one of the built-in panel names, Dreamweaver searches in the Configuration/Floaters folder for a file called `floaterName.htm`. If Dreamweaver cannot find a floating panel named *floaterName*, this function has no effect.

The *floaterName* values for built-in Dreamweaver panels are the strings to the right of the panel names in the following list:

Assets = "assets"
Behaviors = "behaviors"
Bindings = "data sources"
Code inspector = "html"
Components = "server components"
CSS Styles = "css styles"
Databases = "databases"
Frames = "frames"
History = "history"
HTML Styles = "html styles"
Insert bar = "objects"
Layers = "layers"
Library = "library"
Link Checker Results = "linkchecker"

Properties = "properties"
Reference = "reference"
Report Results = "reports"
Search Results = "search"
Server Behaviors = "server behaviors"
Site = "site"
Site Files = "site files"
Snippets = "snippets"
Tag inspector = "tag inspector"
Browser Compatibility Check= "bcc"
Templates = "templates"
Validation Results = "validation"

- The *bIsVisible* argument is a Boolean value that indicates whether to make the floating panel visible.

**Returns**

Nothing.

**[dreamweaver.setPrimaryView\(\)](#)****Availability**

Dreamweaver 4.

**Description**

This function displays the specified view at the top of the document window.

**Arguments**

*viewString*

- The *viewString* argument is the view to display at the top of the document window; it can be one of the following values: "design" or "code".

**Returns**

Nothing.

**[dreamweaver.setSnapDistance\(\)](#)****Availability**

Dreamweaver 4.

**Description**

This function sets the snapping distance in pixels.

**Arguments***snapDistance*

- The *snapDistance* argument is an integer that represents the snapping distance in pixels. The default is 10 pixels. Specify 0 to turn off the Snap feature.

**Returns**

Nothing.

**`dreamweaver.showProperties()`****Availability**

Dreamweaver 3.

**Description**

This function makes the Property inspector visible and gives it focus.

**Arguments**

None.

**Returns**

Nothing.

**`dreamweaver.tileHorizontally()`****Availability**

Dreamweaver MX (Windows only), Dreamweaver 8 (added Macintosh support).

**Description**

Tiles the document windows horizontally, positioning each window next to another one without overlapping the documents. This process is similar to splitting the workspace vertically.

**Arguments**

None.

**Returns**

Nothing.

**Example**

The following example tiles the open documents horizontally:

```
dw.tileHorizontally()
```

## **dreamweaver.tileVertically()**

### **Availability**

Dreamweaver MX (Windows only), Dreamweaver 8 (added Macintosh support).

### **Description**

Tiles the document window vertically, positioning one document window behind the other without overlapping documents. This is similar to splitting the workspace horizontally.

### **Arguments**

None.

### **Returns**

Nothing.

### **Example**

The following example tiles the open documents vertically:

```
dw.tileVertically()
```

## **dreamweaver.toggleFloater()**

### **Availability**

Dreamweaver 3.

### **Description**

This function shows, hides, or brings to the front the specified panel or inspector.

**Note:** This function is meaningful only in the menus.xml file. To show, bring forward, or hide a floating panel, use dw.setFloaterVisibility().

### **Arguments**

*floaterName*

- The *floaterName* argument is the name of the window. If the floating panel name is `reference`, the visible/invisible state of the Reference panel is updated by the user's selection in Code view. All other panels track the selection all the time, but the Reference panel tracks the selection in Code view only when the user starts tracking.

### **Returns**

Nothing.

## **dreamweaver.updateReference()**

### **Availability**

Dreamweaver 4.

**Description**

This function updates the Reference floating panel. If the Reference floating panel is not visible, `dw.updateReference()` makes it visible and then updates it.

**Arguments**

None.

**Returns**

Nothing.

## Information bar functions

The Information bar is used to display error messages without disrupting the workflow. The following Information bar functions are used to hide or to display the Information bar with error messages.

### **dom.showInfoBar()**

**Availability**

Dreamweaver CS4.

**Description**

This function displays the Information bar with the message passed in. If the Information bar is already displayed, the message is updated with the new message being passed in. If no message is passed in, a JS error occurs.

**Arguments**

Message.

**Returns**

None.

### **dom.hideInfoBar()**

**Availability**

Dreamweaver CS4.

**Description**

This function hides the Information bar.

**Arguments**

None.

**Returns**

None.

## Related files functions

The related files functions enhance the editing experience of coders by providing easy access to supporting and related files that are used actively.

### **dreamweaver.getRelatedFiles()**

#### **Availability**

Dreamweaver CS4.

#### **Description**

This function gets a list of all the related files. The related files can be child documents, source HTML files, and generated source files.

#### **Arguments**

A Boolean value that specifies the display names of the parent document and generated source files.

- Use the value `true` if you want to display Source HTML and Generated Source in the menu.
- Use the value `false` if you want to display the actual names of the related files in the menu.

#### **Returns**

An array of strings, which contains all the scanned related files in the form of absolute local URLs.

### **dreamweaver.openRelatedFile()**

#### **Availability**

Dreamweaver CS4.

#### **Description**

Displays the selected related file in the Code view of the current document.

#### **Arguments**

A string that is the absolute local URL of the file.

#### **Returns**

None.

### **dreamweaver.getActiveRelatedFilePath()**

#### **Availability**

Dreamweaver CS4.

#### **Description**

This function gets the full path of the currently opened related file.

**Arguments**

None.

**Returns**

A string that is the absolute local URL of the related file.

**`dreamweaver.getRelatedFilesFilter()`****Availability**

Dreamweaver CS5.

**Description**

This function is used to get the filename filter applied to the related files.

**Arguments**

None.

**Returns**

A `DWFilenameFilter` object representing the filter currently applied to the related files. An empty filter object indicates that all the files will be displayed in the Related Files bar.

`DWFilenameFilter` objects are new in Dreamweaver CS5. They are used to restrict the files displayed in the Related Files bar.

**`dreamweaver.setRelatedFilesFilter()`****Availability**

Dreamweaver CS5.

**Description**

This function is used to set the filter applied to the Related Files Bar.

**Arguments**

A String or a `DWFilenameFilter`. For example, “`.js`”, “`.php`”, “`*.js`”, “`*.php.js`”, “`*.css`”, “`”`”, “`b*.js`”, “`b*.*`”, “`*.js; .css`”. An empty string will display all the files in the Related Files bar.

**Returns**

None.

**`dreamweaver.getQuickRelatedFilesFilterStrings()`****Availability**

Dreamweaver CS5.

**Description**

This function is used to get the array of String objects representing extensions of the files shown in the Related Files bar.

**Arguments**

None.

**Returns**

An array of String objects representing extensions of the files shown in the Related Files bar. For example, {“.js”, “.php”, “.css”}.

## **dreamweaver.invokeRelatedFilesCustomFilterDialog()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to invoke the custom related files filter dialog box. The user may apply a filter from this dialog and users should call the `getRelatedFilesFilter` function to determine the new filter.

**Arguments**

None.

**Returns**

None.

## **dreamweaver.getDynamicRelatedFilesDiscoverySetting()**

**Availability**

Dreamweaver CS5.

**Description**

The Dynamically-Related Files feature extends the functionality of the Related Files feature by allowing you to see the related files of dynamic pages in the Related Files Bar.

This function is used to get the discovery option for dynamically-related files.

**Arguments**

None.

**Returns**

A String object specifying the discovery mechanism, which is one of the following values:

Value	Description
automatic	Enables automatic discovery of related files.
manual	Enables manual discovery of related files. In this case, the user has to manually resolve the references to the related files.
disabled	Disables automatic discovery of related files.

## **dreamweaver.setDynamicRelatedFilesDiscoverySetting()**

### **Availability**

Dreamweaver CS5.

### **Description**

This function is used to set the discovery option for dynamically-related files.

### **Arguments**

A String object specifying the discovery mechanism, which is one of the following values:

Value	Description
automatic	Enables automatic discovery of related files.
manual	Enables manual discovery of related files. In this case, the user has to manually resolve the references to the related files.
disabled	Disables automatic discovery of related files.

### **Returns**

None.

## **dreamweaver.refreshRelatedFiles()**

### **Availability**

Dreamweaver CS5.

### **Description**

This function is used to refresh the related files shown in the Related Files bar for the current document.

### **Arguments**

None.

### **Returns**

None.

## **dreamweaver.saveAllRelatedFiles()**

### **Availability**

Dreamweaver CS5.

### **Description**

This function is used to save all the modified related files for the current document. Invoking the function will save the current document and all the modified related files of the current document. If the document is a new document, then a Save As dialog box is shown.

**Arguments**

None.

**Returns**

None.

## **dreamweaver.canSaveAllRelatedFiles()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to determine if any related file for the current document is modified and can be saved.

**Arguments**

None.

**Returns**

A Boolean: `true` if any related file has been modified and can be saved.

## **document.isRelatedFileViewOpen()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to determine if the code view window is currently showing the source code of the document.

**Arguments**

None.

**Returns**

A Boolean: `true` if the code view window is displaying the source code for the document. `False` will be returned if a related file live code is open in the code view window.

## **document.getRelatedFiles()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to retrieve the list of the files related to the document.

**Arguments**

*filtered*

A Boolean: `true` to apply the filter selected in the Related Files bar to the result. Use `false` to get all the related files of the document. This argument is optional. The default value is `false`.

#### type

An optional string that represents the type of the related files. It can be an empty string or a string with one of the following values:

- `SOURCE_HTML` - Retrieves the source HTML document, which is the top most document.
- `GENERATED_HTML` - Retrieves the live generated HTML document. This option is applicable only when the Live Code feature is enabled.
- `CHILD_DOC` - Retrieves the list of static path related documents.
- `PROCESSED_CHILD_DOC` - Retrieves the list of related documents processed by the server. This option is applicable only if the dynamically-related files have been discovered and the server generated result references the child documents that were not already found as static path related documents when opening the document.
- `LIVE_VIEW_CHILD` - Retrieves the list of Live View related child documents. This option is applicable only when the document is opened in Live View and the server generated source references the child documents that were not already found as static path related documents when opening the document
- `LIVE_VIEW_XHR_CHILD` - Retrieves the list of Live View referenced resource documents. This option is applicable only when the document is opened in Live View.
- `DYNAMIC_PATH_CHILD_DOC` - Retrieves the list of dynamic path related files. This option is applicable only if the dynamically-related files have been discovered and the dynamic related child documents were found in the discovery process.
- `USER_DEFINED_CHILD_DOC` - Retrieves the list of user defined dynamic path related files. This option is applicable only when an extension has added user defined related files after calling the `addRelatedFile()` function. For more information on the `addRelatedFile()` function, see “[document.addRelatedFile\(\)](#)” on page 194.
- `ALL_TYPES` - Retrieves all the related files. This is the default value.

#### Returns

An array of related file objects. Each object has the following properties:

- `uri` - A `DWUri` object representing the URI of the related document.
- `type` - A string of one of the types mentioned in the Arguments section and also an `UNKNOWN_TYPE` if the type is not known.
- `document` - A document object of the related document. If there is no related document, this property will be `NULL`.
- `isChildDocType` - A Boolean value. True, if the related document is a child document (not the source or the generated source document).
- `isSelectedDoc` - A Boolean value. True, if the document is selected.

## **document.addRelatedFile()**

#### **Availability**

Dreamweaver CS5.

#### **Description**

This function is used to add an extension-defined related file.

If you are an extension developer, make sure that you invoke the `refreshRelatedFiles()` function after invoking the `addRelatedFile()` function. For more information on the `refreshRelatedFiles()` function, see “[dreamweaver.refreshRelatedFiles\(\)](#)” on page 192.

**Arguments**

- `uri` - A `DWUri` object representing the related file object. This argument is required.
- `persistent` - A Boolean value. True, if the related file object will persist when the top level document is re-scanned. This is an optional argument.
- `type` - A optional string specified in the `document.getRelatedFiles()` function. Callers who omit this parameter will insert a related file of type `USER_DEFINED_CHILD_DOC`.

**Returns**

None.

## **document.removeRelatedFile()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to remove an extension-defined related file.

Related document objects of only type `CHILD_DOC` can be removed using this function. Related document objects with the type `SOURCE_HTML` or `GENERATED_HTML` cannot be removed using this function.

**Arguments**

- `uri` - A `DWUri` object representing the related file object. This argument is required.

**Returns**

None.

## **document.getDependentFiles()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to retrieve the dependent files of the document object.

The dependent files list is the list of files that are pushed to the server if they are modified for Preview In Browser, Live View, or when getting the document from the server or version control.

**Arguments**

None.

**Returns**

An array of `DWUri` objects representing the dependent file list.

## DWFilenameFilter reference

The objects of type `DWFilenameFilter` are new to Dreamweaver CS5 and are used to restrict the files displayed in the Related Files bar. To manipulate the related Files bar filter, extension developers can create a new `DWFilenameFilter` object and change the behavior of the filter using the functions described in the following sections.

For example,

```
var filter = new DWFilenameFilter;  
filter.setExpression('*.*');  
dw.setRelatedFilesFilter(filter);
```

Extension developers can also manipulate the current filter applied to the Related Files bar by invoking the `dreamweaver.getRelatedFilesFilter()` function (see “[dreamweaver.getRelatedFilesFilter\(\)](#)” on page 190 )and then changing the behavior of the filter using the other functions.

For instance,

```
var filter = dw.getRelatedFilesFilter();  
filter.addExtensionToExclusionExpression('.js');  
dw.setRelatedFilesFilter(filter);
```

### DWFilenameFilter.isValidFilterExpression()

#### Availability

Dreamweaver CS5.

#### Description

This function is used to determine if an expression is a valid filter expression.

#### Arguments

`expression` - A string that represents a filter expression.

#### Returns

A Boolean: `true` if the expression is valid.

### DWFilenameFilter.isEmpty()

#### Availability

Dreamweaver CS5.

#### Description

This function is used to determine if a filter object is empty.

#### Arguments

None.

#### Returns

A Boolean: `true` if the filter object is empty.

## DWFilenameFilter.doesExcludeExtension()

### Availability

Dreamweaver CS5.

### Description

This function is used to determine if an extension is excluded by the filter object.

Filters use an exclusive test to determine if a file extension is excluded using the exclusion expression. Use this function to determine if a file extension has been previously added to the exclusion list using the `DWFilenameFilter.addExtensionToExclusionExpression()` function. For more information, see “[DWFilenameFilter.addExtensionToExclusionExpression\(\)](#)” on page 199.

### Arguments

`extension` - A string that represents a extension.

### Returns

A Boolean: `true` if the extension is excluded by the filter.

## DWFilenameFilter.isAdvancedFilter()

### Availability

Dreamweaver CS5.

### Description

This function is used to determine if the filter object is an advanced filter.

Advanced filter results when the user selects “Advanced...” menu item from the Filter menu.

### Arguments

None.

### Returns

A Boolean: `true` if the filter is an advanced filter.

## DWFilenameFilter.willMatchAnyFile()

### Availability

Dreamweaver CS5.

### Description

This function is used to determine if the filter object will match any file. A filter that matches any file results in all files being displayed in the Related Files Bar.

To match any file, the filter object should be empty or should have an advanced filter with “\*.\*” as the expression.

**Arguments**

None.

**Returns**

A Boolean: `true` if the filter matches any file.

**DWFilenameFilter.getExpression()****Availability**

Dreamweaver CS5.

**Description**

This function is used to retrieve the filter expression.

**Arguments**

None.

**Returns**

A string that represents the filter expression.

An empty string is returned if the filter that matches any file is empty.

**DWFilenameFilter.setExpression()****Availability**

Dreamweaver CS5.

**Description**

This function is used to set the filter expression.

**Arguments**

`expression` - A string that represents a filter expression.

This argument is one or more wildcard filters separated by semicolons. For example, “\*.css;help\*.js”.

Setting the filter object to an empty string will set the filter so that the filter matches any file.

**Returns**

None.

**DWFilenameFilter.getExcludedExtensions()****Availability**

Dreamweaver CS5.

**Description**

This function is used to retrieve the list of all the excluded file extensions.

**Arguments**

None.

**Returns**

An array of string objects representing the extensions that are to be excluded by the filter. See also the “[DWFilenameFilter.addExtensionToExclusionExpression\(\)](#)” on page 199 function.

For example, {".php", ".css", ".engine"}

## **DWFilenameFilter.getExclusionExpression()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to retrieve the exclusion expression.

**Arguments**

None.

**Returns**

A string containing semicolon separated values that represents the list of extensions that are excluded.

For example, ".php; .css; .engine"

## **DWFilenameFilter.getAdvancedExpression()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to retrieve the advanced expression.

The filter can either be an advanced filter containing other wildcard inclusion filters or can be a simple filter containing a list of file extensions to exclude.

**Arguments**

None.

**Returns**

A string containing semicolon separated values that represents the list of filters in the advanced expression.

For example, "\*.\*.css; help\*.js"

## **DWFilenameFilter.addExtensionToExclusionExpression()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to add an extension to the filter object's exclusion list.

**Arguments**

`extension` - A string or a `DWUri` object.

This argument represents the file name or the extension that needs to be added to the filter.

The argument can be an extension or a fully qualified local filename or remote URL as a string or a valid `DWUri` object.

**Returns**

A string containing semicolon separated values that represents the list of filters in the advanced expression.

For example, "`*.css;help*.js`"

## **DWFilenameFilter.removeExtensionFromExclusionExpression()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to remove an extension from the filter object's exclusion list.

**Arguments**

`extension` - A string or a `DWUri` object.

This argument represents the file name or the extension that needs to be removed from the filter.

The argument can be an extension or a fully qualified local filename or remote URL as a string or a valid `DWUri` object.

**Returns**

None.

## **DWFilenameFilter.empty()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to clear the filter.

An empty filter will match all the files.

**Arguments**

None.

**Returns**

None.

## Vertical Split view functions

The Vertical Split view functions facilitate a side-by-side view of the Code and Design or Code and Code Layout modes. The functions also enable users to choose and switch between the horizontal and vertical orientations of Split view and Split code.

### **dreamweaver.getSplitViewOrientation()**

#### **Availability**

Dreamweaver CS4.

#### **Description**

This function displays the current Split view orientation. The orientation can be retrieved even if the view is not split. In such a case, the return value indicates the orientation if the view is changed to Split view or Split code.

#### **Arguments**

None.

#### **Returns**

A string value that specifies the orientation. Returns the value `vertical` or `horizontal` depending on the current orientation.

### **dreamweaver.setSplitViewOrientation()**

#### **Availability**

Dreamweaver CS4.

#### **Description**

This function changes the current Split view orientation. The orientation can be changed even if the view is not split. In such a case, the argument indicates the orientation the next time the view is changed to Split view or Split code.

#### **Arguments**

A string value that indicates the orientation. Use `vertical` or `horizontal` respectively to indicate the orientation. This argument is required.

#### **Returns**

A Boolean value: `true` if successful, `false` if an error occurs.

### **dreamweaver.getPrimaryView()**

#### **Availability**

Dreamweaver CS4.

**Description**

This function gets the name of the primary view. In Split view or Split code, the primary view is the top window or the left window, depending on the Split view orientation.

**Arguments**

None.

**Returns**

A string that contains the name of the primary view, which is one of the following values:

Value	Description
code	The primary view is the Code window.
design	The primary view is the Design window.
related file	The primary view is the related file window. This value is returned when the document view is Split code and a related file has been opened.

**`dreamweaver.setPrimaryView()`****Availability**

Dreamweaver CS4.

**Description**

This function changes the primary view. In Split view or Split code, the primary view is the top window or the left window depending on the Split view orientation.

**Arguments**

A string that contains the name of the primary view, which is one of the following values:

Value	Description
code	The primary view is the Code window.
design	The primary view is the Design window.
related file	The primary view is the related file window. This value is used when the document view is Split code and a related file has been opened.

**Returns**

A Boolean value: `true` if successful, `false` otherwise.

**`dom.isRelatedFileViewOpen()`****Availability**

Dreamweaver CS4.

**Description**

This function determines if the view contains a related file view.

**Arguments**

None.

**Returns**

A Boolean value: `true` if a related file view is open, `false` otherwise.

## Code collapse functions

Code collapse functions let you visually collapse and expand code. You can collapse or expand arbitrary selections of code, or fragments between opening and closing tags. Although the code collapse functions exist in both the dom and htmlInspector, the collapsed ranges are the same in both Code view and Cold Inspector.

### **dom.collapseFullTag()**

**Availability**

Dreamweaver 8.

**Description**

This function determines whether the selection in Code view is entirely within a single pair of start and end tags or contains a single pair of start and end tags. If so, it collapses the code fragment that starts just before the start tag and ends after the end tag; if not, the function does nothing.

**Arguments**

*allowCodeFragmentAdjustment*

- The *allowCodeFragmentAdjustment* argument is a required, Boolean value. If `true`, this argument currently has no effect, or has the same effect as a value of `false`. If `false`, Dreamweaver collapses the code that begins immediately before the opening tag and ends immediately after the ending tag without any modification.

**Returns**

Nothing.

**Example**

The following example collapses the code fragment in the current selection in Code view that starts just before the start tag and ends just after the end tag:

```
var currentDOM = dw.getDocumentDOM();
currentDOM.collapseFullTag(false);
```

### **dom.collapseFullTagInverse()**

**Availability**

Dreamweaver 8.

## Description

This function determines whether the selection in Code view is entirely within a single pair of start and end tags or contains a single pair of start and end tags. If so, it collapses the code that precedes the start tag and the code that follows the end tag; if not, the function does nothing.

## Arguments

### *allowAdjustmentOfCodeFragments*

- The *allowAdjustmentOfCodeFragments* argument is a required, Boolean value. If `true`, Dreamweaver adjusts the boundaries of the code *before* the start tag and of the code *after* the end tag to perform a *smart collapse*, which preserves current indenting and spacing. If `false`, Dreamweaver collapses the code fragments that are *before* the open tag and *after* the end tag exactly as indicated by the selection.

## Returns

Nothing.

## Example

The following example adjusts the boundaries of the code before the starting tag after the ending tag to perform a *smart collapse* that preserves indenting and spacing:

```
var currentDOM = dw.getDocumentDOM();
currentDOM.collapseFullTagInverse(true);
```

## **dom.collapseSelectedCodeFragment()**

## Availability

Dreamweaver 8.

## Description

This function collapses the selected code in Code view. If the selection is already collapsed, this function does nothing.

## Arguments

### *allowCodeFragmentAdjustment*

- The *allowCodeFragmentAdjustment* is a required, Boolean value. If `true`, Dreamweaver modifies the boundaries of the current selection to perform a *smart collapse*, which preserves current indenting and spacing. If `false`, Dreamweaver collapses the currently selected code fragment exactly as indicated by the selection.

## Returns

Nothing.

## Example

The following example collapses the selected code fragment, without modification, in Code view:

```
var currentDOM = dw.getDocumentDOM();
currentDOM.collapseSelectedCodeFragment(false);
```

## dom.collapseSelectedCodeFragmentInverse()

### Availability

Dreamweaver 8.

### Description

This function collapses all code *before* and *after* the selected code in Code view.

### Arguments

*allowAdjustmentOfCodeFragments*

- The *allowAdjustmentOfCodeFragments* argument is a required, Boolean value. If `true`, Dreamweaver adjusts the boundaries of the code *before* and *after* the current selection to perform a *smart collapse*, which preserves the current indenting and spacing. If `false`, Dreamweaver collapses the code fragments exactly as indicated by the selection.

### Returns

Nothing.

### Example

The following example adjusts and then collapses all code before and after the selected code in Code view:

```
var currentDOM = dw.getDocumentDOM();
currentDOM.collapseSelectedCodeFragmentInverse(true);
```

## dom.expandAllCodeFragments()

### Availability

Dreamweaver 8.

### Description

This function expands all collapsed code fragments in Code view, including nested collapsed code fragments.

### Arguments

None.

### Returns

Nothing.

### Example

The following example expands all collapsed code in Code view:

```
var currentDOM = dw.getDocumentDOM();
currentDOM.expandAllCodeFragments();
```

## dom.expandSelectedCodeFragments()

### Availability

Dreamweaver 8.

### Description

This function expands all collapsed code fragments in Code view that are within the current selection. If the selection is already expanded, this function does nothing.

### Arguments

None.

### Returns

Nothing.

### Example

The following example expands all collapsed code in the current selection in Code view:

```
var currentDOM = dw.getDocumentDOM();
currentDOM.expandSelectedCodeFragments();
```

## dreamweaver.htmlInspector.collapseFullTag()

### Availability

Dreamweaver 8.

### Description

This function determines whether the selection in the Code inspector is entirely within a single pair of start and end tags or contains a single pair of start and end tags. If so, it collapses the code fragment that starts just before the start tag and ends after the end tag; if not, the function does nothing.

### Arguments

*allowACodeFragmentAdjustment*

- The *allowACodeFragmentAdjustment* argument is a required, Boolean value. If `true`, this argument currently has no effect, or has the same effect as a value of `false`. If `false`, Dreamweaver collapses the code that begins immediately before the opening tag and ends immediately after the ending tag, without any modification.

### Returns

Nothing.

### Example

The following example collapses the code fragment in the current selection in the Code inspector that starts just before the start tag and ends just after the end tag:

```
dreamweaver.htmlInspector.collapseFullTag(false);
```

## **dreamweaver.htmlInspector.collapseFullTagInverse()**

### **Availability**

Dreamweaver 8.

### **Description**

This function determines whether the selection in the Code inspector is entirely within a single pair of start and end tags or contains a single pair of start and end tags. If so, it collapses the code *before* the start tag and the code *after* the end tag; if not, the function does nothing.

### **Arguments**

*allowAdjustmentOfCodeFragments*

- The *allowAdjustmentOfCodeFragments* argument is a required, Boolean value. If `true`, Dreamweaver adjusts the boundaries of the code before the start tag and of the code after the end tag to perform a *smart collapse*, which preserves the existing indenting and spacing. If `false`, Dreamweaver collapses the code *before* the open tag and the code *after* the end tag, without any modifications.

### **Returns**

Nothing.

### **Example**

The following example performs a *smart collapse* on the code sections occurring before the starting tag and after the ending tag of the current selection:

```
dreamweaver.htmlInspector.collapseFullTagInverse(true);
```

## **dreamweaver.htmlInspector.collapseSelectedCodeFragment()**

### **Availability**

Dreamweaver 8.

### **Description**

This function collapses the selected code in the Code inspector. If the selection is already collapsed, this function does nothing.

### **Arguments**

*allowCodeFragmentAdjustment*

- The *allowCodeFragmentAdjustment* is a required, Boolean value. If `true`, Dreamweaver modifies the current selection to perform a *smart collapse*, which preserves the existing indenting and spacing. If `false`, Dreamweaver collapses the currently selected code fragment exactly as indicated by the selection.

### **Returns**

Nothing.

### **Example**

The following example adjusts and collapses the selected code in the Code inspector:

```
dreamweaver.htmlInspector.collapseSelectedCodeFragment(true);
```

## **dreamweaver.htmlInspector.collapseSelectedCodeFragmentInverse()**

### **Availability**

Dreamweaver 8.

### **Description**

This function collapses all code *before* and *after* the selected code in the Code inspector. If the selection is already collapsed, this function does nothing.

### **Arguments**

*allowAdjustmentOfCodeFragments*

- The *allowAdjustmentOfCodeFragments* argument is a required, Boolean value. If `true`, Dreamweaver adjusts the boundaries of the code sections before and after the current selection to perform a *smart collapse*, which preserves the current indenting and spacing. If `false`, Dreamweaver collapses the code sections exactly as indicated by the selection.

### **Returns**

Nothing.

### **Example**

The following example collapses all code before and after the selected code in the Code inspector, exactly as indicated by the selection:

```
dreamweaver.htmlInspector.collapseSelectedCodeFragmentInverse(false);
```

## **dreamweaver.htmlInspector.expandAllCodeFragments()**

### **Availability**

Dreamweaver 8.

### **Description**

This function expands all collapsed code fragments in the Code inspector, including nested collapsed code fragments.

### **Arguments**

None.

### **Returns**

Nothing.

### **Example**

The following example expands all collapsed code in the Code inspector:

```
dreamweaver.htmlInspector.expandAllCodeFragments();
```

## **dreamweaver.htmlInspector.expandSelectedCodeFragments()**

### **Availability**

Dreamweaver 8.

### **Description**

This function expands all collapsed code fragments within the current selection in the Code inspector. If the selection is already expanded, this function does nothing.

### **Arguments**

None.

### **Returns**

Nothing.

### **Example**

The following example expands all collapsed code in the current selection in the Code inspector:

```
dreamweaver.htmlInspector.expandSelectedCodeFragments();
```

## **Code view toolbar functions**

Code view toolbar functions let you insert text, remove comments, show or hide special characters for white spaces in Code view, and get the path of the current document.

**Note:** There are two different Coding toolbars: one for Code view and one for the Code inspector. Both are customized in the file Configuration/Toolbars/toolbars.xml.

## **dom.getOpenPathName()**

### **Availability**

Dreamweaver 8.

### **Description**

This function gets the absolute file path of the open document.

### **Arguments**

None.

### **Returns**

A string that is the absolute file path of the open document.

### **Example**

The following example assigns the string that contains the path of the currently open document to the variable fileName:

```
var fileName = dom.getOpenPathName();
```

## dom.getShowHiddenCharacters()

### Availability

Dreamweaver 8.

### Description

This function determines whether the special characters for white spaces are shown in the Code view of the Document window.

### Arguments

None.

### Returns

A Boolean: `true` if the hidden characters are displayed; `false` otherwise.

### Example

The following example turns off the display of the special characters for white space, if the display of special characters is turned on initially:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.getShowHiddenCharacters()){
    currentDOM.setShowHiddenCharacters(false);
}
```

## dom.setShowHiddenCharacters()

### Availability

Dreamweaver 8.

### Description

This function shows or hides the special characters for white spaces in the Code view of the Code inspector.

See “[dom.getShowHiddenCharacters\(\)](#)” on page 210 for an example.

### Arguments

*show*

- The *show* argument, which is required, is a Boolean value that indicates whether to display the hidden characters.

### Returns

Nothing.

## dom.source.applyComment()

### Availability

Dreamweaver 8.

**Description**

This function inserts the text specified in the *beforeText* argument before the current selection and the text specified in the *afterText* argument after the current selection. The function then extends the current selection to include the added text. However, if there is no current selection, the function does not select anything. If the text specified in the *afterText* argument is null, the function inserts the text specified in the *beforeText* argument at the beginning of every line in the current selection.

**Arguments**

*beforeText*, *afterText*

- The *beforeText* argument is required. It specifies the text to insert at the beginning of the selection, or, if the value of the *afterText* argument is null, it specifies the text to insert at the beginning of every line in the selection.
- The *afterText* argument, which is optional, specifies the text to insert at the end of the selection.

**Returns**

Nothing.

**Example**

The following example makes the current selection an HTML comment:

```
dw.getDocumentDOM().source.applyComment('<!--', '-->')
```

## dom.source.refreshVariableCodeHints()

**Availability**

Dreamweaver CS3.

**Description**

Rescans the page looking for variables and corresponding class associations. This function rebuilds the color state engine and the variable list.

**Arguments**

*bSyncDoc*

- This is a Boolean value. The default is `false`. If set to `true`, the Design view is synchronized with the Code view.

**Returns**

Nothing.

**Example**

```
dom.source.refreshVariableCodeHints();
```

## dom.source.removeComment()

**Availability**

Dreamweaver 8.

## Description

This function removes comments. If you specify no arguments, it removes all types of comments from the current selection, except server-side includes and Dreamweaver-specific comments. If there are nested comments, it removes only the outer comment. If there is no current selection, it removes only the first line comment of the line on which the cursor is located. If you specify arguments, the function removes only comments that match the values specified in the *beforeText* and *afterText* arguments, even if the matching comments are nested inside other types of comments.

## Arguments

*beforeText*, *afterText*

- The *beforeText* argument is optional. It specifies the text to identify the beginning of the comment to remove from the selection, or, if the value of the *afterText* argument is null, it specifies the type of line comment to remove from the current selection.
- The *afterText* argument, which is optional, specifies the text to identify the end of the comment to remove from the selection.

## Returns

Nothing.

## Example

The following example removes an HTML comment:

```
dw.getDocumentDOM().source.removeComment ('!--', '-->')
```

## **dreamweaver.htmlInspector.getShowHiddenCharacters()**

### Availability

Dreamweaver 8.

## Description

This function determines whether the special characters for white spaces are displayed in the Code view of the Code inspector.

## Arguments

None.

## Returns

A Boolean value: `true` if the hidden characters are displayed; `false` otherwise.

## Example

The following example turns off the display of the special characters for white space in the Code inspector, if the display of special characters is turned on initially:

```
if (dreamweaver.htmlInspector.getShowHiddenCharacters()) {
    dreamweaver.htmlInspector.setShowHiddenCharacters(false);
}
```

## **dreamweaver.htmlInspector.setShowHiddenCharacters()**

### **Availability**

Dreamweaver 8.

### **Description**

This function shows or hides the special characters for white spaces in the Code view of the Code inspector.

### **Arguments**

*show*

- The *show* argument, which is required, is a Boolean value that indicates whether to display hidden characters for white spaces.

### **Returns**

A Boolean: `true` if the hidden characters are displayed; `false` otherwise.

### **Example**

See “[“dreamweaver.htmlInspector.getShowHiddenCharacters\(\)” on page 212](#).”

## **Color functions**

The following color functions enable you to ensure that the extensions have the same skin as the application user interface.

## **dreamweaver.getPanelColor()**

### **Availability**

Dreamweaver CS4.

### **Description**

This function retrieves the panel colors of the application user interface. You can use these colors as panel colors for the extensions. This function helps you to ensure that the panel colors of extensions blend with the panel color of the application user interface.

### **Arguments**

None.

### **Returns**

An array of strings of size 4 with the following values:

- Red
- Green
- Blue
- Alpha

**Example**

```
var panelColorArray = dw.getPanelColor();
```

The return values for this example are:

- panelColorArray[0] : Red
- panelColorArray[1] : Green
- panelColorArray[2] : Blue
- panelColorArray[3] : Alpha

## **dreamweaver.getAppBarColor()**

**Availability**

Dreamweaver CS4.

**Description**

This function retrieves the application bar colors of the user interface. You can use these colors as bar colors for the extensions. This function helps you to ensure that the bar colors of extensions blend with the bar color of the application user interface.

**Arguments**

None.

**Returns**

An array of strings of size 4 with the following values:

- Red
- Green
- Blue
- Alpha

**Example**

```
var appBarColorArray = dw.getAppBarColor();
```

The return values for this example are:

- appBarColorArray[0] : Red
- appBarColorArray[1] : Green
- appBarColorArray[2] : Blue
- appBarColorArray[3] : Alpha

# Chapter 13: Site

The Adobe® Dreamweaver® CS5 site functions perform operations related to managing a website. These operations include customizing a report, defining a new site, checking in and checking out files, running validation on a site, and so on.

## Report functions

Report functions provide access to the reporting features so you can initiate, monitor, and customize the reporting process. For more information, see “Reports” in *Extending Dreamweaver Help*.

### **dreamweaver.isReporting()**

#### **Availability**

Dreamweaver 4.

#### **Description**

Checks to see if a reporting process is currently running.

#### **Arguments**

None.

#### **Returns**

A Boolean value: `true` if a process is running; `false` otherwise.

### **dreamweaver.showReportsDialog()**

#### **Availability**

Dreamweaver 4.

#### **Description**

Opens the Reports dialog box.

#### **Arguments**

None.

#### **Returns**

Nothing.

## Site functions

Site functions handle operations that are related to files in the site files. These functions let you perform the following tasks:

- Create links between files
- Get, place, check in, and check out files
- Select and deselect files
- Create and remove files
- Get information about the sites that the user has defined
- Import and export site information

### **dom.getSiteURLPrefixFromDoc()**

#### **Availability**

Dreamweaver 8.

#### **Description**

This function gets the site URL prefix that is extracted from the HTTP address defined in the Local Info section of the Site Definition dialog box.

#### **Arguments**

None.

#### **Returns**

A string, which specifies the site URL prefix.

#### **Example**

The following example gets the site URL prefix for the current document:

```
var currentDOM = dw.getDocumentDOM();
var sitePrefix = currentDOM.getSiteURLPrefixFromDoc();
```

### **dom.localPathToSiteRelative()**

#### **Availability**

Dreamweaver 8.

#### **Description**

This function converts a local file path to a site-relative URI reference.

#### **Arguments**

*localFilePath*

- The *localFilePath* attribute, which is required, is a string that contains the path to a local file on your local computer.

**Returns**

A string, which specifies the site-relative URI.

**Example**

The following example returns "/myWebApp/myFile.cfm", based on your site mappings and the HTTP address specified in the Local Info section of the Site Definition dialog box.

```
var dom = dw.getDocumentDOM();
var siteRelativeURI =
dom.localPathToSiteRelative("C:\Inetpub\wwwroot\siteA\myWebApp\myFile.cfm")
```

**dom.siteRelativeToLocalPath()****Availability**

Dreamweaver 8.

**Description**

This function converts a site-relative URI reference to a local file path.

**Arguments**

*siteRelativeURI*

- The *siteRelativeURI* attribute, which is required, is a string that contains the site-relative URI.

**Returns**

A string, which specifies the path to a local file on your local computer.

**Example**

The following

```
var filePath = siteRelativeToLocalPath("/myWebApp/myFile.xml");
returns "C:\Inetpub\wwwroot\siteA\myFile.xml", based on your site mappings and the HTTP address specified
in the Local Info section of the Site Definition dialog box.
```

**dreamweaver.compareFiles()****Availability**

Dreamweaver 8.

**Description**

This function launches the file comparison tool that the user installed in the Diff section of the Preferences dialog box.

**Arguments**

*file1, file2*

- The *file1* attribute, which is required, is a string that contains the full path to the first file to compare.
- The *file2* attribute, which is required, is a string that contains the full path to the second file to compare.

**Returns**

Nothing.

**Example**

The following example compares two files, red.htm and blue.htm:

```
dw.compareFiles("hc:\data\red.htm", "e:\data\blue.htm");
```

## **dreamweaver.loadSitesFromPrefs()**

**Availability**

Dreamweaver 4.

**Description**

Loads the site information for all the sites from the system registry (Windows) or the Dreamweaver Preferences file (Macintosh) into Dreamweaver. If a site is connected to a remote server when this function is called, the site is automatically disconnected.

**Arguments**

None.

**Returns**

Nothing.

## **dreamweaver.saveSitesToPrefs()**

**Availability**

Dreamweaver 4.

**Description**

Saves all information for each site that the user has defined to the system registry (Windows) or the Dreamweaver Preferences file (Macintosh).

**Arguments**

None.

**Returns**

Nothing.

## **dreamweaver.siteSyncDialog.compare()**

**Availability**

Dreamweaver 8.

**Description**

This function runs the file compare application specified in the File Compare Category of the Preferences dialog box to compare the selected files on the local and remote sites.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.siteSyncDialog.canCompare\(\)](#)” on page 512.

## **dreamweaver.siteSyncDialog.markDelete()**

**Availability**

Dreamweaver 8.

**Description**

This function changes the action for the selected items in the Site Synchronization dialog box to Delete.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.siteSyncDialog.canMarkDelete\(\)](#)” on page 513.

## **dreamweaver.siteSyncDialog.markGet()**

**Availability**

Dreamweaver 8.

**Description**

This function changes the action for the selected items in the Site Synchronization dialog box to Get.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.siteSyncDialog.canMarkGet\(\)](#)” on page 513.

## **dreamweaver.siteSyncDialog.markIgnore()**

### **Availability**

Dreamweaver 8.

### **Description**

This function changes the action for the selected items in the Site Synchronization dialog box to Ignore.

### **Arguments**

None.

### **Returns**

Nothing.

### **Enabler**

See “[dreamweaver.siteSyncDialog.canMarkIgnore\(\)](#)” on page 513.

## **dreamweaver.siteSyncDialog.markPut()**

### **Availability**

Dreamweaver 8.

### **Description**

This function changes the action for the selected items in the Site Synchronization dialog box to Put.

### **Arguments**

None.

### **Returns**

Nothing.

### **Enabler**

See “[dreamweaver.siteSyncDialog.canMarkPut\(\)](#)” on page 514.

## **dreamweaver.siteSyncDialog.markSynced()**

### **Availability**

Dreamweaver 8.

### **Description**

This function changes the action for the selected items in the Site Synchronization dialog box to Synced.

### **Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.siteSyncDialog.canMarkSynced\(\)](#)” on page 514.

## **dreamweaver.siteSyncDialog.toggleShowAllFiles()**

**Availability**

Dreamweaver 8.

**Description**

This function lets you see which files Dreamweaver thinks are the same on the remote and local sites in the Site Synchronize preview dialog box. If the function is called when the Show All Files checkbox is selected, it deselects it; conversely, if the Show all Files checkbox is not selected, this function selects it.

**Arguments**

None.

**Returns**

Nothing.

## **site.addLinkToExistingFile()**

**Availability**

Dreamweaver 3.

**Description**

Opens the Select HTML File dialog box to let the user select a file and creates a link from the selected document to that file.

**Arguments**

None.

**Returns**

Nothing.

## **site.changeLinkSitewide()**

**Availability**

Dreamweaver 3.

**Description**

Opens the Change Link Sitewide dialog box.

**Arguments**

None.

**Returns**

Nothing.

## site.changeLink()

**Availability**

Dreamweaver 3.

**Description**

Opens the Select HTML File dialog box to let the user select a new file for the link.

**Arguments**

None.

**Returns**

Nothing.

## site.checkIn()

**Availability**

Dreamweaver 3.

**Description**

Checks in the selected files and handles dependent files in one of the following ways:

- If the user selects Prompt on Put/Check In in the Site FTP preferences, the Dependent Files dialog box appears.
- If the user previously selected the Don't Show Me Again option in the Dependent Files dialog box and clicked Yes, dependent files are uploaded and no dialog box appears.
- If the user previously selected the Don't Show Me Again option in the Dependent Files dialog box and clicked No, dependent files are not uploaded and no dialog box appears.

**Arguments**

*siteOrURL*

- The *siteOrURL* argument must be the keyword "site", which indicates that the function should act on the selection in the Files panel or the URL for a single file.

**Returns**

Nothing.

**Enabler**

See "[site.canCheckIn\(\)](#)" on page 515.

## site.checkLinks()

### Availability

Dreamweaver 3.

### Description

Opens the Link Checker dialog box and checks links in the specified files.

### Arguments

*scopeOfCheck*

- The *scopeOfCheck* argument specifies the scope of the link checking. The value must be "document", "selection", or "site".

### Returns

Nothing.

## site.checkOut()

### Availability

Dreamweaver 3.

### Description

Checks out the selected files and handles dependent files in one of the following ways:

- If the user selects Prompt on Get/Check Out in the Site FTP preferences, the Dependent Files dialog box appears.
- If the user previously selected the Don't Show Me Again option in the Dependent Files dialog box and clicked Yes, dependent files are downloaded and no dialog box appears.
- If the user previously selected the Don't Show Me Again option in the Dependent Files dialog box and clicked No, dependent files are not downloaded and no dialog box appears.

### Arguments

*siteOrURL*

- The *siteOrURL* argument must be the keyword "site", which indicates that the function should act on the selection in the Files panel or the URL for a single file.

### Returns

Nothing.

### Enabler

See "[site.canCheckOut\(\)](#)" on page 516.

## site.checkTargetBrowsers()

### Availability

Dreamweaver 3.

**Description**

Runs a target browser check on the selected files.

**Arguments**

None.

**Returns**

Nothing.

**site.cloak()****Availability**

Dreamweaver MX.

**Description**

Cloaks the current selection in the Files panel or the specified folder.

**Arguments**

*siteOrURL*

The *siteOrURL* argument must contain one of the following two values:

- The keyword "site", which indicates that `cloak()` should act on the selection in the Files panel.
- The URL of a particular folder, which indicates that `cloak()` should act on the specified folder and all its contents.

**Returns**

Nothing.

**Enabler**

See "[site.canCloak\(\)](#)" on page 516.

**site.compareFiles()****Availability**

Dreamweaver 8.

**Description**

This function launches the Diff tool integration application to compare two files.

**Arguments**

*url*

The *url* argument, which is required, must contain one of the following two values:

- The keyword "site", which indicates that `compare()` should act on the selection in the Files panel.
- The URL of a local file to compare with its remote version.

**Returns**

A Boolean value: `true` if the compare succeeded; `false` otherwise.

**Enabler**

See “[site.canCompareFiles\(\)](#)” on page 517.

**Example**

The following example compares the files selected in the Files panel with their remote versions:

```
site.compareFiles("site");
```

## **site.defineSites()**

**Availability**

Dreamweaver 3.

**Description**

This function opens the Site Definition dialog box.

**Arguments**

None.

**Returns**

Nothing.

## **site.deleteSelection()**

**Availability**

Dreamweaver 3.

**Description**

Deletes the selected files.

**Arguments**

None.

**Returns**

Nothing.

## **site.deployFilesToTestingServerBin()**

**Availability**

Dreamweaver MX.

**Description**

Puts a specified file (or files) in the testing server's bin folder. If the current site does not have any settings defined for deploying supporting files, this function starts the Deploy Supporting Files To Testing Server dialog box.

**Arguments**

*filesToDeploy*

- The *filesToDeploy* argument is an array of filenames that Dreamweaver will deploy.

**Returns**

A Boolean value: `true` if the files deploy successfully; `false` otherwise.

**Example**

This example deploys the files `image1.jpg` and `script1.js` to the testing server's bin folder:

```
site.deployFilesToTestingServerBin("image1.jpg", "script1.js");
```

**site.displaySyncInfoForFile()****Availability**

Dreamweaver CS3.

**Description**

Presents a dialog box that contains the local, remote, and testing times of the file corresponding to the parameter passed. This information is stored in the synchronization `dwsync.xml` file.

The dialog box displays four times:

- The Local Remote Time, which indicates for the local file, the time stamp of the last put or get command to the remote server.
- The Remote Time, which indicates for the file on the remote server, the time stamp of the last get or put command to the remote server.
- The Local Testing Time, which indicates for the local file, the time stamp of the last get or put command to the testing server.
- The Testing Time, which indicates for the file on the testing server, the time stamp of the last get or put command to the testing server.

If the `dwsync.xml` file does not contain any information for the file, a message appears indicating that no information is available. If the time is set in the XML file, it is displayed in the date/time format for the locale (such as: 6/24/05 2:43pm). If the time isn't set in the entry for the file, a dash (-) is displayed.

This function works on the selected file in the Local File View, if '`site`' is passed, or the file corresponding to the local URL, if a URL is passed.

**Arguments**

*path, 'site'*

- *path* is the URL to a local file.
- '`site`' indicates that the function uses the file selected in the Files panel.

**Returns**

Nothing.

**Enabler**

See “[site.canDisplaySyncInfoForFile\(\)](#)” on page 517.

## site.editColumns()

**Description**

This function displays the Site Definition dialog box, which shows the File View Columns section.

**Arguments**

None.

**Returns**

Nothing.

## site.exportSite()

**Availability**

Dreamweaver MX; updated in Dreamweaver CS4.

**Description**

Exports a Dreamweaver site to an XML file, which can be imported into another Dreamweaver instance to duplicate the former site.

All the information that is contained in the Site Definition dialog box is saved in an XML file. It includes the list of cloaked folders and information about the default document type. The exception is that the user can omit the user login and password when FTP access is set.

**Arguments**

*siteName*, {*askAboutLoginInfo*}, {*warnAboutSCS*}, {*savePath*}

- The *siteName* argument identifies the site to export. If *siteName* is an empty string, Dreamweaver exports the current site.
- The *askAboutLoginInfo* argument specifies whether the user is shown a dialog box asking them if they want to save their login information. This argument is optional.
- The *warnAboutSCS* argument lets you control whether the user is shown a warning about login information not being saved if they access their site via source control. This argument is optional.
- The *savePath* argument is the local path to a folder (for example, C:\sites\mySites\). If you supply a *savePath*, the .ste file is always saved with the name of the site. This argument is optional.

**Returns**

A Boolean value: `true` if the named site exists and if the XML file is successfully exported; `false` otherwise.

**Example**

The following example shows a sample XML file that Dreamweaver creates when you export a site:

```
<?xml version="1.0" ?>
<site>
  <localinfo
    sitename="DW00"
    localroot="C:\Documents and Settings\jlondon\Desktop\DWServer\
    imagefolder="C:\Documents and Settings\jlondon\Desktop\DWServer\Images\
    spacerfilepath=""
    refreshlocal="TRUE"
    cache="FALSE"
    httpaddress="http://" curserver="webserver" />
  <remoteinfo
    accesstype="ftp"
    host="dreamweaver"
    remoteroot="kojak/"
    user="dream"
    checkoutname="Jay"
    emailaddress="jay@Adobe.com"
    usefirewall="FALSE"
    usepasv="TRUE"
    enablecheckin="TRUE"
    checkoutwhenopen="TRUE" />
  <designnotes
    usedesignnotes="TRUE"
    sharedesignnotes="TRUE" />
  <sitemap
    homepage="C:\Documents and Settings\jlondon\Desktop\DWServer\Untitled-2.htm"
    pagesperrow="200" columnwidth="125" showdependentfiles="TRUE"
    showpagetitles="FALSE" showhiddenfiles="TRUE" />
  <fileviewcolumns sharecolumns="TRUE">
    <column name="Local Folder"
      align="left" show="TRUE" share="FALSE" builtin="TRUE"
      localwidth="180" remotewidth="180" />
    <column name="Notes"
      align="center" show="TRUE" share="FALSE" builtin="TRUE"
      localwidth="36" remotewidth="36" />
    <column name="Size"
      align="right" show="TRUE" share="FALSE" builtin="TRUE"
      localwidth="-2" remotewidth="-2" />
    <column name="Type"
      align="left" show="TRUE" share="FALSE" builtin="TRUE"
      localwidth="60" remotewidth="60" />
    <column name="Modified"
      align="left" show="TRUE" share="FALSE" builtin="TRUE"
      localwidth="102" remotewidth="102" />
    <column name="Checked Out By"
      align="left" show="TRUE" share="FALSE" builtin="TRUE"
      localwidth="50" remotewidth="50" />
    <column name="Status" note="status"
      align="left" show="TRUE" share="FALSE" builtin="FALSE"
      localwidth="50" remotewidth="50" />
  </fileviewcolumns>
  <appserverinfo>
```

```
servermodel="ColdFusion"
urlprefix="http://dreamweaver/kojak/"
serverscripting="CFML"
serverpageext=""
connections迁migrated="TRUE"
useUD4andUD5pages="TRUE"
defaultdoctype=""
accesstype="ftp"
host="dreamweaver"
remoteroot="kojak/"
user="dream"
usefirewall="FALSE"
usepasv="TRUE" />
<cloaking enabled="TRUE" patterns="TRUE">
  <cloakedfolder folder="databases/" />
  <cloakedpattern pattern=".png" />
  <cloakedpattern pattern=".jpg" />
  <cloakedpattern pattern=".jpeg" />
</cloaking>
</site>
```

## site.get()

### Availability

Dreamweaver 3.

### Description

Gets the specified files and handles dependent files in one of the following ways:

- If the user selects Prompt on Get/Check Out in the Site FTP preferences, the Dependent Files dialog box appears.
- If the user previously selected the Don't Show Me Again option in the Dependent Files dialog box and clicked Yes, dependent files are downloaded and no dialog box appears.
- If the user previously selected the Don't Show Me Again option in the Dependent Files dialog box and clicked No, dependent files are not downloaded and no dialog box appears.

### Arguments

*siteOrURL*

- The *siteOrURL* argument must be the keyword "site", which indicates that the function should act on the selection in the Files panel or the URL for a single file.

### Returns

Nothing.

### Enabler

See "[site.canGet\(\)](#)" on page 518.

## site.getAppServerAccessType()

### Availability

Dreamweaver MX.

### Description

Returns the access method that is used for all files on the current site's application server. The current site is the site that is associated with the document that currently has focus. If no document has focus, the site that you opened in Dreamweaver is used.

**Note:** ColdFusion Component Explorer uses this function; see “[site.getAppServerPathToFiles\(\)](#)” on page 230 and “[site.getLocalPathToFiles\(\)](#)” on page 233.

### Arguments

None.

### Returns

One of the following strings:

- "none"
- "local/network"
- "ftp"
- "source\_control"

## site.getAppServerPathToFiles()

### Availability

Dreamweaver MX.

### Description

Determines the path to the remote files on the application server that is defined for the current site. The current site is the site that is associated with the document that currently has focus. If no document has focus, the site that you opened in Dreamweaver is used.

**Note:** ColdFusion Component Explorer uses this function; see “[site.getAppServerAccessType\(\)](#)” on page 230 and “[site.getLocalPathToFiles\(\)](#)” on page 233.

### Arguments

None.

### Returns

If the access type to the application server file is local/network, this function returns a path; otherwise, this function returns an empty string.

## site.getAppURLPrefixForSite()

### Availability

Dreamweaver MX.

### Description

Gets the value of the URL prefix that is extracted from the HTTP address defined in the Local Info section of the site definition dialog. It is the path that appears after the `http://hostname:portnumber/`.

### Arguments

{*siteName*}

The *siteName* argument, which is optional, is the name of the site for which you want to get the URL prefix. If you do not specify a site, the function gets the URL prefix for the current site.

### Returns

A string that contains the URL prefix of the currently selected site.

### Example

```
var sitePrefix = site.getAppURLPrefixForSite();
```

## site.getCheckOutUser()

### Availability

Dreamweaver 3.

### Description

Gets the login and check-out name that is associated with the current site.

### Arguments

None.

### Returns

A string that contains a login and check-out name, if defined, or an empty string if Check In/Check Out is disabled.

### Example

A call to `site.getCheckOutUser()` might return "denise (deniseLaptop)". If no check-out name is specified, only the login name returns (for example, "denise").

## site.getCheckOutUserForFile()

### Availability

Dreamweaver 3.

### Description

Gets the login and check-out name of the user who has the specified file checked out.

**Arguments***fileName*

- The *fileName* argument is the path to the file being queried, which is expressed as a file://URL.

**Returns**

A string that contains the login and check-out name of the user who has the file checked out or an empty string if the file is not checked out.

**Example**

A call to `site.getCheckOutUserForFile("file:///C:/sites/avocado8/index.html")` might return "denise (deniseLaptop)". If no check-out name is specified, only the login name returns (for example, "denise").

## site.getCloakingEnabled()

**Availability**

Dreamweaver MX.

**Description**

Determines whether cloaking is enabled for the current site.

**Arguments**

None.

**Returns**

A Boolean value: `true` if cloaking is enabled for the current site; `false` otherwise.

## site.getConnectionState()

**Availability**

Dreamweaver 3.

**Description**

Gets the current connection state.

**Arguments**

None.

**Returns**

A Boolean value that indicates whether the remote site is connected.

**Enabler**

See "[site.canConnect\(\)](#)" on page 517.

## site.getCurrentSite()

### Availability

Dreamweaver 3.

### Description

Gets the current site.

### Arguments

None.

### Returns

A string that contains the name of the current site.

### Example

If you defined several sites, a call to `site.getCurrentSite()` returns the one that is currently showing in the Current Sites List in the Files panel.

## site.getFocus()

### Availability

Dreamweaver 3, and updated in CS4.

### Description

Determines which pane of the Files panel has focus.

### Arguments

None.

### Returns

One of the following strings local or remote.

## site.getLocalPathToFiles()

### Availability

Dreamweaver MX.

### Description

Determines the path to the local files that are defined for the current site. The current site is the site that is associated with the document that currently has focus. If no document has focus, the site that you opened in Dreamweaver is used.

**Note:** ColdFusion Component Explorer uses this function; see “[site.getAppServerAccessType\(\)](#)” on page 230 and “[site.getAppServerPathToFiles\(\)](#)” on page 230.

**Arguments**

None.

**Returns**

The path to the files residing on the local computer for the current site.

**site.getLocalRootURL()****Availability**

Dreamweaver CS4.

**Description**

Gets the local root folder of the site.

**Arguments**

*siteName*

- The *siteName* argument is a string that specifies the name of the site.

**Returns**

A string that contains the local root folder of the named site, expressed as file://URL. The string is empty when the specified site does not exist.

**site.getSelection()****Availability**

Dreamweaver 3.

**Description**

Determines which files are currently selected in the Files panel.

**Arguments**

None.

**Returns**

An array of strings that represents the paths of the selected files and folders, which is expressed as a file:// URL or an empty array if no files or folders are selected.

**site.getSiteForURL()****Availability**

Dreamweaver MX.

**Description**

Gets the name of the site, if any, that is associated with a specific file.

**Arguments***fileURL*

- The *fileURL* argument is the fully qualified URL (including the string "file:///") for a named file.

**Returns**

A string that contains the name of the site, if any, in which the specified file exists. The string is empty when the specified file does not exist in any defined site.

**site.getSites()****Availability**

Dreamweaver 3.

**Description**

Gets a list of the defined sites.

**Arguments**

None.

**Returns**

An array of strings that represents the names of the defined sites, or an empty array if no sites are defined.

**site.getSiteRootForURL()****Availability**

Dreamweaver CS4.

**Description**

Gets the local root folder of the site associated with a specific file URL.

**Arguments***fileURL*

- The *fileURL* argument is a string argument that contains the fully qualified URL (including the string file:/// for a named file).

**Returns**

A string that contains the local root folder of the site, expressed as a `file://URL`, in which the specified file exists. The string is empty when the specified file does not exist in any defined site.

**Example**

```
var dom = dw.getDocumentDOM();
var siteRoot = site.getSiteRootForURL(dom.URL);
```

## site.getSiteURLPrefix()

### Availability

Dreamweaver 8.

### Description

Gets the site URL prefix that is extracted from the HTTP Address defined in Local Info section.

### Arguments

None.

### Returns

A string that contains the site URL prefix.

### Example

```
sitePrefix = getSiteURLPrefix();
```

## site.importSite()

### Availability

Dreamweaver MX.

### Description

Creates a Dreamweaver site from an XML file. Dreamweaver uses the `localroot` attribute of the `<localinfo>` element to identify the local root folder for the site. During import, if this folder does not exist on the local computer, Dreamweaver prompts for a different local root folder. Dreamweaver behaves the same way when it tries to locate the default images folder that the `imagefolder` attribute of the `<localinfo>` element specifies.

### Arguments

`pathToSteFile`

- The `pathToSteFile` argument is a string that contains the URL for the STE file. Dreamweaver uses this file to create a site. If `pathToSteFile` is an empty string, Dreamweaver prompts the user to select a STE file to import.

### Returns

A Boolean value: `true` if the named STE file exists and if the site is created successfully; `false` otherwise.

## site.isCloaked()

### Availability

Dreamweaver MX.

### Description

Determines whether the current selection in the Files panel or the specified folder is cloaked.

**Arguments***siteOrURL*

- The *siteOrURL* argument must contain one of the following two values:
  - The keyword "site", which indicates that the `isCloaked()` function should test the selection in the Files panel.
  - The file URL of a particular folder, which indicates that `isCloaked()` should test the specified folder.

**Returns**

A Boolean value: `true` if the specified object is cloaked; `false` otherwise.

**site.locateInSite()****Availability**

Dreamweaver 3.

**Description**

Locates the specified file (or files) in the specified pane of the Files panel and selects the files.

**Arguments***localOrRemote, siteOrURL*

- The *localOrRemote* argument must be either "local" or "remote".
- The *siteOrURL* argument must be the keyword "site", which indicates that the function should act on the selection in the Files panel or the URL for a single file.

**Returns**

Nothing.

**Enabler**

See "[site.canLocateInSite\(\)](#)" on page 518.

**site.makeEditable()****Availability**

Dreamweaver 3.

**Description**

Turns off the read-only flag on the selected files.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[site.canMakeEditable\(\)](#)” on page 519.

## site.makeNewDreamweaverFile()

**Availability**

Dreamweaver 3.

**Description**

Creates a new Dreamweaver file in the Files panel in the same folder as the first selected file or folder.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[site.canMakeNewFileOrFolder\(\)](#)” on page 519.

## site.makeNewFolder()

**Availability**

Dreamweaver 3.

**Description**

Creates a new folder in the Files panel in the same folder as the first selected file or folder.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[site.canMakeNewFileOrFolder\(\)](#)” on page 519.

## site.newSite()

**Availability**

Dreamweaver 3.

**Description**

Opens the Site Definition dialog box for a new, unnamed site.

**Arguments**

None.

**Returns**

Nothing.

**site.open()****Availability**

Dreamweaver 3.

**Description**

Opens the files that are currently selected in the Files panel. If any folders are selected, they are expanded in the Site Files view.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[site.canOpen\(\)](#)” on page 519.

**site.put()****Availability**

Dreamweaver 3.

**Description**

Puts the selected files and handles dependent files in one of the following ways:

- If the user selects Prompt on Put/Check In in the Site FTP preferences, the Dependent Files dialog box appears.
- If the user previously selected the Don’t Show Me Again option in the Dependent Files dialog box and clicked Yes, dependent files are uploaded and no dialog box appears.
- If the user previously selected the Don’t Show Me Again option in the Dependent Files dialog box and clicked No, dependent files are not uploaded and no dialog box appears.

**Arguments**

*siteOrURL*

- The *siteOrURL* argument must be the keyword “`site`”, which indicates that the function should act on the selection in the Files panel or the URL for a single file.

**Returns**

Nothing.

**Enabler**

See “[site.canPut\(\)](#)” on page 520.

## site.recreateCache()

**Availability**

Dreamweaver 3.

**Description**

Re-creates the cache for the current site.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[site.canRecreateCache\(\)](#)” on page 520.

## site.refresh()

**Availability**

Dreamweaver 3, and updated in CS4.

**Description**

Refreshes the file listing on the specified side of the Files panel.

**Arguments**

*whichSide*

- The *whichSide* argument must be `local`, or `remote`.

**Returns**

Nothing.

**Enabler**

See “[site.canRefresh\(\)](#)” on page 520.

## site.remotelsValid()

**Availability**

Dreamweaver 3.

**Description**

Determines whether the remote site is valid.

**Arguments**

None.

**Returns**

A Boolean value that indicates whether a remote site has been defined and, if the server type is Local/Network, whether the drive is mounted.

**site.renameSelection()****Availability**

Dreamweaver 3.

**Description**

Turns the name of the selected file into a text field, so the user can rename the file. If more than one file is selected, this function acts on the last selected file.

**Arguments**

None.

**Returns**

Nothing.

**site.selectAll()****Availability**

Dreamweaver 3, and updated in CS4.

**Description**

Selects all files in the active view.

**Arguments**

None.

**Returns**

Nothing.

**site.selectNewer()****Availability**

Dreamweaver 3.

**Description**

Selects all files that are newer on the specified side of the Files panel.

**Arguments***whichSide*

- The *whichSide* argument must be either "local" or "remote".

**Returns**

Nothing.

**Enabler**See "[site.canSelectNewer\(\)](#)" on page 521.

## site.serverActivity()

**Availability**

Dreamweaver 8.

**Description**

This function determines whether Dreamweaver is currently interacting with a server. Because Dreamweaver cannot do more than one server activity at a time, this function lets you determine whether to disable functionality that requires server interaction.

**Arguments**

None.

**Returns**

A Boolean value that indicates whether Dreamweaver is currently interacting with a server.

**Example**

The following example, from the menus.xml file, displays a menu item if there is no server activity (and if there is a current site specified in Dreamweaver):

```
<menuitem name="Remove Connection Scripts" enabled="!site.serverActivity() &&
site.getCurrentSite() != ''" command="alert(MMDB.removeConnectionScripts())"
id="SiteOptionsSiteMenu_RemoveConnectionScripts" />
```

## site.setCloakingEnabled()

**Availability**

Dreamweaver MX.

**Description**

Determines whether cloaking should be enabled for the current site.

**Arguments***enable*

- The *enable* argument is a Boolean value that indicates whether cloaking should be enabled. A value of `true` enables cloaking for the current site; a value of `false` disables cloaking for the current site.

**Returns**

None.

**site.setConnectionState()****Availability**

Dreamweaver 3.

**Description**

Sets the connection state of the current site.

**Arguments**

*bConnected*

- The *bConnected* argument is a Boolean value that indicates if there is a connection (`true`) or not (`false`) to the current site.

**Returns**

Nothing.

**site.setCurrentSite()****Availability**

Dreamweaver 3.

**Description**

Opens the specified site in the local pane of the Files panel.

**Arguments**

*whichSite*

- The *whichSite* argument is the name of a defined site (as it appears in the Current Sites list in the Files panel or the Site Definition dialog box).

**Returns**

Nothing.

**Example**

If three sites are defined (for example, avocado8, dreamcentral, and testsite), a call to `site.setCurrentSite("dreamcentral")`; makes dreamcentral the current site.

**site.setFocus()****Availability**

Dreamweaver 3, and updated in CS4.

**Description**

Gives focus to a specified pane in the Files panel. If the specified pane is not showing, this function displays the pane and gives it focus.

**Arguments**

*whichPane, nextTextView*

- The *whichPane* argument must be one of the following strings: `local` or `remote`.
- The *nextTextView* argument toggles focus between views in split view.

**Returns**

Nothing.

**site.setSelection()****Availability**

Dreamweaver 3.

**Description**

Selects files or folders in the active pane in the Files panel.

**Arguments**

*arrayOfURLs*

- The *arrayOfURLs* argument is an array of strings where each string is a path to a file or folder in the current site, which is expressed as a `file://` URL.

*Note:* Omit the trailing slash (/) when specifying folder paths.

**Returns**

Nothing.

**site.siteRelativeToLocalPath()****Availability**

Dreamweaver 8.

**Description**

Converts a site-relative URI reference to a local file path.

**Arguments**

*siteRelativeURI*

- The *siteRelativeURI* attribute, which is required, is a string that contains the site-relative URI.

**Returns**

A string, which specifies the path to a local file on your local computer.

**Example**

The following example

```
var filePath = site.siteRelativeToLocalPath("/myWebApp/myFile.xml");
returns "C:\Inetpub\wwwroot\siteA\myFile.xml" based on your site mappings and HTTP address specified in the
Local info of the Site Definition dialog box.
```

## site.synchronize()

**Availability**

Dreamweaver 3.

**Description**

Opens the Synchronize Files dialog box.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[site.canSynchronize\(\)](#)” on page 521.

## site.uncloak()

**Availability**

Dreamweaver MX.

**Description**

Uncloaks the current selection in the Files panel or the specified folder.

**Arguments**

*siteOrURL*

- The *siteOrURL* argument must contain one of the following values:
  - The keyword “site”, which indicates that the `uncloak()` function should act on the selection in the Files panel.
  - The URL of a particular folder, which indicates that the `uncloak()` function should act on the specified folder and all its contents.

**Returns**

Nothing.

**Enabler**

See “[site.canUncloak\(\)](#)” on page 522.

## site.uncloakAll()

**Availability**

Dreamweaver MX.

**Description**

Uncloaks all folders in the current site and deselects the Cloak Files Ending With: checkbox in the Cloaking settings.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[site.canUncloak\(\)](#)” on page 522.

## site.undoCheckOut()

**Availability**

Dreamweaver 3.

**Description**

Removes the lock files that are associated with the specified files from the local and remote sites, and replaces the local copy of the specified files with the remote copy.

**Arguments**

*siteOrURL*

- The *siteOrURL* argument must be the keyword “`site`”, which indicates that the function should act on the selection in the Files panel or the URL for a single file.

**Returns**

Nothing.

**Enabler**

See “[site.canUndoCheckOut\(\)](#)” on page 522.

# Chapter 14: Document

The Document functions in Adobe® Dreamweaver® perform operations that affect the document on which the user is working. The Document functions enable you to perform the following:

- Convert tables to layers
- Run a command in the Configuration/Commands folder
- Browse for a file URL
- Convert a relative URL to an absolute URL
- Get the currently selected node
- Perform URL encoding on a string
- Run a translator on the document

## Conversion functions

Conversion functions convert tables to layers, layers to tables, and cascading style sheets (CSS) to HTML markup. Each function exactly duplicates the behavior of one of the conversion commands in the File or Modify menu.

### **dom.convertLayersToTable()**

#### **Availability**

Dreamweaver 3.

#### **Description**

Opens the Convert Layers to Table dialog box.

#### **Arguments**

None.

#### **Returns**

Nothing.

#### **Enabler**

See “[dom.canConvertLayersToTable\(\)](#)” on page 489.

### **dom.convertTablesToLayers()**

#### **Availability**

Dreamweaver 3.

**Description**

Opens the Convert Tables to Layers dialog box.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canConvertTablesToLayers\(\)](#)” on page 489.

## Command functions

Command functions help you make the most of the files in the Configuration/Commands folder. They manage the Command menu and call commands from other types of extension files.

### **dreamweaver.editCommandList()**

**Availability**

Dreamweaver 3.

**Description**

Opens the Edit Command List dialog box.

**Arguments**

None.

**Returns**

Nothing.

### **dreamweaver.runCommand()**

**Availability**

Dreamweaver 3.

**Description**

Executes the specified command; it works the same as selecting the command from a menu. If a dialog box is associated with the command, it appears and the command script blocks other edits until the user closes the dialog box. This function provides the ability to call a command from another extension file.

**Note:** This function can be called within the `objectTag()` function, from any script in a command file, or from the Property inspector file.

**Arguments**

*commandFile, {commandArg1}, {commandArg2}...{commandArgN}*

- The *commandFile* argument is a filename in the Configuration/Commands folder.
- The remaining arguments, *commandArg1*, *commandArg2*, and so on, which are optional, pass to the *receiveArguments()* function in the *commandFile* argument.

**Returns**

Nothing.

**Example**

You can write a custom Property inspector for tables that lets users get to the Format Table command from a button on the inspector by calling the following function from the button's *onClick* event handler:

```
function callFormatTable() {
    dreamweaver.runCommand('Format Table.htm');
}
```

## File manipulation functions

File manipulation functions handle creating, opening, and saving documents (including XML and XHTML), converting existing HTML documents into XHTML, and exporting CSS to external files. These functions accomplish such tasks as browsing for files or folders, creating files based on templates, closing documents, and getting information about recently opened files.

### dom.cleanupXHTML()

**Availability**

Dreamweaver MX.

**Description**

This function is similar to the *convertToXHTML()* function, but it cleans up an existing XHTML document. This function can run on a selection within the document. You can run the *cleanupXHTML()* function to clean up the syntax in an entire XHTML document or in the current selection of a document.

**Arguments**

*bWholeDoc*

- The *bWholeDoc* argument holds a Boolean value. If the value is *true*, the *cleanupXHTML()* function cleans up the entire document; otherwise, this function cleans up only the selection.

**Returns**

An array of six integers that quantify the number of the following elements:

- XHTML errors that Dreamweaver fixed
- The *map* elements that do not have an *id* attribute and cannot be fixed
- The *script* elements that do not have a *type* attribute and cannot be fixed

- The `style` elements that do not have a `type` attribute and cannot be fixed
- The `img` elements that do not have an `alt` attribute and cannot be fixed
- The `area` elements that do not have an `alt` attribute and cannot be fixed

## dom.convertToXHTML()

### Availability

Dreamweaver MX.

### Description

Parses the HTML into a DOM tree, inserts missing items that are required for XHTML, cleans up the tree, and then writes the tree as clean XHTML. The missing directives, declarations, elements, and attributes that the `convertToXHTML()` function adds to the DOM tree, as necessary, include the following items:

- An XML directive
- A `doctype` declaration
- The `xmlns` attribute in the `html` element
- A `head` section
- A `title` element
- A `body` section

During the conversion, the `dom.convertToXHTML()` function converts pure HTML tags and attributes to lowercase, writes HTML tags and attributes with correct XHTML syntax, and adds missing HTML attributes where it can. This function treats third-party tags and attributes according to the settings in the Preferences dialog box.

If the document is a template, the `dom.convertToXHTML()` function alerts the user but does not perform the conversion.

### Arguments

None.

### Returns

An array of six integers that quantify the following items:

- XHTML errors that Dreamweaver fixed
- The `map` elements that do not have an `id` attribute and cannot be fixed
- The `script` elements that do not have a `type` attribute and cannot be fixed
- The `style` elements that do not have a `type` attribute and cannot be fixed
- The `img` elements that do not have an `alt` attribute and cannot be fixed
- The `area` elements that do not have an `alt` attribute and cannot be fixed

**Example**

In normal use, an extension first calls the `dreamweaver.openDocument()` or `dreamweaver.getDocumentDOM()` functions to get a reference to the document. The extension then calls the `dom.getIsXHTMLDocument()` function to determine whether the document is already in XHTML form. If it is not, the extension calls the `dom.convertToXHTML()` function to convert the document into XHTML. Then the extension calls the `dreamweaver.saveDocument()` function to save the converted file with a new filename.

## **dom.getIsXHTMLDocument()**

**Availability**

Dreamweaver MX.

**Description**

Checks a document (specifically, the `<!DOCTYPE>` declaration) to see whether it is XHTML.

**Arguments**

None.

**Returns**

A `true` value if the document is XHTML; `false` otherwise.

## **dreamweaver/browseForFileURL()**

**Availability**

Dreamweaver 1, enhanced in 2, 3, and 4.

**Description**

Opens the specified type of dialog box with the specified label in the title bar.

**Arguments**

`openSelectOrSave, {titleBarLabel}, {bShowPreviewPane}, {bSuppressSiteRootWarnings},  
{arrayOfExtensions}, {startFolder}, {allowDynamic}, {fileToLocate}`

- The `openSelectOrSave` argument is a string that indicates the type of dialog box as `open`, `select`, or `save`.
- The `titleBarLabel` argument (added in Dreamweaver 2) is the label that appears in the title bar of the dialog box. If this argument is omitted, Dreamweaver uses the default label that the operating system supplies.
- The `bShowPreviewPane` argument (added in Dreamweaver 2) is a Boolean value that indicates whether to display the Image Preview Pane in the dialog box. If the value of this argument is `true`, the dialog box filters for image files; if omitted, it defaults to `false`.
- The `bSuppressSiteRootWarnings` argument (added in Dreamweaver 3) is a Boolean value that indicates whether to suppress warnings when the selected file is outside the site root. If this argument is omitted, it defaults to `false`.
- The `arrayOfExtensions` argument (added in Dreamweaver 4) is an array of strings. It specifies the default content for the Files of type list menu, which appears at the bottom of the dialog box. The syntax for this argument is `menuEntryText | .xxx [, .yyy, .zzz] | CCCC |`, where:
  - `menuEntryText` is the name of the file type.

- You can specify the extensions as `.xxx[;.yyy;.zzz]` or `CCCC`:
  - `.xxx` specifies the filename extension for the file type. Use `.yyy` and `.zzz` to specify multiple filename extensions.
  - `CCCC` is the four-character file type constant for Macintosh.

The following example provides two filters in your Select dialog, one for mp3 files and one for All Files:

```
dw.browseForFileURL("select", "Please select an mp3", false, true, new Array("mp3 Files (*.MP3) | *.mp3| |", "All Files (*.*) | *.*| |"));
```

- The `startFolder` argument is a string value that can be used to specify the file URL of the folder in which the search begins. If this argument is not specified, then the search begins from the last directory that was used. This argument is optional.
- The `allowDynamic` argument is a Boolean value that indicates whether to allow dynamic URLs or parameters. If the value of this argument is `true`, it indicates that dynamic URLs or parameters are allowed. This argument is optional.
- The `fileToLocate` argument is a string value that is used to specify the file URL of the file you want to locate. This argument is optional.

#### Returns

A string that contains the name of the file expressed as a file://URL.

## **dreamweaver/browseForFolderURL()**

#### Availability

Dreamweaver 3.

#### Description

Opens the Choose Folder dialog box with the specified label in the title bar.

#### Arguments

`{titleBarLabel}, {directoryToStartIn}`

- The `titleBarLabel` argument is the label that should appear in the title bar of the dialog box. If it is omitted, the `titleBarLabel` argument defaults to Choose Folder.
- The `directoryToStartIn` argument is the path where the folder should open, which is expressed as a file:// URL.

#### Returns

A string that contains the name of the folder, which is expressed as a file:// URL.

#### Example

The following code returns the URL of a folder:

```
return dreamweaver.browseForFolderURL('Select a Folder', ~
dreamweaver.getSiteRoot());
```

## **dreamweaver.closeDocument()**

### **Availability**

Dreamweaver 2.

### **Description**

Closes the specified document.

### **Arguments**

*documentObject*

- The *documentObject* argument is the object at the root of a document's DOM tree (the value that the `dreamweaver.getDocumentDOM()` function returns). If the *documentObject* argument refers to the active document, the Document window might not close until the script that calls this function finishes executing.

### **Returns**

Nothing.

## **dreamweaver.createDocument()**

### **Availability**

Dreamweaver 2, enhanced in Dreamweaver 4.

### **Description**

Depending on the argument that you pass to this function, it opens a new document either in the same window or in a new window. The new document becomes the active document.

**Note:** This function can be called only from the menus.xml file, a command, or the Property inspector file. If a behavior action or object tries to call this function, Dreamweaver displays an error message.

### **Arguments**

{*bOpenInSameWindow*}, {*type*}

- The *bOpenInSameWindow* argument is a Boolean value that indicates whether to open the new document in the current window. If the *bOpenInSameWindow* argument is a value of `false`, if it is omitted, or if the function is called on the Macintosh, the new document opens in a separate window.
- The *type* argument specifies the type of document to create, as declared in the Dreamweaver Configuration/DocumentTypes/MMDocumentTypes.xml file as the `id` attribute of the `documenttype` tag. For example, the *type* argument could be "HTML", "ASP-JS", "ASP-VB", "ColdFusion", "CFC", "JSP", "ASP.NET\_VB", and so on. For a complete list of possible types, see the MMDocumentTypes.xml file. If you do not specify *type*, the value defaults to "HTML".

**Note:** You can extend the MMDocumentTypes file by adding your own document types. For information on extending document types, see Extending Dreamweaver.

### **Returns**

The document object for the newly created document. This is the same value that the `dreamweaver.getDocumentDOM()` function returns.

## **dreamweaver.createXHTMLDocument()**

### **Availability**

Dreamweaver MX.

### **Description**

Depending on the argument that you pass to this function, it opens a new XHTML document either in the same window or in a new window. The new document becomes the active document. It is similar to the `dreamweaver.createDocument()` function.

When Dreamweaver creates a new XHTML document, it reads a file named `default.xhtml`, which is located in the Configuration/Templates folder, and, using the content of that file, creates an output file that contains the following skeleton declarations:

```
<?xml version="1.0">
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<title>Untitled Document</title>
<meta http-equiv="Content-Type" content="text/html; charset=" />
</head>

<body bgcolor="#FFFFFF" text="#000000">

</body>
</html>
```

The default document type definition (DTD) declaration is `XHTML 1.0 Transitional`, rather than `Strict`. If the user adds a frameset to the document, Dreamweaver switches the DTD to `XHTML 1.0 Frameset`. `Content-Type` is `text/html`, and `charset` is intentionally left out of the `default.xhtml` file but is filled in before the user views the new document. The `?xml` directive is not required if the document uses UTF-8 or UTF-16 character encoding; if it is present, it might be rendered by some older browsers. However, because this directive should be in an XHTML document, by default, Dreamweaver uses it (for both new and converted documents). Users can manually delete the directive. The `?xml` directive includes the `encoding` attribute, which matches the `charset` in the `Content-Type` attribute.

### **Arguments**

*{bOpenInSameWindow}*

- The `bOpenInSameWindow` argument is a Boolean value that indicates whether to open the new document in the current window. If this value is `false` or omitted, or if the function is called on the Macintosh, the new document opens in a separate window.

### **Returns**

The document object for the newly created document, which is the same value that the `dreamweaver.getDocumentDOM()` function returns.

## **dreamweaver.createXMLDocument()**

### **Availability**

Dreamweaver MX.

### **Description**

Creates and opens a new XML file, which is empty except for the XML directive.

### **Arguments**

None.

### **Returns**

The DOM of the new XML file.

### **Example**

The following example creates a new document, which is empty except for the XML directive:

```
var theDOM = dreamweaver.createXMLDocument ("document");
```

## **dreamweaver.exportTemplateDataAsXML()**

### **Availability**

Dreamweaver MX.

### **Description**

Exports the current document to the specified file as XML. This function operates on the document that has focus, which must be a template. If you do not specify a filename argument, Dreamweaver MX opens a dialog box to request the export file string.

### **Arguments**

*{filePath}*

- The *filePath* argument, which is optional, is a string that specifies the filename to which Dreamweaver exports the template. Express the *filePath* argument as a URL file string, such as "file:///c|/temp/mydata.txt".

### **Returns**

Nothing.

### **Enabler**

See "["dreamweaver.canExportTemplateDataAsXML\(\)" on page 499.](#)

### **Example**

```
if(dreamweaver.canExportTemplateDataAsXML())
{
    dreamweaver.exportTemplateDataAsXML("file:///c|/dw_temp/mytemplate.txt")
}
```

## **dreamweaver.getDocumentDOM()**

### **Availability**

Dreamweaver 2.

### **Description**

Provides access to the objects tree for the specified document. After the tree of objects returns to the caller, the caller can edit the tree to change the contents of the document.

### **Arguments**

*{sourceDoc}*

- The *sourceDoc* argument must be "document", "parent", "parent.frames [number]", "parent.frames ['frameName']", or a URL. The *sourceDoc* value defaults to "document" if you do not supply a value. These argument values have the following meanings:
  - The *document* value specifies the document that has focus and contains the current selection.
  - The *parent* value specifies the parent frameset (if the currently selected document is in a frame).
  - The *parent.frames [number]* and *parent.frames ['frameName']* values specify a document that is in a particular frame within the frameset that contains the current document.
- If the argument is a relative URL, it is relative to the extension file.

**Note:** If the argument is "document", the calling function must be the *applyBehavior()*, *deleteBehavior()*, *objectTag()* functions, or any function in a command or Property inspector file that can perform edits to the document.

### **Returns**

The JavaScript document object at the root of the tree.

### **Examples**

The following example uses the *dreamweaver.getDocumentDOM()* function to access the current document:

```
var theDOM = dreamweaver.getDocumentDOM("document");
```

In the following example, the current document DOM identifies a selection and pastes it at the end of another document:

```
var currentDOM = dreamweaver.getDocumentDOM('document');
currentDOM.setSelection(100,200);
currentDOM.clipCopy();
var otherDOM = dreamweaver.openDocument(dreamweaver.-
getSiteRoot() + "html/foo.htm");
otherDOM.endOfDocument();
otherDOM.clipPaste();
```

**Note:** The *openDocument ()* argument is used because DOM methods normally operate only on open documents. Running a function on a document that isn't open causes a Dreamweaver error. The DOM methods that can operate only on the active document or on closed documents indicate this fact in their descriptions.

## **dreamweaver.getNewDocumentDOM()**

### **Availability**

Dreamweaver MX; added `documentType` argument in Dreamweaver 8.

### **Description**

Provides access to the editable tree for a new, empty document. This function works in the same way as the `getDocumentDOM()` function, except that it points to a new document, not an existing one, and does not open the document.

### **Arguments**

`{documentType}`

- The `documentType` argument is a string. Its value must be a document type specified in the `DocumentTypes.xml` file.

### **Returns**

A pointer to a new, empty document.

### **Example**

The following code returns the DOM for a new, empty document:

```
var theDOM = dreamweaver.getNewDocumentDOM();
```

## **dreamweaver.getRecentFileList()**

### **Availability**

Dreamweaver 3.

### **Description**

Gets a list of all the files in the recent files list at the bottom of the File menu.

### **Arguments**

None.

### **Returns**

An array of strings that represents the paths of the most recently accessed files. Each path is expressed as a file:// URL. If there are no recent files, the function returns nothing.

## **dreamweaver.importXMLIntoTemplate()**

### **Availability**

Dreamweaver 3.

### **Description**

Imports an XML text file into the current template document. This function operates on the document that has focus, which must be a template. If you do not specify a filename argument, Dreamweaver opens a dialog box to request the import file string.

**Arguments**{*filePath*}

- The *filePath* argument, which is optional, is a string that specifies the filename to which Dreamweaver imports the template. Express the *filePath* argument as a URL file string, such as "file:///c/temp/mydata.txt".

**Returns**

Nothing.

**[dreamweaver.newDocument\(\)](#)****Availability**

Dreamweaver MX.

**Description**

Opens a document in the current site and starts the New Document dialog box.

**Arguments**{*bopenWithCurSiteAndShowDialog*}

- The *bopenWithCurSiteAndShowDialog* argument, which is optional, has a value of `true` or `false`. Specify `true` to open a document with the current site and to cause the New Document dialog box to appear; `false` otherwise.

**Returns**

Nothing.

**[dreamweaver.newFromTemplate\(\)](#)****Availability**

Dreamweaver 3.

**Description**

Creates a new document from the specified template. If no argument is supplied, the Select Template dialog box appears.

**Arguments**{*templateURL*}, *bMaintain*

- The *templateURL* argument is the path to a template in the current site, which is expressed as a file:// URL.
- The *bMaintain* argument is a Boolean value, `true` or `false`, that indicates whether to maintain the link to the original template.

**Returns**

Nothing.

## **dreamweaver.openDocument()**

### **Availability**

Dreamweaver 2.

### **Description**

Opens a document for editing in a new Dreamweaver window and gives it the focus. For a user, the effect is the same as selecting File > Open and selecting a file. If the specified file is already open, the window that contains the document comes to the front. The window that contains the specified file becomes the currently selected document. In Dreamweaver 2, if Check In/Check Out is enabled, the file is checked out before it opens. In Dreamweaver 3 and later, you must use “[dreamweaver.openDocumentFromSite\(\)](#)” on page 259 to get this behavior.

*Note:* This function will cause an error if called from Behavior action or object files.

### **Arguments**

*fileName*

- The *fileName* argument is the name of the file to open, which is expressed as a URL. If the URL is relative, it is relative to the file that contains the script that called this function.

### **Returns**

The document object for the specified file, which is the same value that the `dreamweaver.getDocumentDOM()` function returns.

## **dreamweaver.openDocumentFromSite()**

### **Availability**

Dreamweaver 3.

### **Description**

Opens a document for editing in a new Dreamweaver window and gives it the focus. For a user, the effect is the same as double-clicking a file in the Site panel. If the specified file is already open, the window that contains the document comes to the front. The window that contains the specified file becomes the currently selected document.

*Note:* This function cannot be called from Behavior action or object files because it causes an error.

### **Arguments**

*fileName*

- The *fileName* argument is the file to open, which is expressed as a URL. If the URL is relative, it is relative to the file that contains the script that called this function.

### **Returns**

The document object for the specified file, which is the same value that the `dreamweaver.getDocumentDOM()` function returns.

## **dreamweaver.openInFrame()**

### **Availability**

Dreamweaver 3.

### **Description**

Opens the Open In Frame dialog box. When the user selects a document, it opens into the active frame.

### **Arguments**

None.

### **Returns**

Nothing.

### **Enabler**

See “[dreamweaver.canOpenInFrame\(\)](#)” on page 500.

## **dreamweaver.releaseDocument()**

### **Availability**

Dreamweaver 2.

### **Description**

Explicitly releases a previously referenced document from memory.

Documents that are referenced by the `dreamweaver.getObjectTags()`, `dreamweaver.getObjectRefs()`, `dreamweaver.getDocumentPath()`, or `dreamweaver.getDocumentDOM()` functions are automatically released when the script that contains the call finishes executing. If the script opens many documents, you must use this function to explicitly release documents before finishing the script to avoid running out of memory.

**Note:** This function is relevant only for documents that were referenced by a URL, are not currently open in a frame or document window, and are not extension files. Extension files are loaded into memory at startup and are not released until you quit Dreamweaver.

### **Arguments**

*documentObject*

- The *documentObject* argument is the object at the root of a document’s DOM tree, which is the value that the `dreamweaver.getDocumentDOM()` function returns.

### **Returns**

Nothing.

## **dreamweaver.revertDocument()**

### **Availability**

Dreamweaver 3.

**Description**

Reverts the specified document to the previously saved version.

**Arguments**

*documentObject, warn*

- The *documentObject* argument is the object at the root of the DOM tree of the document, which is the value that the `dreamweaver.getDocumentDOM()` function returns.
- The *warn* argument is a Boolean value that specifies whether to warn the users that unsaved changes will be discarded. If not supplied, this value defaults to `true`.

**Returns**

A Boolean value: `true` if Dreamweaver must warn the user; `false` otherwise.

**Enabler**

See “[dreamweaver.canRevertDocument\(\)](#)” on page 502.

**`dreamweaver.saveAll()`****Availability**

Dreamweaver 3.

**Description**

Saves all open documents, opening the Save As dialog box for any documents that have not been saved previously.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canSaveAll\(\)](#)” on page 502.

**`dreamweaver.saveDocument()`****Availability**

Dreamweaver 2.

**Description**

Saves the specified file on a local computer.

**Note:** In Dreamweaver 2, if the file is read-only, Dreamweaver tries to check it out. If the document is still read-only after this attempt, or if it cannot be created, an error message appears.

**Arguments***documentObject, {fileURL}*

- The *documentObject* argument is the object at the root of a document's DOM tree, which is the value that the `dreamweaver.getDocumentDOM()` function returns.
- The *fileURL* argument, which is optional, is a URL that represents a location on a local computer. If the URL is relative, it is relative to the extension file. In Dreamweaver 2, this argument is required. If the *fileURL* argument is omitted in Dreamweaver 4, the file is saved to its current location if it has been previously saved; otherwise, a Save dialog box appears.

**Returns**

A Boolean value that indicates success (`true`) or failure (`false`).

**Enabler**

See “[dreamweaver.canSaveDocument\(\)](#)” on page 503.

## **dreamweaver.saveDocumentAs()**

**Availability**

Dreamweaver 3.

**Description**

Opens the Save As dialog box.

**Arguments***documentObject*

- The *documentObject* argument is the object at the root of a document's DOM tree, which is the value that the `dreamweaver.getDocumentDOM()` function returns.

**Returns**

Nothing.

## **dreamweaver.saveDocumentAsTemplate()**

**Availability**

Dreamweaver 3.

**Description**

Opens the Save As Template dialog box.

**Arguments***documentObject, {fileName}*

- The *documentObject* argument is the object at the root of a document's DOM tree, which is the value that `dreamweaver.getDocumentDOM()` returns.
- The *fileName* argument, which is optional, is the name of the file to open, expressed as an absolute URL.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canSaveDocumentAsTemplate\(\)](#)” on page 503.

## **dreamweaver.saveFrameset()**

**Availability**

Dreamweaver 3.

**Description**

Saves the specified frameset or opens the Save As dialog box if the frameset has not previously been saved.

**Arguments**

*documentObject*

- The *documentObject* argument is the object at the root of a document’s DOM tree, which is the value that the `dreamweaver.getDocumentDOM()` function returns.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canSaveFrameset\(\)](#)” on page 503.

## **dreamweaver.saveFramesetAs()**

**Availability**

Dreamweaver 3.

**Description**

Opens the Save As dialog box for the frameset file that includes the specified DOM.

**Arguments**

*documentObject*

- The *documentObject* argument is the object at the root of a document’s DOM tree, which is the value that the `dreamweaver.getDocumentDOM()` function returns.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canSaveFramesetAs\(\)](#)” on page 504.

## Global document functions

Global document functions act on an entire document. They check spelling, check target browsers, set page properties, and determine correct object references for elements in the document.

### **dom.checkSpelling()**

**Availability**

Dreamweaver 3.

**Description**

Checks the spelling in the document, opening the Check Spelling dialog box if necessary, and notifies the user when the check is complete.

**Arguments**

None.

**Returns**

Nothing.

### **dom.checkTargetBrowsers()**

**Availability**

Dreamweaver 3.

**Description**

Runs a target browser check on the document. To run a target browser check on a folder or group of files, see “[site.checkTargetBrowsers\(\)](#)” on page 223.

**Arguments**

None.

**Returns**

Nothing.

### **dom.getParseMode()**

**Availability**

Dreamweaver MX 2004.

**Description**

Gets the current parsing mode of the document, which controls how the document is validated and whether it shows up in the main document window as HTML.

**Arguments**

None.

**Returns**

A string that specifies the current parsing mode: "html", "xml", "css", or "text".

## dom.hideInfoMessagePopup()

**Availability**

Dreamweaver MX 2004.

**Description**

Hides the tooltip-like message, if it is visible, for the document window.

**Arguments**

None.

**Returns**

Nothing.

**See also**

[“dom.showInfoMessagePopup\(\)” on page 266.](#)

## dom.runValidation()

**Availability**

Dreamweaver MX, optional arguments added in Dreamweaver MX 2004.

**Description**

Runs the Validator on a single specified document. The Validator checks the document for conformance with the language specified in the document doctype (such as HTML 4.0 or HTML 3.2) and the language specified by the server model (such as ColdFusion or ASP). If the document has no doctype, then the Validator uses the language setting specified in the Validator section of the Preferences dialog box.

**Arguments**

{controlString}, {bOpenResultsWindow}, {bShowInfoMessage}

- The *controlString* argument is an optional string with four possible values: an empty string, "xml", "auto-explicit", or "auto-implicit".
  - If the argument is an empty string, the Validator performs a default validation. If the argument is "xml", the Validator validates the document as XML.
  - If the argument is "auto-explicit" or "auto-implicit", Dreamweaver performs an automatic validation (also known as an *inline* validation), which underlines errors in the Code view instead of opening the Validation results window (see [“dom.source.getValidationErrorsForOffset\(\)” on page 472](#) and [“dom.getAutoValidationCount\(\)” on page 465](#)).

- If the *controlString* argument is "auto-explicit", Dreamweaver prompts the user to save an unsaved document before running the validation.
- If the *controlString* argument is "auto-implicit", the validation fails without notifying the user that the current document is unsaved.

**Note:** An automatic validation (that the *controlString* value "auto-explicit" or "auto-implicit" defines) is currently available only for a browser compatibility check.

- The *bOpenResultsWindow* argument is an optional Boolean value: `true` opens the Validation results window; `false` otherwise. The default value is `true`.
- The *bShowInfoMessage* argument is used only when the *controlString* argument is defined as "auto-explicit" or "auto-implicit". The *bShowInfoMessage* argument is a Boolean value: `true` shows an informational message under the toolbar item, `DW_ValidatorErrors`, with the number of errors found; `false` displays nothing. The default value is `false`.

### Returns

The Validation results window object.

### Example

The following example runs a regular validation when the user selects the File > Check Page > Validate Markup menu option (or Validate Current Document in the Validation panel):

```
dw.getDocumentDOM().runValidation('');
```

The following example prompts the user to save an unsaved document, runs an automatic validation, does not open the Validation results window, but does show the total number of errors over the document toolbar button for `DW_ValidatorErrors`:

```
dw.getDocumentDOM().runValidation('auto-explicit', false, true);
```

The following example does not prompt the user to save an unsaved document. If the document has not been saved, the validation will not start. If the document has been saved, Dreamweaver runs an automatic validation, does not open the Validation results window, and does not indicate the total number of errors encountered on the document toolbar:

```
dw.getDocumentDOM().runValidation('auto-implicit', false);
```

## dom.showInfoMessagePopup()

### Availability

Dreamweaver MX 2004.

### Description

Shows a tooltip-like message in the document window or under a toolbar item.

**Arguments**

*location, message, timeout*

- The *location* argument is a string that specifies a toolbar item, or is an empty string, or is one of the following keywords: "top", "topright", "right", "bottomright", "bottom", "bottomleft", "left", or "topleft". The tooltip is placed against the specified edge or corner and is centered. An empty string causes it to be centered in the document. To specify a toolbar item, use "toolbar:toolbarID:itemID", where the toolbar ID and toolbar item ID match the IDs in the toolbars.xml file.
- The *message* argument is a string that contains the message.
- The *timeout* argument is a number that specifies the milliseconds for which to display the message. The default is 0. If the value is 0, the message stays indefinitely. Dreamweaver automatically dismisses it if the user clicks it or switches documents, or if the time out expires.

**Returns**

Nothing.

**Example**

The following example displays two tooltip messages. The first line of code displays the message "This message is in the center" in the center of the document. The second call to `showInfoMessagePopup()` displays the tooltip message "Don't forget the title for the Window" for the Title text edit box, which has the ID `DW_SetTitle`, on the toolbar with the ID `DW_Toolbar_Main`.

```
dw.getDocumentDOM.showInfoMessagePopup('', 'This message is in the center', 5000);
dw.getDocumentDOM.showInfoMessagePopup('toolbar:DW_Toolbar_Main:DW_SetTitle', 'Don't
forget the title for the window', 5000);
```

**See also**

["dom.hideInfoMessagePopup\(\)"](#) on page 265.

## dom.showPagePropertiesDialog()

**Availability**

Dreamweaver 3.

**Description**

Opens the Page Properties dialog box.

**Arguments**

None.

**Returns**

Nothing.

## dreamweaver.doURLDecoding()

**Availability**

Dreamweaver MX.

**Description**

Uses the internal Dreamweaver URL decoding mechanism to decode special characters and symbols in URL strings. For example, this function decodes %20 to a space character and the name &quot to ".

**Arguments**

*inStr*

- The *inStr* argument is the string to decode.

**Returns**

A string that contains the decoded URL.

**Example**

The following example calls `dw.doURLDecoding()` to decode the special characters in its argument and store the resulting string in *outstr*:

```
outStr = dreamweaver.doURLDecoding("http://maps.yahoo.com/py/ddResults.py?Pyt= - 
Tmap&tarname=&tardesc=&newname=&newdesc=&newHash=&newTHash=&newSts=&newTSts=&tlt=&tln= - 
&slt=&sln=&newFL=Use+Address+Below&newaddr=2000+Shamrock+Rd&newcsz=Metrooo+Park%2C+CA& - 
newcountry=us&newTFL=Use+Address+Below&newtaddr=500+El+Camino&newtcz=Santa+Clara%2C+CA& - 
newtcountry=us&Submit=Get+Directions")
```

## **dreamweaver.getElementRef()**

**Availability**

Dreamweaver 2.

**Description**

Gets the Netscape Navigator or Internet Explorer object reference for a specific tag object in the DOM tree.

**Arguments**

*NSorIE, tagObject*

- The *NSorIE* argument must be either "NS 4.0" or "IE 4.0". The DOM and rules for nested references differ in Netscape Navigator 4.0 and Internet Explorer 4.0. This argument specifies for which browser to return a valid reference.
- The *tagObject* argument is a tag object in the DOM tree.

**Returns**

A string that represents a valid JavaScript reference to the object, such as `document.layers['myLayer']`. The string is subject to the following conditions:

- Dreamweaver returns correct references for Internet Explorer for A, AREA, APPLET, EMBED, DIV, SPAN, INPUT, SELECT, OPTION, TEXTAREA, OBJECT, and IMG tags.
- Dreamweaver returns correct references for Netscape Navigator for A, AREA, APPLET, EMBED, LAYER, ILAYER, SELECT, OPTION, TEXTAREA, OBJECT, and IMG tags, and for absolutely positioned DIV and SPAN tags. For DIV and SPAN tags that are not absolutely positioned, Dreamweaver returns "cannot reference <tag>".

- Dreamweaver does not return references for unnamed objects. If an object does not contain either a `NAME` or an `ID` attribute, Dreamweaver returns "unnamed <tag>". If the browser does not support a reference by name, Dreamweaver references the object by index (for example, `document.myform.applets[3]`).
- Dreamweaver returns references for named objects that are contained in unnamed forms and layers (for example, `document.forms[2].myCheckbox`).

## **dreamweaver.getPreferenceInt()**

### **Availability**

Dreamweaver MX.

### **Description**

Lets you retrieve an integer preference setting for an extension.

### **Arguments**

*section, key, default\_value*

- The `section` argument is a string that specifies the preferences section that contains the entry.
- The `key` argument is a string that specifies the entry of the value to retrieve.
- The `default_value` argument is the default value that Dreamweaver returns if it cannot find the entry. This value must be an unsigned integer in the range 0 through 65,535 or a signed integer in the range -32,768 through 32,767.

### **Returns**

Integer value of the specified entry in the specified section or the default value if the function does not find the entry. Returns 0 if the value of the specified entry is not an integer.

### **Example**

The following example returns the integer value of the Snap Distance setting in the My Extension section of Preferences. If there is no MyExtension section or no Snap Distance entry, the function returns the specified default value of 0.

```
var snapDist; //default value if entry not found
snapDist = dreamweaver.getPreferenceInt("My Extension", "Snap Distance", 0);
```

## **dreamweaver.getPreferenceString()**

### **Availability**

Dreamweaver MX.

**Note:** To access the preferences for sites, you must have version 7.0.1. Check `dw.appVersion` for the correct version before accessing site information.

### **Description**

Lets you retrieve a string preference setting that you stored for an extension.

**Arguments***section, key, default\_value*

- The *section* argument is a string that specifies the preferences section that contains the entry.
- The *key* argument is a string that specifies the value to retrieve.
- The *default\_value* argument is the default string value that Dreamweaver returns if it cannot find the entry.

**Returns**

The requested preference string, or if the string cannot be found, the default value.

**Example**

The following example returns the String value of the Text Editor setting in the My Extension section of Preferences. If there is no MyExtension section or no Text Editor entry, the function returns the default value specified by the variable txtEditor.

```
var txtEditor = getExternalTextEditor(); //set default text Editor value
txtEditor = dreamweaver.getPreferenceString("My Extension", "Text Editor", txtEditor);
```

## **dreamweaver.setPreferenceInt()**

**Availability**

Dreamweaver MX.

**Description**

Lets you set an integer preference setting for an extension. This setting is stored with Dreamweaver preferences when Dreamweaver is not running.

**Arguments***section, key, new\_value*

- The *section* argument is a string that specifies the preferences category in which the option is set. If the category does not exist, Dreamweaver creates it.
- The *key* argument is a string that specifies the category option that the function sets. If the option does not exist, Dreamweaver creates it.
- The *new\_value* argument is an integer that specifies the value of the category option.

**Returns**

A true value if successful; false otherwise.

**Example**

The following example sets the Snap Distance entry to the value of the variable snapDist in the My Extension category of Preferences:

```
var snapDist = getSnapDistance();
if(snapDist > 0)
{
    dreamweaver.setPreferenceInt("My Extension", "Snap Distance", snapDist);
}
```

## **dreamweaver.setPreferenceString()**

### **Availability**

Dreamweaver MX.

**Note:** To access the preferences for sites, you must have version 7.0.1. Check `dw.appVersion` for the correct version before accessing site information.

### **Description**

Lets you write a string preference setting for an extension. This setting is stored with Dreamweaver preferences when Dreamweaver is not running.

### **Arguments**

*section, key, new\_value*

- The *section* argument is a string that specifies the Preferences category in which the option is set. If the category does not exist, Dreamweaver creates it.
- The *key* argument is a string that specifies the category option that the functions sets. If the category option does not exist, Dreamweaver creates it.
- The *new\_value* argument is a string that specifies the value of the category option.

### **Returns**

A `true` value if successful; `false` otherwise.

### **Example**

```
var txtEditor = getExternalTextEditor();
dreamweaver.setPreferenceString("My Extension", "Text Editor", txtEditor);
```

## **dreamweaver.showTargetBrowsersDialog()**

### **Availability**

Dreamweaver MX 2004.

### **Description**

Opens the Target Browsers dialog box. The Target Browsers dialog box lets a user specify which browser versions the Browser Target Check feature should use for checking the current page's browser compatibility issues.

### **Arguments**

None.

### **Returns**

Nothing.

## Path functions

Path functions get and manipulate the paths to various files and folders on a user's hard disk. These functions determine the path to the root of the site in which the current document resides, convert relative paths to absolute URLs, and more.

### **dreamweaver.absoluteURLToDocRelative()**

#### **Availability**

Dreamweaver 2.

#### **Description**

Given an absolute URL and the path to a document, this function converts the absolute URL to a document-relative path.

#### **Arguments**

*docPathURL*, *siteRootURL*, *absoluteURL*

- The *docPathURL* argument is the path to a document on the computer of the user (for example, the current document), expressed as a file://URL.
- The *siteRootURL* argument is the path to the site root, expressed as a file://URL.
- The *absoluteURL* argument is the file://URL to convert to a document-relative path.

#### **Returns**

A string representing the path to the document at *absoluteURL*, expressed relative to the document at *docPathURL*.

#### **Example**

In the following example, if the values of *docPathURL* and *siteRootURL* are file:///C:/sites/cherrystreet/archives/october.shtml and file:///C:/sites/cherrystreet/ respectively, then the return value is ".../includes/header.html". Use this value to reference /includes/header.html from /archives/october.shtml.

```
var docPathURL = dw.getDocumentDOM().URL;
var siteRootURL = dw.getSiteRoot();
var absoluteURL= dw.relativeToAbsoluteURL(docPathURL, siteRootURL, "/includes/header.html");
var docRelPath = dw.absoluteURLToDocRelative(docPathURL, siteRootURL, absoluteURL);
```

### **dreamweaver.getConfigurationPath()**

#### **Availability**

Dreamweaver 2.

#### **Description**

Gets the path to the Dreamweaver Configuration folder, which is expressed as a file:// URL.

For information on how Dreamweaver accesses Configuration folders on a multiuser platform, see "C-Level Extensibility" in Extending Dreamweaver Help.

**Arguments**

None.

**Returns**

The path to the application configurations.

**Example**

The following function is useful when referencing other extension files, which are stored in the Configuration folder in the Dreamweaver application folder:

```
var sortCmd = dreamweaver.getConfigurationPath() + ~  
"/Commands/Sort Table.htm"  
var sortDOM = dreamweaver.getDocumentDOM(sortCmd);
```

## **dreamweaver.getDocumentPath()**

**Availability**

Dreamweaver 1.2.

**Description**

Gets the path of the specified document, which is expressed as a file:// URL. This function is equivalent to calling `dreamweaver.getDocumentDOM()` and reading the `URL` property of the return value.

**Arguments**

`sourceDoc`

- The value of the `sourceDoc` argument must be `"document"`, `"parent"`, `"parent.frames [number]"`, or `"parent.frames ['frameName']"`. The `"document"` value specifies the document that has the focus and contains the current selection. The `"parent"` value specifies the parent frameset (if the currently selected document is in a frame), and the `"parent.frames [number]"` and `"parent.frames ['frameName']"` values specify a document that is in a particular frame within the frameset that contains the current document.

**Returns**

Either a string that contains the URL of the specified document if the file was saved or an empty string if the file was not saved.

## **dreamweaver.getSiteRoot()**

**Availability**

Dreamweaver 1.2.

**Description**

Gets the local root folder (as specified in the Site Definition dialog box) for the site that is associated with the currently selected document, which is expressed as a file:// URL.

**Arguments**

None.

**Returns**

Either a string that contains the URL of the local root folder of the site where the file is saved or an empty string if the file is not associated with a site.

## **dreamweaver.getTempFolderPath()**

**Availability**

Dreamweaver MX.

**Description**

Gets the full path to a temporary folder where you can store temporary or transient files. This function looks for a Temp folder inside the Dreamweaver Configuration folder. If the system supports multiple users, it looks in the user's Configuration folder. If a Temp folder does not exist, the function creates it. Shared files that are not transient should be stored in the Configuration/Shared folder.

**Arguments**

None.

**Returns**

The full path to the folder, which is expressed as a file:// URL.

**Example**

The following line of code returns the full path for the specified file. The `dw.getTempFolderPath()` function does not return a slash (/) at the end of the path, as do other Dreamweaver functions (such as `dreamweaver.getSiteRoot()`):

```
var myTempfile = dw.getTempFolderPath() + "/myTempFile.txt";
```

## **dreamweaver.relativeToAbsoluteURL()**

**Availability**

Dreamweaver 2.

**Description**

Given a relative URL and a point of reference (either the path to the current document or the site root), this function converts the relative URL to an absolute file:// URL.

**Arguments**

*docPath*, *siteRoot*, *relURL*

- The *docPath* argument is the path to a document on the user's computer (for example, the current document), which is expressed as a file:// URL or an empty string if *relURL* is a root-relative URL.
- The *siteRoot* argument is the path to the site root, which is expressed as a file:// URL or an empty string if *relURL* is a document-relative URL.
- The *relURL* argument is the URL to convert.

**Returns**

An absolute URL string. The return value is generated, as described in the following list:

- If *relURL* is an absolute URL, no conversion occurs, and the return value is the same as *relURL*.
- If *relURL* is a document-relative URL, the return value is the combination of *docPath* and *relURL*.
- If *relURL* is a root-relative URL, the return value is the combination of *siteRoot* and *relURL*.

## DWUri.isValidURI()

**Availability**

Dreamweaver CS5.

**Description**

Determines if the URI object is valid or not. The URI object is not valid until it is constructed or initialized with the valid URI.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the URI is valid.

## DWUri.isAbsolute()

**Availability**

Dreamweaver CS5.

**Description**

Determines if the URI object is a fully qualified URI. The URI object is not valid until it is constructed or initialized with the valid URI.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the URI is fully qualified.

## DWUri.isRelative()

**Availability**

Dreamweaver CS5.

**Description**

Determines if the URI object is a relative URI. The URI object is not valid until it is constructed or initialized with the valid URI.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the URI is relative.

## DWUri.isDirectory()

**Availability**

Dreamweaver CS5.

**Description**

Determines if the URI object is a directory. The URI object is not valid until it is constructed or initialized with the valid URI.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the URI is a directory.

## DWUri.isHierarchical()

**Availability**

Dreamweaver CS5.

**Description**

Determines if the URI object is hierarchical. The URI object is not valid until it is constructed or initialized with the valid URI.

Hierarchical URI objects point to a resource that has a hierarchical structure and whose hierarchy can be traversed such as “`http://somedomain/parts/orders/index.html`”. Non-hierarchical URI objects cannot be traversed such as “`mailto:joe@yahoo.com`” or “`about:blank`”.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the URI is hierarchical.

## DWUri.isOfType()

**Availability**

Dreamweaver CS5.

**Description**

Determines if the URI object has the specified service type scheme. The URI object is not valid until it is constructed or initialized with the valid URI.

Examples of service type schemes are “http”, “file”, and “ftp”. For the URI “`http://www.adobe.com`”, “http” is the service type scheme.

**Arguments**

*type*

The *type* argument specifies the service type scheme to test.

**Returns**

A Boolean value: `true` if the URI is of the specified service type scheme.

## **DWUri.isOfType()**

**Availability**

Dreamweaver CS5.

**Description**

Determines if the URI object points to a resource of the specified file type. The URI object is not valid until it is constructed or initialized with the valid URI.

For the URI “`http://www.adobe.com/index.html`”, “html” is the file type.

**Arguments**

*type*

The *type* argument specifies the service type scheme to test.

**Returns**

A Boolean value: `true` if the URI points to a resource of the specified file type.

## **DWUri.getScheme()**

**Availability**

Dreamweaver CS5.

**Description**

Retrieves the service type scheme. The URI object is not valid until it is constructed or initialized with the valid URI.

For the URI “`http://www.adobe.com/index.html`”, “http” is the service type scheme.

**Arguments**

None.

**Returns**

A String containing the URI object’s service type scheme.

## DWUri.getAuthority()

### Availability

Dreamweaver CS5.

### Description

Retrieves the domain authority. The URI object is not valid until it is constructed or initialized with the valid URI.

For the URI “`http://www.adobe.com/index.html`”, “`www.adobe.com`” is the authority.

### Arguments

None.

### Returns

A String containing the URI object’s domain authority.

## DWUri.getUsername()

### Availability

Dreamweaver CS5.

### Description

Retrieves the user name. The URI object is not valid until it is constructed or initialized with the valid URI.

For the URI “`ftp://jon@adobe.com`”, “`jon`” is the user name.

### Arguments

None.

### Returns

A String containing the URI object’s user name.

## DWUri.getPassword()

### Availability

Dreamweaver CS5.

### Description

Retrieves the password. The URI object is not valid until it is constructed or initialized with the valid URI.

For the URI “`ftp://jon:xxx@adobe.com`”, “`xxx`” is the password.

### Arguments

None.

### Returns

A String containing the URI object’s password.

## DWUri.getServerPort()

### Availability

Dreamweaver CS5.

### Description

Retrieves the server port. The URI object is not valid until it is constructed or initialized with the valid URI.

For the URI “`http://www.adobe.com:8080`”, “`8080`” is the port.

### Arguments

None.

### Returns

A String containing the URI object’s server port.

## DWUri.getPath()

### Availability

Dreamweaver CS5.

### Description

Retrieves the path part or the file name. The URI object is not valid until it is constructed or initialized with the valid URI.

For the URI “`http://www.adobe.com/Dreamweaver/CS5/index.htm`”, “`/Dreamweaver/CS5/`” is the path part.

### Arguments

None.

### Returns

A String containing the URI object’s path part.

## DWUri.getQuery()

### Availability

Dreamweaver CS5.

### Description

Retrieves the query string. The URI object is not valid until it is constructed or initialized with the valid URI.

For the URI “`http://www.adobe.com/Dreamweaver/CS5/index.htm?q=1502`”, “`q=1502`” is the query string.

### Arguments

None.

### Returns

A String containing the URI object’s query string.

## DWUri.getFragment

### Availability

Dreamweaver CS5.

### Description

Retrieves the URI anchor fragment. The URI object is not valid until it is constructed or initialized with the valid URI.

For the URI “`http://www.adobe.com/Dreamweaver/CS5/index.htm#toc`”, “`toc`” is the anchor fragment.

### Arguments

None.

### Returns

A String containing the URI object’s anchor fragment string.

## DWUri.getNonHierarchical()

### Availability

Dreamweaver CS5.

### Description

Retrieves the non-hierarchical URI string. The URI object is not valid until it is constructed or initialized with the valid URI.

For the URI “`mailto:jon@adobe.com`”, “`don@adobe.com`” is the non-hierarchical part.

### Arguments

None.

### Returns

A String containing the URI object’s non-hierarchical string.

## DWUri.setScheme()

### Availability

Dreamweaver CS5.

### Description

Sets the service type scheme for the URI.

The service type scheme can be any string value but cannot contain special characters such as “`:`”, “`/`”, or “`\`”.

### Arguments

*scheme*

The *scheme* argument specifies the service type scheme.

**Returns**

None.

## DWUri.setAuthority()

**Availability**

Dreamweaver CS5.

**Description**

Sets the domain authority for the URI.

The domain authority can be any string value but cannot contain special characters such as “:”, “/”, or ”\”.

**Arguments**

*authority*

The *authority* argument specifies the domain authority name or the IP address.

**Returns**

None.

## DWUri.setUsername()

**Availability**

Dreamweaver CS5.

**Description**

Sets the user name of the URI.

Typically, user names are used only for the FTP service type schemes.

**Arguments**

*username*

The argument specifies the user name.

**Returns**

None.

## DWUri.setPassword()

**Availability**

Dreamweaver CS5.

**Description**

Sets the password of the URI.

Typically, passwords are used only for the FTP service type schemes.

**Arguments**

*password*

The argument specifies the password.

**Returns**

None.

## DWUri.setPath()

**Availability**

Dreamweaver CS5.

**Description**

Sets the path part of the URI filename.

You can set the path to an empty string or “/” to change the path to the root.

**Arguments**

*path*

The argument specifies the path part of the filename.

**Returns**

None.

## DWUri.setServerPort()

**Availability**

Dreamweaver CS5.

**Description**

Sets the port of the URI object.

Each service type scheme has a default port specified by the IETF standards. Use this function to add a non-standard port to the URI. The port must be a numeric value between 1 and 65535.

**Arguments**

*port*

The argument specifies the server port.

**Returns**

None.

## DWUri.setQuery()

**Availability**

Dreamweaver CS5.

**Description**

Sets the query string of the URI object.

Use the “[DWUri.setQueryValue\(\)](#)” on page 284 function to change the value of just one parameter.

**Arguments**

*query*

The argument specifies the query string.

**Returns**

None.

## DWUri.setFragment()

**Availability**

Dreamweaver CS5.

**Description**

Sets the anchor fragment string of the URI object.

**Arguments**

*anchor*

The argument specifies the anchor name.

**Returns**

None.

## DWUri.setNonHierarchical()

**Availability**

Dreamweaver CS5.

**Description**

Sets the non-hierarchical string of the URI object. Invoking this function will clear the hierarchical attributes of the URI.

**Arguments**

*nonHierarchical*

The argument specifies the non-hierarchical string.

**Returns**

None.

## DWUri.getQueryValue()

**Availability**

Dreamweaver CS5.

**Description**

Retrieves the value associated with the URI name passed as an argument.

For the URI “`http://www.adobe.com/Dreamweaver/CS5/index.htm?q=1502`”, `getQuery("q")` will return “1502”. Requesting a value for name that does not exist will return an empty string.

**Arguments**

*name*

The argument specifies the name in the query.

**Returns**

A string value representing the value of the name in the query.

## DWUri.setQueryValue()

**Availability**

Dreamweaver CS5.

**Description**

Sets the name and value associated with the query string of the URI. Setting an empty string as value will remove the name from the query string.

**Arguments**

*name*

The argument specifies the name in the query.

*value*

The argument specifies the value of the name in the query.

**Returns**

None.

## DWUri.getQueryByObject()

**Availability**

Dreamweaver CS5.

**Description**

Retrieves the query property object of the URI object.

Changes to the property map are not reflected in the URI object until you invoke the “[DWUri.setQueryByObject\(\)](#)” on page 285 function.

**Arguments**

None.

**Returns**

*Object*

The property map of the URI.

## DWUri.setQueryByObject()

**Availability**

Dreamweaver CS5.

**Description**

Replaces the entire property map of the URI object with the specified map.

For example,

```
function main{
    var referrer = new Object;
    referrer.page = "index.html";
    referrer.user = "jon";
    DWUri uri = new DWUri;
    uri.setQueryByObject (referrer );
}
```

**Arguments**

*objectMap*

The property map of the URI.

**Returns**

None.

## DWUri.getRelation()

**Availability**

Dreamweaver CS5.

**Description**

Determines the relationship between 2 URIs.

**Arguments**

*other*

The URI to compare against. Specify a valid string or a `DWUri` object.

#### Returns

*Integer* that specifies the manifest value constant. The possible constants are:

- `DWUri.NOT_REALTED`
- `DWUri.CHILD`
- `DWUri.EQUAL`
- `DWUri.PARENT`

## **DWUri.getCommonParent()**

#### Availability

Dreamweaver CS5.

#### Description

Determines the common parent between the 2 URIs.

If there is not a common parent, this function will return an empty `DWUri` object that should be validated by invoking the “[“DWUri.isValidURI\(\)”](#) on page 275 function.

#### Arguments

*other*

The URI to compare against. Specify a valid string or a `DWUri` object.

#### Returns

*Object*

A `DWUri` object that represents the common parent.

## **DWUri.makeAbsolute()**

#### Availability

Dreamweaver CS5.

#### Description

Constructs a fully qualified URI by taking the URI passed as an argument.

#### Arguments

*other*

Specify a valid string or a `DWUri` object.

#### Returns

A Boolean: `true` if the operation succeeds.

## DWUri.makeRelative()

### Availability

Dreamweaver CS5.

### Description

Constructs a relative URI by finding the common parent from the URI passed as an argument.

### Arguments

*other*

Specify a valid string or a `DWUri` object.

### Returns

A Boolean: `true` if the operation succeeds.

## DWUri.chDir()

### Availability

Dreamweaver CS5.

### Description

Changes to the specified directory. The string “..” is used to change to the parent directory.

### Arguments

*dir*

Specify a valid string as a directory.

### Returns

A Boolean: `true` if the operation succeeds.

## DWUri.getFileName()

### Availability

Dreamweaver CS5.

### Description

Retrieves the filename from the URI object.

### Arguments

*stripExtension*

A Boolean: `true` to remove the extension from the result. Specify `false` to return with extension. The default behavior is to return with the extension. This argument is optional.

**Returns**

A string that specifies the filename.

## DWUri.getExtension()

**Availability**

Dreamweaver CS5.

**Description**

Retrieves the extension from the URI object.

**Arguments**

*stripDot*

A Boolean: true to remove the leading dot from the result. Specify false to return the leading dot. The default behavior is to return with the leading dot. This argument is optional.

**Returns**

A string that specifies the extension.

## DWUri.getLastPathComponent()

**Availability**

Dreamweaver CS5.

**Description**

Retrieves the last part of the path component of the filename.

**Arguments**

None.

**Returns**

A string that specifies the last path part.

For the URI “<http://www.adobe.com/Dreamweaver/CS5/index.htm>”, getLastPathComponent() will return “CS5”.

## DWUri.removeLastPathComponent()

**Availability**

Dreamweaver CS5.

**Description**

Removes the last part of the path component of the filename.

For the URI “<http://www.adobe.com/Dreamweaver/CS5/index.htm>”, removeLastPathComponent() will return “CS5” and will remove that string from the URI.

**Arguments**

None.

**Returns**

A string that specifies the last path part.

## DWUri.isUnderDirectory()

**Availability**

Dreamweaver CS5.

**Description**

Determines if the URI is under a specified parent URI.

Note that the directory name comparisons are always case sensitive.

**Arguments**

A string that represents the parent URI.

**Returns**

A Boolean: `true` if the URI is under the specified parent URI.

## DWUri.toLocalPath()

**Availability**

Dreamweaver CS5.

**Description**

Converts a URI with a service type scheme of “file” to a file system compatible string.

The return value is a platform specific string. Every platform represents the filename differently.

**Arguments**

None.

**Returns**

A string that represents a file system path that can be used to open files using the system level APIs. This string can be passed as an argument to other `DWFfile` functions.

## DWUri.localPathToURI()

**Availability**

Dreamweaver CS5.

**Description**

Converts a local file path to a URI object.

**Arguments**

A string specifying the local filename that needs to be encoded as a URI.

**Returns**

Nothing.

## Selection functions

Selection functions get and set the selection in open documents. For information on getting or setting the selection in the Site panel, see “[Site functions](#)” on page 216.

### **dom.getSelectedNode()**

**Availability**

Dreamweaver 3.

**Description**

Gets the selected node. Using this function is equivalent to calling the `dom.getSelection()` function and passing the return value to the `dom.offsetsToNode()` function.

**Arguments**

None.

**Returns**

The tag, text, or comment object that completely contains the specified range of characters.

### **dom.getSelection()**

**Availability**

Dreamweaver 3.

**Description**

Gets the selection, which is expressed as character offsets into the document’s source code.

**Arguments**

`{bAllowMultiple}`

- The `bAllowMultiple` argument, which is optional, is a Boolean value that indicates whether the function should return multiple offsets if more than one table cell, image map hotspot, or layer is selected.

If this argument is omitted, it defaults to `false`.

**Returns**

For simple selections, an array that contains two integers. The first integer is the character offset of the opening of the selection. The second integer is the character offset at the closing of the selection. If the two numbers are the same, the current selection is an insertion point.

For complex selections (multiple table cells, multiple layers, or multiple image map hotspots), an array that contains  $2n$  integers, where  $n$  is the number of selected items. The first integer in each pair is the character offset of the opening of the selection (including the opening TD, DIV, SPAN, LAYER, ILAYER, or MAP tag); the second integer in each pair is the character offset of the closing of the selection (including the closing TD, DIV, SPAN, LAYER, ILAYER, or MAP tag). If multiple table rows are selected, the offsets of each cell in each row return. The selection never includes the TR tags.

## dom.getSelectorsDefinedInStylesheet()

### Availability

Dreamweaver 8.

### Description

Gets an array of selectors that match the type passed in as an attribute.

### Arguments

*selector*

- The *selector* argument is a string of value class or ID. It specifies whether the function returns selectors of the type class or ID.

### Returns

An array of selectors that can be either of the type class or ID.

### Example

The following code is used to get an array of selectors of the type class:

```
var dom=dw.getDocumentDOM();
var classSelectors = dom.getSelectorsDefinedInStylesheet('class');
```

The following code is used to get an array of selectors of the type ID:

```
var dom=dw.getDocumentDOM();
var classSelectors = dom.getSelectorsDefinedInStylesheet('ID');
```

## dom.nodeToOffsets()

### Availability

Dreamweaver 3.

### Description

Gets the position of a specific node in the DOM tree, which is expressed as character offsets into the document's source code. It is valid for any document on a local drive.

### Arguments

*node*

- The *node* argument must be a tag, comment, or range of text that is a node in the tree that the `dreamweaver.getDocumentDOM()` function returns.

**Returns**

An array that contains two integers. The first integer is the character offset of the beginning of the tag, text, or comment. The second integer is the character offset of the end of the node, from the beginning of the HTML document.

**Example**

The following code selects the first image object in the current document:

```
var theDOM = dw.getDocumentDOM();
var theImg = theDOM.images[0];
var offsets = theDom.nodeToOffsets(theImg);
theDom.setSelection(offsets[0], offsets[1]);
```

## dom.offsetsToNode()

**Availability**

Dreamweaver 3.

**Description**

Gets the object in the DOM tree that completely contains the range of characters between the specified opening and closing points. It is valid for any document on a local drive.

**Arguments**

*offsetBegin, offsetEnd*

- The *offsetBegin* argument specifies the offset from the beginning of the document to the beginning of a range of characters that is an object in the DOM tree.
- The *offsetEnd* argument specifies the offset from the beginning of the document to the end of a range of characters that is an object in the DOM tree.

**Returns**

The tag, text, or comment object that completely contains the specified range of characters.

**Example**

The following code displays an alert if the selection is an image:

```
var offsets = dom.getSelection();
var theSelection = dreamweaver.offsetsToNode(offsets[0], -
offsets[1]);
if (theSelection.nodeType == Node.ELEMENT_NODE && -
theSelection.tagName == 'IMG') {
    alert('The current selection is an image.');
}
```

## dom.selectAll()

**Availability**

Dreamweaver 3.

**Description**

Performs a Select All operation.

**Note:** In most cases, this function selects all the content in the active document. In some cases (for example, when the insertion point is inside a table), it selects only part of the active document. To set the selection to the entire document, use `dom.setSelection()`.

**Arguments**

None.

**Returns**

Nothing.

## **dom.setSelectedNode()**

**Availability**

Dreamweaver 3.

**Description**

Sets the selected node. This function is equivalent to calling the `dom.nodeToOffsets()` function and passing the return value to the `dom.setSelection()` function.

**Arguments**

`node, {bSelectInside}, {bJumpToNode}`

- The `node` argument is a text, comment, or element node in the document.
- The `bSelectInside` argument, which is optional, is a Boolean value that indicates whether to select the `innerHTML` of the node. This argument is relevant only if `node` is an element node, and it defaults to `false` if it is omitted.
- The `bJumpToNode` argument, which is optional, is a Boolean value that indicates whether to scroll the Document window, if necessary, to make the selection visible. If it is omitted, this argument defaults to `false`.

**Returns**

Nothing.

## **dom.setSelection()**

**Availability**

Dreamweaver 3.

**Description**

Sets the selection in the document.

**Arguments***offsetBegin, offsetEnd*

- These arguments are the opening and closing points, respectively, for the new selection, which is expressed as character offsets into the document's source code. If the two numbers are the same, the new selection is an insertion point. If the new selection is not a valid HTML selection, it is expanded to include the characters in the first valid HTML selection. For example, if *offsetBegin* and *offsetEnd* define the range `SRC="myImage.gif"` within `<IMG SRC="myImage.gif">`, the selection expands to include the entire `IMG` tag.

**Returns**

Nothing.

## **dreamweaver.nodeExists()**

**Available**

Dreamweaver 3.

**Description**

Determines whether the reference to the specified node is still good. Often when writing extensions, you reference a node and then perform an operation that deletes it (such as setting the `innerHTML` or `outerHTML` properties of its parent). This function lets you confirm that the node hasn't been deleted before you attempt to reference any of its properties or methods. The referenced node does not need to be in the current document.

**Arguments***node*

- The *node* argument is the node that you want to check.

**Returns**A Boolean value: `true` if the node exists; `false` otherwise.**Example**

The following example gets the current node, locates a table within it, and later calls `dw.nodeExists()` to see if the original node still exists:

```
function applyFormatToSelectedTable(){

    // get current selection
    var selObj = dw.getDocumentDOM().getSelectedNode();
    alternateRows(dwscripts.findDOMObject("presetNames").selectedIndex,
        findTable());

    // restore original selection, if it still exists; if not, just select the
    // table.
    var selArr;
    if (dw.nodeExists(selObj))
        selArr = dom.nodeToOffsets(selObj);
    else
        selArr = dom.nodeToOffsets(findTable());

    dom.setSelection(selArr[0],selArr[1]);
}
```

## **dreamweaver.selectAll()**

### **Availability**

Dreamweaver 3.

### **Description**

Performs a Select All operation in the active document window, the Site panel or, on the Macintosh, the text field that has focus in a dialog box or floating panel.

**Note:** If the operation takes place in the active document, it usually selects all the content in the active document. In some cases (for example, when the insertion point is inside a table), however, it selects only part of the active document. To set the selection to the entire document, use the `dom.setSelection()` function.

### **Arguments**

None.

### **Returns**

Nothing.

### **Enabler**

See “[dreamweaver.canSelectAll\(\)](#)” on page 504.

# **String manipulation functions**

String manipulation functions help you get information about a string as well as convert a string from Latin 1 encoding to platform-native encoding and back.

## **dreamweaver.doURLEncoding()**

### **Availability**

Dreamweaver 1.

### **Description**

Takes a string and returns a URL-encoded string by replacing all the spaces and special characters with specified entities.

### **Arguments**

*stringToConvert*

- The *stringToConvert* argument is a string that contains the unencoded URL that the function encodes.

### **Returns**

A URL-encoded string.

### **Example**

The following example shows the `URL.value` for "My URL-encoded string":

```
var URL = dw.doURLEncoding(theURL.value);
returns "My%20URL-encoded%20string"
```

## **dreamweaver.getTokens()**

### **Availability**

Dreamweaver 1.

### **Description**

Accepts a string and splits it into tokens.

### **Arguments**

*searchString, separatorCharacters*

- The *searchString* argument is the string to separate into tokens.
- The *separatorCharacters* argument is the character or characters that signifies the end of a token. Separator characters in quoted strings are ignored. Any white-space characters that occur in *separatorCharacters* (such as tabs) are treated as separator characters, as if they are explicitly specified. Two or more consecutive white space characters are treated as a single separator.

### **Returns**

An array of token strings.

### **Example**

The following call to the `dw.getTokens()` function returns the tokens that come after it:

```
dreamweaver.getTokens('foo("my arg1", 34)', '(),')
```

- foo

- "my arg 1"
- 34

## **dreamweaver.latin1ToNative()**

### **Availability**

Dreamweaver 2.

### **Description**

Converts a string in Latin 1 encoding to the native encoding on the user's computer. This function is intended to display the UI of an extension file in another language.

*Note: This function has no effect in Windows because Windows encodings are already based on Latin 1.*

### **Arguments**

*stringToConvert*

- The *stringToConvert* argument is the string to convert from Latin 1 encoding to native encoding.

### **Returns**

The converted string.

## **dreamweaver.nativeToLatin1()**

### **Availability**

Dreamweaver 2.

### **Description**

Converts a string in native encoding to Latin 1 encoding.

*Note: This function has no effect in Windows because Windows encodings are already based on Latin 1.*

### **Arguments**

*stringToConvert*

- The *stringToConvert* argument is the string to convert from native encoding to Latin 1 encoding.

### **Returns**

The converted string.

## **dreamweaver.scanSourceString()**

### **Availability**

Dreamweaver UltraDev 1.

## Description

Scans a string of HTML and finds the tags, attributes, directives, and text. For each tag, attribute, directive, and text span that it finds, the `scanSourceString()` function starts a callback function that you must supply. Dreamweaver supports the following callback functions:

- `openTagBegin()`
- `openTagEnd()`
- `closeTagBegin()`
- `closeTagEnd()`
- `directive()`
- `attribute()`
- `text()`

Dreamweaver calls the seven callback functions on the following occasions:

- Dreamweaver calls `openTagBegin()` for each opening tag (for example, `<font>`, as opposed to `</font>`) and each empty tag (for example, `<img>` or `<hr>`). The `openTagBegin()` function accepts two arguments: the name of the tag (for example, "font" or "img") and the document offset, which is the number of bytes in the document before the beginning of the tag. The function returns `true` if scanning should continue or `false` if it should stop.
- After `openTagBegin()` executes, Dreamweaver calls `attribute()` for each HTML attribute. The `attribute()` function accepts two arguments, a string that contains the attribute name (for example, "color" or "src") and a string that contains the attribute value (for example, "#000000" or "foo.gif"). The `attribute()` function returns a Boolean value that indicates whether scanning should continue.
- After all the attributes in the tag have been scanned, Dreamweaver calls `openTagEnd()`. The `openTagEnd()` function accepts one argument, the document offset, which is the number of bytes in the document before the end of the opening tag. It returns a Boolean value that indicates whether scanning should continue.
- Dreamweaver calls `closeTagBegin()` for each closing tag (for example, `</font>`). The function accepts two arguments, the name of the tag to close (for example, "font") and the document offset, which is the number of bytes in the document before the beginning of the closing tag. The function returns a Boolean value that indicates whether scanning should continue.
- After `closeTagBegin()` returns, Dreamweaver calls the `closeTagEnd()` function. The `closeTagEnd()` function accepts one argument, the document offset, which is the number of bytes in the document before the end of the closing tag. It returns a Boolean value that indicates whether scanning should continue.
- Dreamweaver calls the `directive()` function for each HTML comment, ASP script, JSP script, or PHP script. The `directive()` function accepts two arguments, a string that contains the directive and the document offset, which is the number of bytes in the document before the end of the closing tag. The function returns a Boolean value that indicates whether scanning should continue.
- Dreamweaver calls the `text()` function for each span of text in the document (that is, everything that is not a tag or a directive). Text spans include text that is not visible to the user, such as the text inside a `<title>` or `<option>` tag. The `text()` function accepts two arguments, a string that contains the text and the document offset, which is the number of bytes in the document before the closing of the closing tag. The `text()` function returns a Boolean value that indicates whether scanning should continue.

## Arguments

*HTMLstr, parserCallbackObj*

- The `HTMLstr` argument is a string that contains code.

- The *parserCallbackObj* argument is a JavaScript object that has one or more of the following methods: `openTagBegin()`, `openTagEnd()`, `closeTagBegin()`, `closeTagEnd()`, `directive()`, `attribute()`, and `text()`. For best performance, *parserCallbackObj* should be a shared library that is defined using the C-Level Extensibility interface. Performance is also improved if *parserCallbackObj* defines only the callback functions that it needs.

### Returns

A Boolean value: `true` if the operation completed successfully; `false` otherwise.

### Example

The following sequence of steps provide an example of how to use the `dreamweaver.scanSourceString()` function:

- 1 Create an implementation for one or more of the seven callback functions.
- 2 Write a script that calls the `dreamweaver.scanSourceString()` function.
- 3 The `dreamweaver.scanSourceString()` function passes a string that contains HTML and pointers to the callback functions that you wrote. For example, the string of HTML is "`<font size=2>hello</font>`".
- 4 Dreamweaver analyzes the string and determines that the string contains a font tag. Dreamweaver calls the callback functions in the following sequence:
  - The `openTagBegin()` function
  - The `attribute()` function (for the `size` attribute)
  - The `openTagEnd()` function
  - The `text()` function (for the "hello" string)
  - The `closeTagBegin()` and `closeTagEnd()` functions

## Translation functions

Translation functions deal either directly with translators or with translation results. These functions get information about or run a translator, edit content in a locked region, and specify that the translated source should be used when getting and setting selection offsets.

### **dom.runTranslator()**

#### Availability

Dreamweaver 3.

#### Description

This function runs the specified translator on the document. This function is valid only for the active document.

#### Arguments

*translatorName*

- The *translatorName* argument is the name of a translator as it appears in the Translation preferences.

**Returns**

Nothing.

## **dreamweaver.editLockedRegions()**

**Availability**

Dreamweaver 2.

**Description**

Depending on the value of the argument, this function makes locked regions editable or non-editable. By default, locked regions are non-editable; if you try to edit a locked region before specifically making it editable with this function, Dreamweaver beeps and does not allow the change.

*Note:* Editing locked regions can have unintended consequences for library items and templates. You should not use this function outside the context of data translators.

**Arguments**

*bAllowEdits*

- The *bAllowEdits* argument is a Boolean value: `true` indicates that edits are allowed; `false` otherwise. Dreamweaver automatically restores locked regions to their default (non-editable) state when the script that calls this function finishes executing.

**Returns**

Nothing.

## **dreamweaver.getTranslatorList()**

**Availability**

Dreamweaver 3.

**Description**

This function gets a list of the installed translators.

**Arguments**

None.

**Returns**

An array of strings where each string represents the name of a translator as it appears in the Translation preferences.

## **dreamweaver.useTranslatedSource()**

**Availability**

Dreamweaver 2.

**Description**

This function specifies that the values that `dom.nodeToOffsets()` and `dom.getSelection()` return. These are used by `dom.offsetsToNode()` and `dom.setSelection()` and should be offsets into the translated source (the HTML that is contained in the DOM after a translator runs), not the untranslated source.

**Note:** This function is relevant only in Property inspector files.

**Arguments**

*bUseTranslatedSource*

- The `bUseTranslatedSource` argument is a Boolean value: `true` if the function uses offsets into the translated source; `false` if the function uses the untranslated source.

The default value of the argument is `false`. Dreamweaver automatically uses the untranslated source for subsequent calls to `dw.getSelection()`, `dw.setSelection()`, `dw.nodeToOffsets()`, and `dw.offsetsToNode()` when the script that calls `dw.useTranslatedSource()` finishes executing, if `dw.useTranslatedSource()` is not explicitly called with an argument of `false` before then.

**Returns**

Nothing.

## XSLT functions

XSLT functions deal with XML files. These functions get information about XML documents, including the schema tree or the reference to an XML document, and prompt the user to specify the XML document associated with the current XSLT document.

### MMXSLT.getXML()

**Availability**

Dreamweaver CS3.

**Description**

Gets an XML source string for an XML file.

**Arguments**

*xmlSourceURI*

- A string representing a URI to an XML file. It can be absolute (`http` or `https`), site relative, or doc relative.

**Returns**

A string containing the contents of the XML file.

**Example**

```
var xmlSource = MMXSLT.getXML(this.fileDataSetURL);
```

## MMXSLT.getXMLSchema()

### Availability

Dreamweaver 8.

### Description

This function returns the schema tree for the specified XML file.

### Arguments

*schemaURI, {bRefresh}*

- The *schemaURI* argument, which is required, is a string that is a reference to a local or remote XML file.
- The *bRefresh* argument, which is optional, is a Boolean value: `true` forces refreshing of the schema; `false` returns the copy of the schema from the XML schema cache. The default value is `false`.

### Returns

A string that contains the XML schema tree.

### Example

The following example gets the schema tree from the XML schema cache for menus.xml:

```
var theSchema = MMXSLT.getXMLSchema("file:///c:/Program Files/Adobe/¬
Adobe Dreamweaver CS5/Configuration/Menus/menus.xml");
```

## MMXSLT.getXMLSourceURI()

### Availability

Dreamweaver 8.

### Description

This function gets a reference to the XML source document associated with the current XSLT document.

### Arguments

*xsltfileURI, {bUseTempForRemote}*

- The *xsltfileURI* argument is a string that is the local file URI that points to the location of the XSL file.
- The *bUseTempForRemote* argument, which is optional, is a Boolean value: `true` returns a reference to the temporary XML file (for example, `file:///C:/Documents and Settings/username/Local Settings/Temporary Internet Files/Content.IE5/GTSLQ9KZ/rss[1].xml`) that is downloaded when the original XML file is remote (for example, `http://myHost/rssfeed.xml`); `false` returns an absolute reference.

### Returns

A string that contains the reference to the XML source document associated with the current XSLT document. If the XML source reference is a remote reference, the function returns the downloaded filepath to the temporary location.

### Example

The following example gets the reference to the XML source document associated with `c:/myxslt/myxsltdocument.xsl`:

```
var theXMLSource = MMXSLT.getXMLSourceURI("file:///c:/myxslt/myxsltdocument.xsl");
```

## MMXSLT.launchXMLSourceDialog()

### Availability

Dreamweaver 8.

### Description

This function prompts the user to specify the XML source document that is associated with the current XSLT document. The user can choose either a local or remote reference to an XML document.

### Arguments

*{xsltfileURI}, {bUseTempForRemote}, {bAddSchemaReference}*

- The *xsltfileURI* argument is optional. It is a string that is the local file URI that points to the location of the XSL file. If this argument is omitted, it defaults to the current open document.
- The *bUseTempForRemote* argument, which is optional, is a Boolean value: `true` returns a reference to the temporary XML file (for example, `file:///C:/Documents and Settings/username/Local Settings/Temporary Internet Files/Content.IE5/GTSLQ9KZ/rss[1].xml`) that is downloaded when the original XML file is remote (for example, `http://myHost/rssfeed.xml`); `false` returns an absolute reference.
- The *bAddSchemaReference* argument is optional. It adds a reference in the current document that points to the XML source URI that is specified in the XML source dialog box. If this argument is omitted, it defaults to the current open document.

### Returns

A string that contains the reference to the XML source document associated with the current XSLT document. If the XML source reference is a remote reference, the function returns the downloaded filepath to the temporary location.

### Example

The following example launches the XML Source Document dialog box without specifying any values:

```
MMXSLT.launchXMLSourceDialog()
```

# Chapter 15: Page content

The Adobe® Dreamweaver® page content functions perform operations that affect the content of a web page. The operations include the following:

- Manipulating assets in the Assets panel
- Adding behaviors
- Cutting and pasting elements from the Clipboard
- Applying a template
- Inserting a code snippet
- Creating Spry XML data sets
- Enhanced editing of Spry and other widgets
- Inserting widgets
- Creating page layouts that work well across multiple browsers using The browser compatibility check functions

## Assets panel functions

Assets panel functions, which are programmed into the API as an asset panel, let you manage and use the elements in the Assets panel (templates, libraries, images, Adobe Shockwave and Adobe Flash content, URLs, colors, and scripts).

### **`dreamweaver.assetPalette.addToFavoritesFrom Document()`**

#### **Availability**

Dreamweaver 4.

#### **Description**

Adds the element that is selected in the Document window to the Favorites list. This function handles only images, Shockwave files, Flash files, text font colors, and URLs.

#### **Arguments**

None.

#### **Returns**

Nothing.

### **`dreamweaver.assetPalette.addToFavoritesFromSiteAssets()`**

#### **Availability**

Dreamweaver 4.

**Description**

Adds elements that are selected in the Site list to the Favorites list and gives each item a nickname in the Favorites list. This function does not remove the element from the Site list.

**Arguments**

None.

**Returns**

Nothing.

**`dreamweaver.assetPalette.addToFavoritesFromSiteWindow()`****Availability**

Dreamweaver 4.

**Description**

Adds the elements that are selected in the Site panel to the Favorites list. This function handles only images, movies, scripts, Shockwave files, and FLA files. If other folders or files are selected, they are ignored.

**Arguments**

None.

**Returns**

Nothing.

**`dreamweaver.assetPalette.copyToSite()`****Availability**

Dreamweaver 4.

**Description**

Copies selected elements to another site and puts them in that site's Favorites list. If the elements are files (other than colors or URLs), the actual file is copied into that site.

**Arguments**

*targetSite*

- The *targetSite* argument is the name of the target site, which the `site.getsites()` call returns.

**Returns**

Nothing.

**`dreamweaver.assetPalette.edit()`****Availability**

Dreamweaver 4.

**Description**

Edits selected elements with primary external editor or Custom Edit control. For colors, the color picker appears. For URLs, a dialog box appears and prompts the user for a URL and a nickname. This function is not available for the Site list of colors and URLs.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.assetPalette.canEdit\(\)](#)” on page 497.

## **dreamweaver.assetPalette.getSelectedCategory()**

**Availability**

Dreamweaver 4.

**Description**

Returns the currently selected category.

**Arguments**

None.

**Returns**

The currently selected category, which can be one of the following: "templates", "library", "images", "movies", "shockwave", "flash", "scripts", "colors", or "urls".

## **dreamweaver.assetPalette.getSelectedItems()**

**Availability**

Dreamweaver 4.

**Description**

Returns an array of the selected items in the Assets panel, either in the Site or Favorites list.

**Arguments**

None.

**Returns**

An array of the following three strings for each selected item:

- The *name* string, which is the name/filename or nickname that appears in the Assets panel.
- The *value* string, which is the full path, full URL, or color value, depending on the selected item.

- The *type* string, which is either "folder" or one of the following categories: "templates", "library", "images", "movies", "shockwave", "flash", "scripts", "colors", or "urls".

**Note:** If nothing is selected in the Assets panel, this function returns an array that contains one empty string.

#### Example

If URLs is the category, and a folder MyFolderName and a URL MyFavoriteURL are both selected in the Favorites list, the function returns the following list:

```
items[0] = "MyFolderName"
items[1] = "//path/FolderName"
items[2] = "folder"
items[3] = "MyFavoriteURL"
items[4] = "http://www.MyFavoriteURL.com"
items[5] = "urls"
```

## **dreamweaver.assetPalette.getSelectedView()**

#### Availability

Dreamweaver 4.

#### Description

Indicates which list is currently shown in the Assets panel.

#### Arguments

None.

#### Returns

Returns a string that has a value of either "site" or "favorites".

## **dreamweaver.assetPalette.insertOrApply()**

#### Availability

Dreamweaver 4.

#### Description

Inserts selected elements or applies the element to the current selection. It applies templates, colors, and URLs to the selection; it also inserts URLs and other elements at the insertion point. If a document isn't open, the function is not available.

#### Arguments

None.

#### Returns

Nothing.

#### Enabler

See "[dreamweaver.assetPalette.canInsertOrApply\(\)](#)" on page 498.

## **dreamweaver.assetPalette.locateInSite()**

### **Availability**

Dreamweaver 4.

### **Description**

Selects files that are associated with the selected elements in the local side of the Site panel. This function does not work for colors or URLs. It is available in the Site list and the Favorites list. If a folder is selected in the Favorites list, the folder is ignored.

### **Arguments**

None.

### **Returns**

Nothing.

## **dreamweaver.assetPalette.newAsset()**

### **Availability**

Dreamweaver 4.

### **Description**

Creates a new element for the current category in the Favorites list. For library and templates, this is a new blank library or template file that the user can name immediately. For colors, the color picker appears. For URLs, a dialog box appears and prompts the user for a URL and a nickname. This function is not available for images, Shockwave files, Flash files, or scripts.

### **Arguments**

None.

### **Returns**

Nothing.

## **dreamweaver.assetPalette.newFolder()**

### **Availability**

Dreamweaver 4.

### **Description**

Creates a new folder in the current category with the default name (untitled) and puts a text box around the default name. It is available only in the Favorites list.

### **Arguments**

None.

**Returns**

Nothing.

**`dreamweaver.assetPalette.recreateLibraryFrom Document()`****Availability**

Dreamweaver 4.

**Description**

Replaces the deprecated `libraryPalette` function, `recreateLibraryFromDocument()`. It creates a Library item (LBI) file for the selected instance of a library item in the current document. This function is equivalent to clicking Recreate in the Property inspector.

**Arguments**

None.

**Returns**

Nothing.

**`dreamweaver.assetPalette.refreshSiteAssets()`****Availability**

Dreamweaver 4.

**Description**

Scans the site, switches to the Site list, and populates the list.

**Arguments**

None.

**Returns**

Nothing.

**`dreamweaver.assetPalette.removeFromFavorites()`****Availability**

Dreamweaver 4.

**Description**

Removes the selected elements from the Favorites list. This function does not delete the actual file on disk, except in the case of a library or template where the user is prompted before the file is deleted. It works only in the Favorites list or if the category is Library or Templates.

**Arguments**

None.

**Returns**

Nothing.

**`dreamweaver.assetPalette.renameNickname()`****Availability**

Dreamweaver 4.

**Description**

Edits the folder name or the file's nickname by displaying a text box around the existing nickname. It is available only in the Favorites list or in the Library or Template category.

**Arguments**

None.

**Returns**

Nothing.

**`dreamweaver.assetPalette.setSelectedCategory()`****Availability**

Dreamweaver 4.

**Description**

Switches to show a different category.

**Arguments**

*categoryType*

- The *categoryType* argument can be one of the following categories: "templates", "library", "images", "movies", "shockwave", "flash", "scripts", "colors", or "urls".

**Returns**

Nothing.

**`dreamweaver.assetPalette.setSelectedView()`****Availability**

Dreamweaver 4.

**Description**

Switches the display to show either the Site list or the Favorites list.

**Arguments**

*viewType*

- The *viewType* argument is a string that can be "site" or "favorites".

**Returns**

Nothing.

## **dreamweaver.referencePalette.getFontSize()**

**Availability**

Dreamweaver 4.

**Description**

Returns the current font size of the Reference panel display region.

**Arguments**

None.

**Returns**

The relative font size as small, medium, or large.

## **dreamweaver.referencePalette.setFontSize()**

**Availability**

Dreamweaver 4.

**Description**

Changes the font size that appears in the Reference panel.

**Arguments**

*fontSize*

- The *fontSize* argument is one of the following relative sizes: small, medium, or large.

**Returns**

Nothing.

## **Behavior functions**

Behavior functions let you add behaviors to, and remove them from, an object, find out which behaviors are attached to an object, get information about the object to which a behavior is attached, and so on. Methods of the `dreamweaver.behaviorInspector` object either control or act on only the selection in the Behaviors panel, not the selection in the current document.

## dom.addBehavior()

### Availability

Dreamweaver 3.

### Description

Adds a new event/action pair to the selected element. This function is valid only for the active document.

### Arguments

*event, action, {eventBasedIndex}*

- The *event* argument is the JavaScript event handler that should attach the behavior to the element (for example, `onClick`, `onMouseOver`, or `onLoad`).
- The *action* argument is the function call that `applyBehavior()` returns if the action is added using the Behaviors panel (for example, `"MM_popupMsg('Hello World!')"`).
- The *eventBasedIndex* argument, which is optional, is the position at which this action should be added. The *eventBasedIndex* argument is a zero-based index; if two actions already are associated with the specified event, and you specify *eventBasedIndex* as 1, this action executes between the other two. If you omit this argument, the action is added after all existing actions for the specified event.

### Returns

Nothing.

## dom.getBehavior()

### Availability

Dreamweaver 3.

### Description

Gets the action at the specified position within the specified event. This function acts on the current selection and is valid only for the active document.

### Arguments

*event, {eventBasedIndex}*

- The *event* argument is the JavaScript event handler through which the action is attached to the element (for example, `onClick`, `onMouseOver`, or `onLoad`).
- The *eventBasedIndex* argument, which is optional, is the position of the action to get. For example, if two actions are associated with the specified event, 0 is first and 1 is second. If you omit this argument, the function returns all the actions for the specified event.

### Returns

A string that represents the function call (for example, `"MM_swapImage('document.Image1','document.Image1','foo.gif','#933292969950')"`) or an array of strings if *eventBasedIndex* is omitted.

## dom.reapplyBehaviors()

**Availability**

Dreamweaver 3.

**Description**

Checks to make sure that the functions that are associated with any behavior calls on the specified node are in the `HEAD` section of the document and inserts them if they are missing.

**Arguments**

*elementNode*

- The *elementNode* argument is an element node within the current document. If you omit the argument, Dreamweaver checks all element nodes in the document for orphaned behavior calls.

**Returns**

Nothing.

## dom.removeBehavior()

**Availability**

Dreamweaver 3.

**Description**

Removes the action at the specified position within the specified event. This function acts on the current selection and is valid only for the active document.

**Arguments**

*event, {eventBasedIndex}*

- The *event* argument is the event handler through which the action is attached to the element (for example, `onClick`, `onMouseOver`, or `onLoad`). If you omit this argument, all actions are removed from the element.
- The *eventBasedIndex* argument, which is optional, is the position of the action to be removed. For example, if two actions are associated with the specified event, 0 is first and 1 is second. If you omit this argument, all the actions for the specified event are removed.

**Returns**

Nothing.

## dreamweaver.getBehaviorElement()

**Availability**

Dreamweaver 2, and updated in CS4.

**Description**

Gets the DOM object that corresponds to the tag to which the behavior is being applied. This function is applicable only in Behavior action files.

### Arguments

None.

### Returns

A DOM object or a null value. This function returns a null value under the following circumstances:

- When the current script is not executing within the context of the Behaviors panel
- When dreamweaver.popupAction() starts the currently executing script
- When the Behaviors panel is attaching an event to a link wrapper and the link wrapper does not yet exist
- When this function appears outside an action file

### Example

The dreamweaver.getBehaviorElement() function can be used in the same way as “[dreamweaver.getBehaviorTag\(\)](#)” on page 314 to determine whether the selected action is appropriate for the selected HTML tag. The difference is that it gives you access to more information about the tag and its attributes. If you write an action that can be applied only to a hypertext link (`A HREF`) that does not target another frame or window, you can use the getBehaviorElement() function. You can use the getBehaviorElement() function as part of the function that initializes the user interface for the Parameters dialog box. It is shown in the following example:

```
function initializeUI(){
    var theTag = dreamweaver.getBehaviorElement();
    var CANBEAPPLIED = (theTag.tagName == "A" && ~
        theTag.getAttribute("HREF") != null && ~
        theTag.getAttribute("TARGET") == null);
    if (CANBEAPPLIED) {
        // display the action user interface
    } else{
        // display a helpful message that tells the user
        // that this action can only be applied to a
        // link without an explicit target
    }
}
```

## **dreamweaver.getBehaviorTag()**

### Availability

Dreamweaver 1.2.

### Description

Gets the source of the tag to which the behavior is being applied. This function is applicable only in action files.

### Arguments

None.

### Returns

A string that represents the source of the tag. This is the same string that passes as an argument (`HTMLElement`) to the canAcceptBehavior() function. If this function appears outside an action file, the return value is an empty string.

### Example

If you write an action that can be applied only to a hypertext link (A HREF), you can use the `getBehaviorTag()` function, as the following example shows, in the function that initializes the user interface for the Parameters dialog box:

```
function initializeUI(){
    var theTag = dreamweaver.getBehaviorTag().toUpperCase();
    var CANBEAPPLIED = (theTag.indexOf('HREF') != -1));
    if (CANBEAPPLIED) {
        // display the action UI
    } else{
        // display a helpful message that tells the user
        // that this action can only be applied to a
        // hyperlink
    }
}
```

## **dreamweaver.popupAction()**

### Availability

Dreamweaver 2, and updated in CS4.

### Description

Starts a Parameters dialog box for the specified behavior action. To the user, the effect is the same as selecting the action from the Actions pop-up menu in the Behaviors panel. This function lets extension files other than actions attach behaviors to objects in the document of the user. It blocks other edits until the user dismisses the dialog box.

**Note:** This function can be called within the `objectTag()` function or in any script in a command file or in the Property inspector file.

### Arguments

`actionName, {funcCall}`

- The `actionName` argument is a string that contains the name of a file in the Configuration/Behaviors/Actions folder. The file contains a JavaScript behavior action (for example, "`Swap Image.htm`").
- The `funcCall` argument, which is optional, is a string that contains a function call for the action that is specified in `actionName`; for example, "`MM_SwapImage(...)`". The `applyBehavior()` function in the action file supplies this argument, if specified.

### Returns

The function call for the behavior action. When the user clicks OK in the Parameters dialog box, the behavior is added to the current document. The appropriate functions are added to the `HEAD` section of the document. HTML is added to the top of the `BODY` section, and other edits can be made to the document. The function call (for example, "`MM_SwapImage(...)`") is not added to document, but becomes the return value of this function.

## **dreamweaver.behaviorInspector.getBehaviorAt()**

### Availability

Dreamweaver 3.

**Description**

Gets the event/action pair at the specified position in the Behaviors panel.

**Arguments**

*positionIndex*

- The *positionIndex* argument is the position of the action in the Behaviors panel. The first action in the list is at position 0.

**Returns**

An array of two items:

- An event handler
- A function call or JavaScript statement

**Example**

Because *positionIndex* is a zero-based index, if the Behaviors panel displays the list, a call to the `dreamweaver.behaviorInspector.getBehaviorAt(2)` function returns an array that contains two strings: `"onMouseOver"` and `"MM_changeProp('document.moon', 'document.moon', 'src', 'sun.gif', 'MG')"`.

**`dreamweaver.behaviorInspector.getBehaviorCount()`****Availability**

Dreamweaver 3.

**Description**

Counts the number of actions that are attached to the currently selected element through event handlers.

**Arguments**

None.

**Returns**

An integer that represents the number of actions that are attached to the element. This number is equivalent to the number of actions that are visible in the Behaviors panel and includes Dreamweaver behavior actions and custom JavaScript.

**Example**

A call to `dreamweaver.behaviorInspector.getBehaviorCount()` for the selected link `<A HREF="javascript:setCookie()" onClick="MM_popupMsg('A cookie has been set.') ; parent.rightframe.location.href='aftercookie.html'">` returns 2.

**`dreamweaver.behaviorInspector.getSelectedBehavior()`****Availability**

Dreamweaver 3.

### Description

Gets the position of the selected action in the Behaviors panel.

### Arguments

None.

### Returns

An integer that represents the position of the selected action in the Behaviors panel, or –1 if no action is selected.

### Example

If the first action in the Behaviors panel is selected, a call to the `dreamweaver.behaviorInspector.getSelectedBehavior()` function returns 0.

## **`dreamweaver.behaviorInspector.moveBehaviorDown()`**

### Availability

Dreamweaver 3.

### Description

Moves a behavior action lower in sequence by changing its execution order within the scope of an event.

### Arguments

*positionIndex*

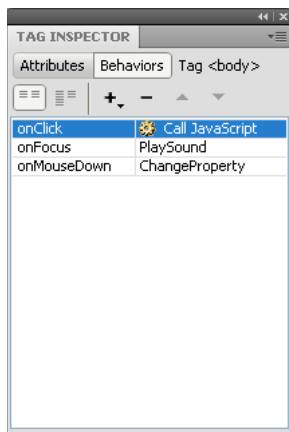
- The *positionIndex* argument is the position of the action in the Behaviors panel. The first action in the list is at position 0.

### Returns

Nothing.

### Example

Calling the `dreamweaver.behaviorInspector.moveBehaviorDown(2)` function swaps the positions of the Preload Images and the Change Property actions on the `onMouseDown` event. Calling the `dreamweaver.behaviorInspector.moveBehaviorDown()` function for any other position has no effect because the `onClick` and `onFocus` events each have only one associated behavior, and the behavior at position 3 is already at the bottom of the `onMouseDown` event group.



### More Help topics

[“dreamweaver.behaviorInspector.getSelectedBehavior\(\)” on page 316](#)

## **`dreamweaver.behaviorInspector.moveBehaviorUp()`**

### Availability

Dreamweaver 3.

### Description

Moves a behavior higher in sequence by changing its execution order within the scope of an event.

### Arguments

*positionIndex*

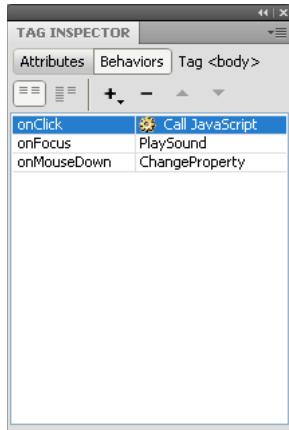
- The *positionIndex* argument is the position of the action in the Behaviors panel. The first action in the list is at position 0.

### Returns

Nothing.

### Example

Calling the `dreamweaver.behaviorInspector.moveBehaviorUp(3)` function swaps the positions of the Preload Images and the Change Property actions on the `onMouseOver` event. Calling the `dreamweaver.behaviorInspector.moveBehaviorUp()` function for any other position has no effect because the `onClick` and `onFocus` events each have only one associated behavior, and the behavior at position 2 is already at the top of the `onMouseDown` event group.



### More Help topics

[“dreamweaver.behaviorInspector.getSelectedBehavior\(\)” on page 316](#)

## **`dreamweaver.behaviorInspector.setSelectedBehavior()`**

### Availability

Dreamweaver 3.

### Description

Selects the action at the specified position in the Behaviors panel.

### Arguments

*positionIndex*

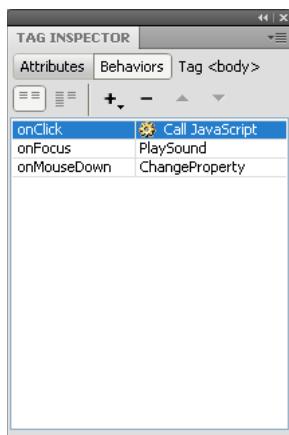
- The *positionIndex* argument is the position of the action in the Behaviors panel. The first action in the list is at position 0. To deselect all actions, specify a *positionIndex* of -1. Specifying a position for which no action exists is equivalent to specifying -1.

### Returns

Nothing.

### Example

Calling the `dreamweaver.behaviorInspector.setSelection(2)` function selects the Change Property action that is associated with the `onMouseDown` event:



### More Help topics

["dreamweaver.behaviorInspector.getSelectedBehavior\(\)" on page 316](#)

## Clipboard functions

Clipboard functions are related to cutting, copying, and pasting. On the Macintosh, some Clipboard functions can also apply to text fields in dialog boxes and floating panels. Functions that can operate in text fields are implemented as methods of the `dreamweaver` object and as methods of the DOM object. The `dreamweaver` version of the function operates on the selection in the active window: the current Document window, the Code inspector, or the Site panel. On the Macintosh, the function can also operate on the selection in a text box if it is the current field. The DOM version of the function always operates on the selection in the specified document.

### **dom.clipCopy()**

#### Availability

Dreamweaver 3.

#### Description

Copies the selection, including any HTML markup that defines the selection, to the Clipboard.

#### Arguments

None.

#### Returns

Nothing.

## dom.clipCopyText()

**Availability**

Dreamweaver 3.

**Description**

Copies the selected text to the Clipboard, ignoring any HTML markup.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canClipCopyText\(\)](#)” on page 488.

## dom.clipCut()

**Availability**

Dreamweaver 3.

**Description**

Removes the selection, including any HTML markup that defines the selection, to the Clipboard.

**Arguments**

None.

**Returns**

Nothing.

## dom.clipPaste()

**Availability**

Dreamweaver 3.

**Description**

Pastes the contents of the Clipboard into the current document at the current insertion point or in place of the current selection. If the Clipboard contains HTML, it is interpreted as such.

**Arguments**

None.

**Returns**

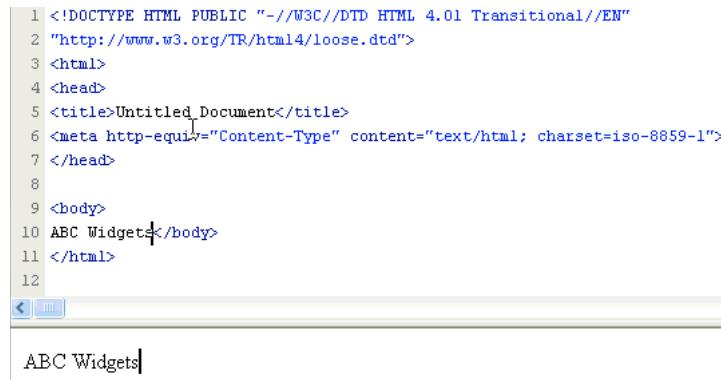
Nothing.

**Enabler**

See “[dom.canClipPaste\(\)](#)” on page 488.

**Example**

If the Clipboard contains ABC Widgets, a call to `dw.getDocumentDOM().clipPaste()` results in the following figure:



The screenshot shows a code editor window with the following HTML content:

```
1 <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
2 "http://www.w3.org/TR/html4/loose.dtd">
3 <html>
4 <head>
5 <title>Untitled Document</title>
6 <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
7 </head>
8
9 <body>
10 ABC Widgets</body>
11 </html>
12
```

Below the code editor, a smaller window titled "Clipboard" displays the text "ABC Widgets".

## **dreamweaver.clipCopy()**

**Availability**

Dreamweaver 3.

**Description**

Copies the current selection from the active Document window, dialog box, floating panel, or Site panel to the Clipboard.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canClipCopy\(\)](#)” on page 498.

## **dreamweaver.clipCut()**

**Availability**

Dreamweaver 3.

**Description**

Removes the selection from the active Document window, dialog box, floating panel, or Site panel to the Clipboard.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canClipCut\(\)](#)” on page 498.

## **dreamweaver.clipPaste()**

**Availability**

Dreamweaver 3. Added the *strPasteOption* argument in Dreamweaver 8.

**Description**

Pastes the contents of the Clipboard into the current document, dialog box, floating panel, or Site panel.

**Arguments**

{*strPasteOption*}

- The *strPasteOption* argument, which is optional, specifies the type of paste to perform. Values include: "text", "structured", "basicFormat", and "fullFormat".

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canClipPaste\(\)](#)” on page 499.

**Example**

The following example pasts the contents of the Clipboard as text:

```
dw.clipPaste("text");
```

## **dreamweaver.getClipboardText()**

**Availability**

Dreamweaver 3.

**Description**

Gets all the text that is stored on the Clipboard.

**Arguments**

{*bAsText*}

- The *bAsText* Boolean value, which is optional, specifies whether the Clipboard content is retrieved as text. If *bAsText* is a value of `true`, the Clipboard content is retrieved as text. If *bAsText* is a value of `false`, the content retains formatting. This argument defaults to `false`.

**Returns**

A string that contains the contents of the Clipboard, if the Clipboard contains text (which can be HTML); otherwise, it returns nothing.

**Example**

```
If dreamweaver.getClipboardText() returns "text <b>bold</b> text",
dreamweaver.getClipboardText(true) returns "text bold text".
```

## Library and template functions

Library and template functions handle operations that are related to library items and templates, such as creating, updating, and breaking links between a document and a template or library item. Methods of the `dreamweaver.libraryPalette` object either control or act on the selection in the Assets panel library items, not in the current document. Likewise, methods of the `dreamweaver.templatePalette` object control or act on the selection in the Assets panel template objects.

### **dom.applyTemplate()**

**Availability**

Dreamweaver 3.

**Description**

Applies a template to the current document. If no argument is supplied, the Select Template dialog box appears. This function is valid only for the document that has focus.

**Arguments**

`{templateURL}, bMaintainLink`

- The `templateURL` argument is the path to a template in the current site, which is expressed as a file:// URL.
- The `bMaintainLink` argument is a Boolean value that indicates whether to maintain the link to the original template (`true`) or not (`false`).

**Returns**

Nothing.

**Enabler**

See “[dom.canApplyTemplate\(\)](#)” on page 487.

### **dom.detachFromLibrary()**

**Availability**

Dreamweaver 3.

**Description**

Detaches the selected library item instance from its associated LBI file by removing the locking tags from around the selection. This function is equivalent to clicking Detach from Original in the Property inspector.

**Arguments**

None.

**Returns**

Nothing.

## **dom.detachFromTemplate()**

**Availability**

Dreamweaver 3.

**Description**

Detaches the current document from its associated template.

**Arguments**

None.

**Returns**

Nothing.

## **dom.getAttachedTemplate()**

**Availability**

Dreamweaver 3.

**Description**

Gets the path of the template that is associated with the document.

**Arguments**

None.

**Returns**

A string that contains the path of the template, which is expressed as a file:// URL.

## **dom.getEditableRegionList()**

**Availability**

Dreamweaver 3.

**Description**

Gets a list of all the editable regions in the body of the document.

**Arguments**

None.

**Returns**

An array of element nodes.

**Example**

[“dom.getSelectedEditableRegion\(\)” on page 326.](#)

## **dom.getIsLibraryDocument()**

**Availability**

Dreamweaver 3.

**Description**

Determines whether the document is a library item.

**Arguments**

None.

**Returns**

A Boolean value that indicates whether the document is an LBI file.

## **dom.getIsTemplateDocument()**

**Availability**

Dreamweaver 3.

**Description**

Determines whether the document is a template.

**Arguments**

None.

**Returns**

A Boolean value that indicates whether the document is a DWT file.

## **dom.getSelectedEditableRegion()**

**Availability**

Dreamweaver 3.

**Description**

If the selection or insertion point is inside an editable region, this function gets the position of the editable region among all others in the body of the document.

**Arguments**

None.

**Returns**

An index into the array that the `dom.setEditableRegionList()` function returns. For more information, see “[“dom.setEditableRegionList\(\)”](#) on page 325.

**Example**

The following code shows a dialog box with the contents of the selected editable region:

```
var theDOM = dw.getDocumentDOM();
var edRegs = theDOM.setEditableRegionList();
var selReg = theDOM.getSelectedEditableRegion();
alert(edRegs[selReg].innerHTML);
```

## **dom.insertLibraryItem()**

**Availability**

Dreamweaver 3.

**Description**

Inserts an instance of a library item into the document.

**Arguments**

*libraryItemURL*

- The *libraryItemURL* argument is the path to an LBI file, which is expressed as a file:// URL.

**Returns**

Nothing.

## **dom.markSelectionAsEditable()**

**Availability**

Dreamweaver 3.

**Description**

Displays the New Editable Region dialog box. When the user clicks New Region, Dreamweaver marks the selection as editable and doesn't change any text.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canMarkSelectionAsEditable\(\)](#)” on page 493.

## **dom.newEditableRegion()**

**Availability**

Dreamweaver 3.

**Description**

Displays the New Editable Region dialog box. When the user clicks New Region, Dreamweaver inserts the name of the region, surrounded by curly braces ({}), into the document at the insertion point location.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canMakeNewEditableRegion\(\)](#)” on page 493.

## **dom.removeEditableRegion()**

**Availability**

Dreamweaver 3.

**Description**

Removes an editable region from the document. If the editable region contains any content, the content is preserved; only the editable region markers are removed.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canRemoveEditableRegion\(\)](#)” on page 494.

## **dom.updateCurrentPage()**

**Availability**

Dreamweaver 3.

**Description**

Updates the document's library items, templates, or both. This function is valid only for the active document.

**Arguments**{*typeOfUpdate*}

- The optional *typeOfUpdate* argument must be "library", "template", or "both". If you omit the argument, the default is "both".

**Returns**

Nothing.

**`dreamweaver.updatePages()`****Availability**

Dreamweaver 3.

**Description**

Opens the Update Pages dialog box and selects the specified options.

**Arguments**{*typeOfUpdate*}

- The optional *typeOfUpdate* argument must be "library", "template", or "both", if you specify it. If the argument is omitted, it defaults to "both".

**Returns**

Nothing.

## Snippets panel functions

Using Dreamweaver, web developers can edit and save reusable blocks of code in the Snippets panel and retrieve them as needed.

The Snippets panel stores each code snippet in a CSN file within the Configuration/Snippets folder. Snippets that come with Dreamweaver are stored in the following folders:

- Accessible
- Comments
- Content\_tables
- Filelist.txt
- Footers
- Form\_elements
- Headers
- Javascript

- Meta
- Navigation
- Text

Snippet files are XML documents, so you can specify the encoding in the XML directive, as shown in the following example:

```
<?XML version="1.0" encoding="utf-8">
```

The following sample shows a snippet file:

```
<snippet name="Detect Flash" description="VBscript to check for Flash ActiveX control"
preview="code" factory="true" type="wrap" >
    <insertText location="beforeSelection">
        <![CDATA[ ----- code ----- ]]>
    </insertText>
    <insertText location="afterSelection">
        <![CDATA[ ----- code ----- ]]>
    </insertText>
</snippet>
```

Snippet tags in CSN files have the following attributes:

Attribute	Description
name	Name of snippet
description	Snippet description
preview	Type of preview: "code" to display the snippet in preview area or "design" to display the snippet rendered in HTML in the Preview area.
type	If the snippet is used to wrap a user selection, "wrap"; if the snippet should be inserted before the selection, "block".

You can use the following methods to add Snippets panel functions to your extensions.

## **dreamweaver.snippetPalette.getCurrentSnippetPath()**

### **Availability**

Dreamweaver MX 2004.

### **Description**

Returns the path to the snippet that is currently selected in the Snippets panel.

### **Arguments**

None.

### **Returns**

The path, relative to the Snippets folder, to the snippet selected in the Snippets panel. Returns an empty string if no snippet is selected.

## **dreamweaver.snippetPalette.newFolder()**

### **Availability**

Dreamweaver MX.

### **Description**

Creates a new folder with the default name *untitled* and puts a text box around the default name.

### **Arguments**

None.

### **Returns**

Nothing.

## **dreamweaver.snippetPalette.newSnippet()**

### **Availability**

Dreamweaver MX.

### **Description**

Opens the Add Snippet dialog box and gives it focus.

### **Arguments**

None.

### **Returns**

Nothing.

## **dreamweaver.snippetPalette.editSnippet()**

### **Availability**

Dreamweaver MX.

### **Description**

Opens the Edit Snippet dialog box and gives it focus, enabling editing for the selected element.

### **Arguments**

None.

### **Returns**

Nothing.

### **Enabler**

See “[dreamweaver.snippetpalette.canEditSnippet\(\)](#)” on page 514.

## **dreamweaver.snippetPalette.insert()**

### **Availability**

Dreamweaver MX.

### **Description**

Applies the selected snippet from the Snippets panel to the current selection.

### **Arguments**

None.

### **Returns**

Nothing.

### **Enabler**

See “[dreamweaver.snippetpalette.canInsert\(\)](#)” on page 515.

## **dreamweaver.snippetPalette.insertSnippet()**

### **Availability**

Dreamweaver MX.

### **Description**

Inserts the indicated snippet into the current selection.

### **Arguments**

*path*

- A string that specifies the path to the snippet relative to the Snippets folder.

### **Returns**

A Boolean value.

### **Enabler**

See “[dreamweaver.snippetpalette.canInsert\(\)](#)” on page 515.

### **Example**

The following call to the `dw.snippetPalette.insertSnippet()` function inserts the code snippet at the location specified by the argument into the current document at the insertion point:

```
dw.snippetPalette.insertSnippet('Text\\Different_Link_Color.csn');
```

## **dreamweaver.snippetPalette.rename()**

### **Availability**

Dreamweaver MX.

**Description**

Activates a text box around the selected folder name or file nickname and lets you edit the selected element.

**Arguments**

None.

**Returns**

Nothing.

## **dreamweaver.snippetPalette.remove()**

**Availability**

Dreamweaver MX.

**Description**

Deletes the selected element or folder from the Snippets panel and deletes the file from the disk.

**Returns**

Nothing.

# Spry widget editing functions

Dreamweaver CS5 provides enhanced editing functions for Spry and other dynamic widgets.

## **element.getTranslatedAttribute()**

**Availability**

Dreamweaver CS3.

**Description**

This function is the same as the W3C `getAttribute()` function, but acts on translated attributes. The `element.getTranslatedAttribute()` function retrieves an attribute value by name.

**Arguments**

*name*

- The *name* argument is a DOMString that is the name of the attribute to retrieve.

**Returns**

Returns the name of the attribute as a DOMString. If the attribute does not have a specified or default value, this function returns an empty string.

## **element.removeTranslatedAttribute()**

### **Availability**

Dreamweaver CS3.

### **Description**

This function is the same as the W3C `removeAttribute()` function, but acts on translated attributes. The `element.removeTranslatedAttribute()` function removes an attribute by name. If the attribute has a default value, an attribute appears containing the default value and the corresponding namespace URI, local name, and prefix, if applicable.

### **Arguments**

*name*

- The *name* argument is a DOMString that is the name of the attribute to remove.

### **Returns**

Nothing.

## **element.setTranslatedAttribute()**

### **Availability**

Dreamweaver CS3.

### **Description**

This function is the same as the W3C `setAttribute()` function, but acts on translated attributes. The `element.setTranslatedAttribute()` function adds a new attribute with the value specified. If an attribute with the specified name already exists in the element, its value is changed to that specified in the *value* argument.

The *value* is a simple string; it is not parsed as it is being set. Therefore, any syntax included in the string is treated as simple text, and must be appropriately escaped by the implementation when it is written out.

To assign an attribute value that contains syntax intended to be recognized as an entity reference, you must create an `Attr` node plus any `Text` and `EntityReference` nodes, build the appropriate subtree, and use `setAttributeNode` to assign it as the value of an attribute.

### **Arguments**

*name, value*

- The *name* argument is a DOMString that is the name of the attribute to create or change.
- The *value* argument is a DOMString that is the value to set for the attribute.

### **Returns**

Nothing.

## element.translatedClassName

### Availability

Dreamweaver CS3.

### Description

This function is the same as the `element.className()` function, but acts on the translated `className` attribute.

## element.translatedStyle

### Availability

Dreamweaver CS3.

### Description

This function is the same as the `element.style()` function, but acts on the translated `style` attribute.

### Example

```
var div1 = dom.getElementById("div1");
div1.translatedStyle.display = "none";
```

## Inserting Spry widgets functions

Dreamweaver provides the following functions to facilitate inserting Spry widgets.

## dom.addJavaScript()

### Availability

Dreamweaver CS3.

### Description

This function tells Dreamweaver to insert a JavaScript block either in the head or in the body. If the location is inside the body, the JavaScript block is inserted immediately before the `</body>` tag. If the document already has a JavaScript block there, Dreamweaver does not insert a new `<script>` tag, but appends `"code"` to the content of the `<script>`.

### Arguments

`code, insideHead`

- The `code` argument is a string containing the JavaScript code to be inserted into the page
- The `insideHead` argument is a Boolean value that indicates whether to insert the JavaScript block in the head or in the body. The default is `true`, which inserts the code in the head. If `false`, the code is inserted in the body immediately before the `</body>` tag. This argument is optional.

### Returns

Nothing.

**Example**

```
function objectTag()
{
    .
    .
    var dom = dw.getDocumentDOM();
    var id = dwscripts.getUniqueId("accordion");
    var code = "new Accordion('" + id + "',250,{duration:200,step:20})";
    dom.addJavaScript(code, false);

    return retVal;
}
```

## dom.copyAssets()

**Availability**

Dreamweaver CS3, and updated in CS4.

**Description**

An extension author can use this API to copy external dependent files to the site of the user. The author can also add the necessary file references into the head of the page.

**Arguments***assetArray*

An array of JavaScript objects. Each JavaScript object has *srcURL*, *destURL*, *referenceType*, *useDefaultFolder*, and *documentRelative* fields.

- The *srcURL* argument is a path to the asset, expressed as a `file://URL`.
- The *destURL* argument is a relative path specifying the location to copy the asset to. What *destURL* is relative to depends on the value of *useDefaultFolder*. If *useDefaultFolder* is `true`, the path is relative to the default Asset folder. If *useDefaultFolder* is `false`, the path is relative to the site root. If the site is not defined, the path is relative to the document. See the *useDefaultFolder* description.
- The *referenceType* argument is necessary for the extension author to insert a file reference into the head. The valid values for *referenceType* are as follows:
  - `link` to insert a `LINK` tag for an external CSS file
  - `import` to insert a `STYLE` tag with `@import`
  - `javascript` to insert a `SCRIPT` tag with `type=text/javascript`
  - `vbscript` to insert a `SCRIPT` tag with `type=text/vbscript`
  - `""` not to insert a reference in the head
- The *useDefaultFolder* argument is a Boolean value that indicates whether the path specified in *destURL* is relative to the default Assets folder. When the value is `false`, meaning that this property is not set, *destURL* is assumed to be relative to the site root. If the site is not defined, *destURL* is assumed to be relative to the document. The default value of this argument is `false`.
- The *documentRelative* argument is a Boolean value. The default value is `false`. When this parameter is `false`, the assets are copied to the folder specified in *destURL* relative to the site root, when the file is saved in a site. If the value is `true`, then the assets are copied to the path specified in *destURL* relative to the document.

**Returns**

An array of strings that are expressed as file://URLs. Each string represents a file that was included in the head of the document through a script or a link tag.

**Example**

```
function objectTag()
{
    .
    .
    .
    var dom = dw.getDocumentDOM();
    var assetList = new Array();
    var assetInfo = new AssetInfo("Objects/Ajax/Accordion.css",
                                  "Objects/Ajax/Accordion.css",
                                  "Accordion.css", "link");
    assetList.push(assetInfo);
    assetInfo = new AssetInfo("Objects/Ajax/Accordion.js", "Accordion.js",
                             "javascript");
    assetList.push(assetInfo);
    assetInfo = new AssetInfo("Objects/Ajax/Images", "Images", "");
    assetList.push(assetInfo);
    dom.copyAssets(assetList);
    return retVal;
}
```

## **dom.getDefaultAssetFolder()**

**Availability**

Dreamweaver CS3.

**Description**

Gets the default asset folder of the document.

**Arguments**

None.

**Returns**

A string that is the default asset folder name.

**Example**

```
function objectTag()
{
    .
    .
    .
    var defaultAssetFolder = dom.getDefaultAssetFolder();
    .
    .
    .
    return retVal;
}
```

## Browser compatibility check functions

The following functions facilitate locating combinations of HTML and CSS that can trigger browser rendering bugs (for more information, refer to "The Browser Compatibility Check Issues API" chapter in *Extending Dreamweaver*), but they can also be used in other types of extensions (such as Commands).

**Note:** The values that these functions return represent the styles currently in effect in Design view. When the functions are used in Issue files as part of a browser compatibility check, Dreamweaver automatically filters the styles based on how the target browsers would read them (for example, styles defined using Star HTML are taken into account if the target browser is Internet Explorer 6 or earlier), but this filtering is not done when you use the functions outside the scope of a browser compatibility check.

### **elem.getComputedStyleProp()**

#### Availability

Dreamweaver CS3.

#### Description

Gets the value of the specified CSS property that is used to render the specified element, regardless of where the property is specified in the cascade. Lengths are reported in pixels (although, unlike the browsers, "px" is not specified with the value).

#### Arguments

*propName*, *pseudoElt*

- The *propName* argument is the name of a CSS property (use intercaps in place of hyphens; for example, "font-size" would become "fontSize").
- The *pseudoElt* argument is the CSS pseudoelement, or `null` if there is none.

#### Returns

A string containing the computed value for the property.

**Note:** Numerical values are also returned as strings; to use these values in calculations, convert them to numbers with `parseInt()` or `parseFloat()`.

#### Example

```
var dom = dw.getDocumentDOM();
var myDiv = dom.getElementsByTagName('myDiv');
var float = myDiv.getStyleProp("float");
if (float == "left")
    alert("This div is floated left.");
```

### **window.getDeclaredStyle()**

#### Availability

Dreamweaver CS3.

### Description

Gets the CSS styles that are declared for the specified element. Differs from the `getComputedStyle()` function in that styles that are not specifically declared are undefined, and it gives actual length values as declared in the style sheet (e.g., 20%, .8em) rather than computed pixel values. If `bGetInherited` is false (default case), `getDeclaredStyle()` also gets only the styles that directly apply to the element; it does not include styles that are inherited from a parent.

### Arguments

*elt, pseudoElt, psuedoClassList, bGetInherited*

- *elt* - a node in the document whose style information is desired
- *pseudoElt* - the CSS pseudoelement, or `null` if there is none
- *psuedoClassList* - an optional string consisting of a space-separated list of pseudoclasses
- *bGetInherited* - an optional Boolean value indicating whether to include styles inherited from ancestors (defaults to `false`).

### Returns

A read-only object containing style properties that can be accessed by name.

### Example

```
var dom = dw.getDocumentDOM();
var myDiv = dom.getElementById('myDiv');
var props = window.getComputedStyle(myDiv);
var marleft = "";
var units = "";
if (typeof(props.marginLeft) != "undefined") {
    marleft = props.marginLeft;
    units = marleft.replace(/\d+/, ""); // remove digits, leaving units
    alert(units); // should show %, px, pt, em, etc.
}
else
    alert("no margin-left property has been set for myDiv.");
```

## dom.getMinDisplayWidth()

### Availability

Dreamweaver CS3.

### Description

Gets the minimum width required for a block-level container to display its entire contents.

**Note:** The actual width of the container could be smaller if a value less than the value that the `dom.minDisplayWidth()` function returns is specified by using CSS.

### Arguments

*container*

- *container* is the containing element for which a minimum width is required.

**Returns**

An integer representing the minimum display width of the specified container, in pixels, or -1 if the element is not a container or its minimum width cannot be determined

**Example**

```
var dom = dw.getDocumentDOM();
var myDiv = dom.getElementById('myDiv');
var props = window.getComputedStyle(myDiv);
var minW = dom.getMinDisplayWidth(myDiv);
var setW = props.width;
if (minW > setW)
    alert("Depending on the browser, your content will either be \n" +
        "clipped, or the container will expand beyond its set width.");
```

**dom.getBlockElements() elem.getBlockElements()****Availability**

Dreamweaver CS3.

**Description**

Scans the document (or element) for descendants with an inherent or specified display value of 'block'.

**Arguments**

None

**Returns**

An array of element nodes.

### Example

```
[...]
var blocks = DOM.getBlockElements();
var dProps = null, children = null;
for (var i=0; i < blocks.length; i++){
    // get the declared styles so we can see whether width
    // or height have been specified explicitly
    dProps = window.getComputedStyle(blocks[i]);
    // if the block has children, border-left, and padding-bottom
    // but no width or height
    if (blocks[i].hasChildNodes() && |
        issueUtils.hasBorder(blocks[i],null,"left") &&
        (parseFloat(blocks[i].getComputedStyle("padding-bottom")) > 0) &&
        typeof(dProps.width) == "undefined" && typeof(dProps.height) == "undefined"){
        children = blocks[i].getBlockElements();
        var hasLayout = false;
        // loop through the block-level children to see if
        // any have width or height defined. width or height on any
        // of the children of the outer block will prevent the bug.
        for (var j=0; j < children.length; j++){
            dProps = window.getComputedStyle(children[j]);
            if (typeof(dProps.width) != "undefined" || typeof(dProps.height) !=
                "undefined"){
                hasLayout = true;
                break;
            }
        }
    [...]
}
}
[...]
```

## dom.getInlineElements() elem.getInlineElements()

### Availability

Dreamweaver CS3.

### Description

Scans the document (or element) for descendants with an inherent or specified display value of 'inline'.

### Arguments

None.

### Returns

An array of element nodes.

**Example**

```
[...]
var DOM = dw.getDocumentDOM();
var inEls = DOM.body.getInlineElements();
var next = null, prev = null, parent = null;
var props = null;

// look through all inline elements for replaced elements.
// if no replaced elements are found, don't bother going forward.
for (var i=0; i < inEls.length; i++) {
    if (inEls[i].tagName == 'IMG' ||
        inEls[i].tagName == 'INPUT' ||
        inEls[i].tagName == 'TEXTAREA' ||
        inEls[i].tagName == 'SELECT' ||
        inEls[i].tagName == 'OBJECT') {
        // do something
    }
}
[...]
```

**dom.getHeaderElements() elem.getHeaderElements()****Availability**

Dreamweaver CS3.

**Description**

Scans the document (or element) for header tags (H1 to H6).

**Arguments**

None.

**Returns**

An array of element nodes.

**Example**

```
var DOM = dw.getDocumentDOM();
var headers = DOM.getHeaderElements();

for (var i=0; i < headers.length; i++) {
    alert(headers[i].tagName);
}
```

**dom.getListElements() elem.getListElements()****Availability**

Dreamweaver CS3.

**Description**

Scans the document (or element) for ordered, unordered, and definition lists.

**Arguments**

None.

**Returns**

An array of element nodes.

**Example**

```
[...]
var DOM = dw.getDocumentDOM();
// get all the UL, OL, and DL elements in the document.
var lists = DOM.getListElements();
var props = null;
for (var i=0; i < lists.length; i++) {
    props = window.getComputedStyle(lists[i]);
    if ((props.cssFloat == "left" || props.cssFloat == "right") && props.overflow == "auto") {
        // do something
    }
}
[...]
```

## elem.isBlockElement()

**Availability**

Dreamweaver CS3.

**Description**

Checks whether the element has an inherent or specified display value of 'block'.

**Arguments**

None.

**Returns**

A Boolean value indicating whether the object is a block-level element.

**Example**

```
[...]
var DOM = dw.getDocumentDOM();
var blocks = DOM.body.getBlockElements();
var next = null;
for (var i=0; i < blocks.length; i++) {
    // next is the node right after blocks[i]
    next = blocks[i].nextSibling;
    // if next isn't null AND next is an element node AND next is a block element,
    // we've met the "second of two consecutive block elements" test.
    if (next && (next.nodeType == 1) && next.isBlockElement()) {
        // do something
    }
}
[...]
```

## elem.isInlineElement()

### Availability

Dreamweaver CS3.

### Description

Checks whether the element has an inherent or specified display value of 'inline'.

### Arguments

None.

### Returns

A Boolean value indicating whether the object is an inline element.

### Example

```
[...]
var DOM = dw.getDocumentDOM();
var floats = issueUtils.getFloats(DOM.body);
var next = null;
for (var i=0; i < floats.length; i++) {
    next = floats[i].nextSibling;
    // if nextSibling of float is a text node or an inline element
    if (next && (next.nodeType == Node.TEXT_NODE ||
        (next.nodeType == Node.ELEMENT_NODE && next.isInlineElement()))){
        // do something
    }
}
[...]
```

## elem.isHeaderElement()

### Availability

Dreamweaver CS3.

### Description

Checks whether the element is one of the following tags: h1, h2, h3, h4, h5, h6.

### Arguments

None.

### Returns

A Boolean value indicating whether the object is a header element.

**Example**

```
[...]
var DOM = dw.getDocumentDOM();
var floats = issueUtils.getFloats(DOM.body);
var prev = null;
// first float in the document isn't affected, so start
// at 1.
for (var i=1; i < floats.length; i++){
    prev = floats[i].previousSibling;
    // if the element before the float is a header
    if (prev && prev.isHeaderElement()){
        // do something
    }
}
[...]
```

**elem.isListElement()****Availability**

Dreamweaver CS3.

**Description**

Checks whether the element is one of the following tags: ul, ol, dl.

**Arguments**

None.

**Returns**

A Boolean value indicating whether the object is a list element.

**Example**

```
[...]
var DOM = dw.getDocumentDOM();
var floats = issueUtils.getFloats(DOM.body);
var prev = null, children = null;
for (var i=0; i < floats.length; i++){
    children = floats[i].childNodes;
    for (var k=0; k < children.length; k++){
        if (children[k].isListElement()){
            // do something
        }
    }
}
[...]
```

# Chapter 16: Dynamic documents

The dynamic documents functions in Adobe® Dreamweaver® perform operations that are related to web server pages. The operations include the following:

- Returning a property for the selected node in the Components panel
- Getting a list of all data sources in the user document
- Displaying dynamic content in Design view
- Applying a server behavior to a document
- Getting the names of all currently defined server models

## Server components functions

Server components functions let you access the currently selected node of the Server Components tree control that appears in the Components panel. Using these functions, you can also refresh the view of the Components tree.

### **`dreamweaver.serverComponents.getSelectedNode()`**

#### **Availability**

Dreamweaver MX.

#### **Description**

Returns the currently selected ComponentRec property in the Server Components tree control.

#### **Arguments**

None.

#### **Returns**

The ComponentRec property.

### **`dreamweaver.serverComponents.refresh()`**

#### **Availability**

Dreamweaver MX.

#### **Description**

Refreshes the view of the Components tree.

#### **Arguments**

None.

**Returns**

Nothing.

## Data source functions

Data source files are stored in the Configuration/DataSources folder. Each server model has its own folder: ASP.Net/C#, ASP.Net/VisualBasic, ASP/JavaScript, ASP/VBScript, ColdFusion, JSP, and PHP/MySQL. Each server model subfolder contains HTML and EDML files that are associated with the data sources for that server model.

For more information about using data sources in Dreamweaver, see “Data Sources” in *Extending Dreamweaver*.

### **dreamweaver.dbi.getDataSource**

**Availability**

Dreamweaver UltraDev 4.

**Description**

Calls the `findDynamicSources()` function for each file in the Configuration/DataSources folder. You can use this function to generate a list of all the data sources in the user’s document. This function iterates through all the files in the Configuration/DataSources folder, calls the `findDynamicSources()` function in each file, concatenates all the returned arrays, and returns the concatenated array of data sources.

**Arguments**

None.

**Returns**

An array that contains a concatenated list of all the data sources in the user’s document. Each element in the array is an object, and each object has the following properties:

- The `title` property is the label string that appears to the right of the icon for each parent node. The `title` property is always defined.
- The `imageFile` property is the path of a file that contains the icon (a GIF image) that represents the parent node in Dynamic Data or the Dynamic Text dialog box or in the Bindings panel. The `imageFile` property is always defined.
- The `allowDelete` property is optional. If this property is set to a value of `false`, when the user clicks on this node in the Bindings panel, the Minus (-) button is disabled. If it is set to a value of `true`, the Minus (-) button is enabled. If the property is not defined, the Minus (-) button is enabled when the user clicks on the item (as if the property is set to a value of `true`).
- The `dataSource` property is the simple name of the file in which the `findDynamicSources()` function is defined. For example, the `findDynamicSources()` function in the `Session.htm` file, which is located in the Configuration/DataSources/ASP\_Js folder, sets the `dataSource` property to `session.htm`. This property is always defined.
- The `name` property is the name of the server behavior associated with the data source, `dataSource`, if one exists. The `name` property is always defined but can be an empty string (" ") if no server behavior is associated with the data source (such as a session variable).

## **dw.dbi.setExpanded()**

### **Availability**

Dreamweaver CS3.

### **Description**

Sets the node to be expanded or collapsed.

### **Arguments**

*data-source-node-name, expanded*

- *data-source-node-name* is a string indicating the name of the data source to be expanded or collapsed.
- *expanded* is a Boolean value indicating whether to expand or collapse the data set node.

### **Returns**

Nothing.

### **Example**

```
dw.dbi.setExpanded(dsName, true);           //expand the data source node
```

## **Extension Data Manager functions**

The APIs in this section comprise the Extension Data Manager (EDM). You can programmatically access and manipulate the data that is contained in the group and participant files by calling these functions. The EDM performs in the following manner:

- The EDM performs all EDML file input/output for group and participant files.
- The EDM acts as a server model filter by performing all data requests for the current server model.

## **dreamweaver.getExtDataValue()**

### **Availability**

Dreamweaver UltraDev 4.

### **Description**

This function retrieves the field values from an EDML file for the specified nodes.

### **Arguments**

*qualifier(s)*

- The *qualifier(s)* argument is a variable-length list (depending on the level of information you need) of comma-separated node qualifiers that includes group or participant name, subblock (if any), and field name.

### **Returns**

Dreamweaver expects a field value. If a value is not specified, Dreamweaver uses the default value.

**Example**

The following example retrieves the location attribute value for the insertText tag of the recordset\_main participant:

```
dw.getExtDataValue("recordset_main", "insertText", "location");
```

## **dreamweaver.getExtdataArray()**

**Availability**

Dreamweaver UltraDev 4.

**Description**

This function retrieves an array of values from an EDML file for the specified nodes.

**Arguments**

*qualifier(s)*

- The *qualifier(s)* argument is a variable-length list of comma-separated node qualifiers, including group or participant name, subblock (if any), and field name.

**Returns**

Dreamweaver expects an array of child-node names.

## **dreamweaver.getExtParticipants()**

**Availability**

Dreamweaver UltraDev 4.

**Description**

This function retrieves the list of participants from an EDML group file or participant files.

**Arguments**

*value, qualifier(s)*

- The *value* argument is a property value, or it is blank and is ignored. For example  
`dreamweaver.getExtParticipants("", "participant");`
- The *qualifier(s)* argument is a variable-length list of comma-separated node qualifiers of the required property.

**Returns**

Dreamweaver expects an array of participant names that have the specified property, if it is given, and the property matches the specified value, if it is given.

## **dreamweaver.getExtGroups()**

**Availability**

Dreamweaver UltraDev 4.

**Description**

Retrieves the name of the group, which is the equivalent to the server behavior's name, from an EDML group file.

**Arguments**

*value, qualifier(s)*

- The *value* argument is a property value or is blank to ignore.
- The *qualifier(s)* argument is a variable length list of comma-separated node qualifiers of the required property.

**Returns**

Dreamweaver expects an array of group names that have the specified property, if it is given, and the property matches the specified value, if it is given.

**`dreamweaver.refreshExtData()`****Availability**

Dreamweaver UltraDev 4.

**Description**

Reloads all extension data files.

 You can make a useful command from this function, letting edits to server-behavior EDML files be reloaded without restarting Dreamweaver.

**Arguments**

None.

**Returns**

Dreamweaver expects reloaded data.

## Live data functions

You can use the following live data functions to mimic menu functionality:

- The `showLiveDataDialog()` function is used for the View > Live Data Settings menu item.
- The `setLiveDataMode()` function is used for the View > Live Data and View > Refresh Live Data menu items.
- The `getLiveDataMode()` function determines whether Live Data mode is active.

You can use the remaining live data functions when you implement the translator API `liveDataTranslateMarkup()` function.

**`dreamweaver.getLiveDataInitTags()`****Availability**

Dreamweaver UltraDev 1.

**Description**

Returns the initialization tags for the currently active document. The initialization tags are the HTML tags that the user supplies in the Live Data Settings dialog box. This function is typically called from a translator's `liveDataTranslateMarkup()` function, so that the translator can pass the tags to the `liveDataTranslate()` function.

**Arguments**

None.

**Returns**

A string that contains the initialization tags.

## **`dreamweaver.getLiveDataMode()`**

**Availability**

Dreamweaver UltraDev 1.

**Description**

Determines whether the Live Data window is currently visible.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the Live Data window is visible; `false` otherwise.

## **`dreamweaver.getLiveDataParameters()`**

**Availability**

Dreamweaver MX.

**Description**

Obtains the URL parameters that are specified as Live Data settings.

Live Data mode lets you view a web page in the design stage (as if it has been translated by the application server and returned). Generating dynamic content to display in Design view lets you view your page layout with live data and adjust it, if necessary.

Before you view live data, you must enter Live Data settings for any URL parameters that you reference in your document. This prevents the web server from returning errors for parameters that are otherwise undefined in the simulation.

You enter the URL parameters in name-value pairs. For example, if you reference the URL variables `ID` and `Name` in server scripts in your document, you must set these URL parameters before you view live data.

You can enter Live Data settings through Dreamweaver in the following ways:

- Through the Live Data Settings dialog box, which you can activate from the View menu.

- In the URL text field that appears at the top of the document when you click the Live Data View button on the toolbar.

For the `ID` and `Name` parameters, you can enter the following pairs:

<code>ID</code>	22
<code>Name</code>	Samuel

In the URL, these parameters would appear as shown in the following example:

```
http://someURL?ID=22&Name=Samuel
```

This function lets you obtain these live data settings through JavaScript.

### Arguments

None.

### Returns

An array that contains the URL parameters for the current document. The array contains an even number of parameter strings. Each two elements form a URL parameter name-value pair. The even element is the parameter name and the odd element is the value. For example, `getLiveDataParameters()` returns the following array for the `ID` and `Name` parameters in the preceding example: `['ID', '22', 'Name', 'Samuel']`.

### Example

The following example returns the parameters that are specified as Live Data settings and stores them in the `paramsArray`:

```
var paramsArray = dreamweaver.getLiveDataParameters();
```

## **dreamweaver.liveDataTranslate()**

### Availability

Dreamweaver UltraDev 1.

### Description

Sends an entire HTML document to an application server, asks the server to execute the scripts in the document, and returns the resulting HTML document. This function can be called only from a translator's `liveDataTranslateMarkup()` function; if you try to call it at another time, an error occurs. The `dreamweaver.liveDataTranslate()` function performs the following operations:

- Makes the animated image (that appears near the right edge of the Live Data window) play.
- Listens for user input. If the Stop icon is clicked, the function returns immediately.
- Accepts a single string argument from the caller. (This string is typically the entire source code of the user's document. It is the same string that is used in the next operation.)
- Saves the HTML string from the user's document as a temporary file on the live data server.
- Sends an HTTP request to the live-data server, using the parameters specified in the Live Data Settings dialog box.
- Receives the HTML response from the live data server.
- Removes the temporary file from the live data server.
- Makes the animated image stop playing.

- Returns the HTML response to the caller.

**Arguments***string*

- A single string, which typically is the entire source code of the user's current document.

**Returns**

An `httpReply` object. This object is the same as the value that the `MMHttp.getText()` function returns. If the user clicks the Stop icon, the return value's `httpReply.statusCode` value is equal to 200 (Status OK) and its `httpReply.data` value is equal to the empty string. For more information on the `httpReply` object, see “[The HTTP API](#)” on page 14.

## **dreamweaver.setLiveDataError()**

**Availability**

Dreamweaver UltraDev 1.

**Description**

Specifies the error message that appears if an error occurs while the `liveDataTranslateMarkup()` function executes in a translator. If the document that Dreamweaver passed to `liveDataTranslate()` contains errors, the server passes back an error message that is formatted using HTML. If the translator (the code that called `liveDataTranslate()`) determines that the server returned an error message, it calls `setLiveDataError()` to display the error message in Dreamweaver. This message appears after the `liveDataTranslateMarkup()` function finishes executing; Dreamweaver displays the description in an error dialog box. The `setLiveDataError()` function should be called only from the `liveDataTranslateMarkup()` function.

**Arguments***source*

- The `source` argument is a string that contains source code, which is parsed and rendered in the error dialog box.

**Returns**

Nothing.

## **dreamweaver.setLiveDataMode()**

**Availability**

Dreamweaver UltraDev 1.

**Description**

Toggles the visibility of the Live Data window.

**Arguments***bIsVisible*

- The *bIsVisible* argument is a Boolean value that indicates whether the Live Data window should be visible. If you pass `true` to this function and Dreamweaver currently displays the Live Data window, the effect is the same as if you clicked the Refresh button.

**Returns**

Nothing.

**`dreamweaver.setLiveDataParameters()`****Availability**

Dreamweaver MX.

**Description**

Sets the URL parameters that you reference in your document for use in Live Data mode.

Live Data mode lets you view a web page in the design stage (as if it has been translated by the application server and returned). Generating dynamic content to display in Design view lets you view your page layout with live data and adjust it, if necessary.

Before you view live data, you must enter Live Data settings for any URL parameters that you reference in your document. This prevents the web server from returning errors for parameters that are otherwise undefined in the simulation.

You enter the URL parameters in name-value pairs. For example, if you reference the URL variables `ID` and `Name` in server scripts in your document, you must set these URL parameters before you view live data.

This function lets you set Live Data values through JavaScript.

**Arguments***liveDataString*

- The *liveDataString* argument is a string that contains the URL parameters that you want to set, in name-value pairs.

**Returns**

Nothing.

**Example**

```
dreamweaver.setLiveDataParameters("ID=22&Name=Samuel")
```

**`dreamweaver.showLiveDataDialog()`****Availability**

Dreamweaver UltraDev 1.

**Description**

Displays the Live Data Settings dialog box.

**Arguments**

None.

**Returns**

Nothing.

## Live view functions

Live view functions are used for the following purposes:

- Getting and setting the Design view mode
- Getting and setting the Live view mode using the server
- Getting Live view defaults
- Getting and setting Live view dependents
- Viewing the Live view parameters

### **dom.getDesignViewMode()**

**Availability**

Dreamweaver CS4.

**Description**

This function gets the view or mode of the Design view. The Design view can be in Classic Editable Design view or Live view.

**Arguments**

None.

**Returns**

A string value. Returns `live` if the mode of the Design view is Live view. Returns `editable` if the mode of the Design view is Classic Editable Design view.

### **dom.setDesignViewMode()**

**Availability**

Dreamweaver CS4.

**Description**

This function turns on the mode of the Design view. For example, the function turns on Live view.

**Arguments**

`mode`

- The `mode` argument is a string that takes the value `live` or `editable`.

**Returns**

None.

**dom.getLiveViewUsingServer()****Availability**

Dreamweaver CS4.

**Description**

This function lets you know whether the current page is previewed using a server.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the current page must be previewed using a server; `false` otherwise.

**dom.setLiveViewUsingServer()****Availability**

Dreamweaver CS4.

**Description**

This function enables you to specify whether a page can be previewed using a server.

**Arguments**

`bool`

- The `bool` argument is a Boolean value that indicates whether a page can be previewed using a server. If you pass `true` to this function, the page can be previewed using a server.

**Returns**

None.

**dom.getLiveViewDefaultsToUsingServer()****Availability**

Dreamweaver CS4.

**Description**

This function is used to determine whether the default action is to preview using a server.

**Arguments**

None.

**Returns**

A Boolean value. If the default action is to preview a page using a server, the Boolean value is `true`; `false` otherwise.

## **dom.getLiveViewDependentsUsingServer()**

**Availability**

Dreamweaver CS4.

**Description**

This function is used to determine whether dependent CSS and JavaScript files are requested from the server.

**Arguments**

None.

**Returns**

A Boolean value. If the dependent CSS and JavaScript files are requested from the server, the Boolean value is `true`; `false` otherwise.

## **dom.setLiveViewDependentsUsingServer()**

**Availability**

Dreamweaver CS4.

**Description**

This function is used to specify whether dependent CSS and JavaScript files must be requested from the server.

**Arguments**

*bool*

- A Boolean value that indicates whether the dependent CSS and JavaScript files are requested from the server. If you pass `true` to this function, the files are requested from the server.

**Returns**

None.

## **dom.showLiveViewParamatersDialog()**

**Availability**

Dreamweaver CS4.

**Description**

This function is used to view the live preview parameters dialog.

**Arguments**

None

**Returns**

None.

## **dom.setLiveViewFollowsLinks()**

**Description**

This function is used to enable the link following functionality for the current document. In the Live view mode, link following allows the user to determine the document behavior when a link is clicked.

**Availability**

Dreamweaver CS5.

**Arguments**

*bool*

A Boolean value that indicates whether the link following functionality should be enabled.

**Returns**

None.

## **dom.getLiveViewFollowsLinks()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to determine whether the Link following functionality is enabled for the document.

**Arguments**

None

**Returns**

*bool*

A Boolean value that indicates whether the link following functionality is enabled.

## **dom.isLiveViewBrowsingHomeURI()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to determine if the URL being viewed in the Live View browser is same as the URL in the main document tab.

**Arguments**

None

**Returns***bool*

A Boolean value that indicates whether the Live view mode is enabled. `False` is returned, if the user has followed a link to another document after invoking the Live View mode.

## **dreamweaver.findSiteForURI()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to determine the site referred by the URI.

**Arguments**`DWUri`

A URI that refers to a local file or a remote site (specified as a `file://` path or an `http://` link).

**Returns**

Object

An object that has the site context. The returned object has the following properties:

Property	Description
<code>siteName</code>	The name of the site referred by the URI.
<code>localURI</code>	The <code>DWUri</code> object that represents the URI of the local site. If the URI refers to a remote site, the value of the <code>localURI</code> property will be null.

## **dom.browser.isCmdEnabled()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to determine if a particular browser command is available for use.

**Arguments**

String

A string representing the browser command. The following table shows the valid command strings:

Property	Description
cut	Denotes if the cut action is allowed while in the browser view.
copy	Denotes if the copy action is allowed while in the browser view.
paste	Denotes if the paste action is allowed while in the browser view.
clear	Denotes if the clear action is allowed while in the browser view.
selectAll	Denotes if the entire content can be selected while in the browser view.
find	Denotes if the find action is allowed while in the browser view.
undo	Denotes if the undo action is allowed while in the browser view.
redo	Denotes if the redo action is allowed while in the browser view.
print	Denotes if the print action is allowed while in the browser view.
back	Denotes if the back action is available through the browser's navigation bar.
forward	Denotes if the forward action is available through the browser's navigation bar.
stop	Denotes if the stop action is available through the browser's navigation bar.
refresh	Denotes if the refresh action is available through the browser's navigation bar.
setURL	Denotes if a URL can be set while in the browser view.
pageNavigationHistory	Denotes if the page navigation history functions are available to use.  The page navigation history functions are: <code>dom.browser.isPageNavigationHistoryEnabled()</code> , <code>dom.browser.enablePageNavigationHistory()</code> , <code>dom.browser.getPageNavigationHistoryLength()</code> , <code>dom.browser.getPageNavigationHistoryPosition()</code> , <code>dom.browser.goToPageNavigationHistoryPosition()</code> , <code>dom.browser.getNavigationHistoryItem()</code> , <code>dom.browser.setHomePage()</code> , and <code>dom.browser.getHomePage()</code> .
home	Denotes if the home action is available through the browser's navigation bar.
followLinkContextMenuItem	Denotes if a link can be selected and followed.

## Returns

*bool*

A Boolean value that indicates whether the particular browser command is available for use.

## **dom.browser.isPageNavigationHistoryEnabled()**

### Availability

Dreamweaver CS5.

### Description

This function is used to determine whether the browser is tracking the pages that the user has viewed.

### Arguments

None

**Returns***bool*

A Boolean value that indicates whether the browser is tracking the pages.

## **dom.browser.enablePageNavigationHistory()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to enable or disable the browser history.

**Arguments***bool*

A Boolean value that indicates whether the browser history should be enabled or disabled. Specify `true` for enabling the browser history.

**Returns***bool*

A Boolean value: `true` if the operation succeeds.

## **dom.browser.getPageNavigationHistoryLength()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to determine the number of items in the browser history list.

**Arguments**

None

**Returns***int*

An integer representing the number of items in the history list.

## **dom.browser.getPageNavigationHistoryPosition()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to determine the user's current position in the browser history list. The current position is usually the value of `getPageNavigationHistoryLength() - 1` for the most current page. However, if the user has gone back in the history list, the value of the current position changes.

**Arguments**

None

**Returns**

int

An integer representing the user's current position in the browser history list.

## **dom.browser.goToPageNavigationHistoryPosition()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to instruct the browser to navigate to the given position in the history list.

**Arguments**

int

An integer representing the position in the browser history list.

**Returns**

None

## **dom.browser.getPageNavigationHistoryItem()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to get information on a specific item from the browser history list.

**Arguments**

int

An integer representing the position in the browser history list.

**Returns**

Object

An object that has the information about the item in the browser history list. The returned object has the following properties:

Property	Description
uri	The URI used by the browser for the history item. The property type is a <code>DWUri</code> object.
originalUri	The original URI for the history item. The original URI value is usually same as the URI value. The property type is a <code>DWUri</code> object.
title	The title of the page that was viewed. The property type is a <code>String</code> .
isPost	Denotes whether the item will re-post the form data when it loads. The property type is a <code>bool</code> .

## dom.browser.setHomePage()

### Availability

Dreamweaver CS5.

### Description

This function is used to instruct the browser to set a specified URL as the home page.

### Arguments

`DWUri`

A `DWUri` object that contains the URI information.

### Returns

`bool`

A Boolean value: `true` if the operation succeeds.

## dom.browser.getHomePage()

### Availability

Dreamweaver CS5.

### Description

This function is used to get the current home page of the browser.

### Arguments

None.

### Returns

`DWUri` Object

A `DWUri` object that contains the URI information.

## dom.browser.getSelection()

### Availability

Dreamweaver CS4.

**Description**

This function is used to get the current selection from the browser in Live view.

**Arguments**

None.

**Returns**

Returns an array with two offsets for the start and end positions of the selection in the source code.

**dom.browser.getStatusText()****Availability**

Dreamweaver CS4.

**Description**

This function is used to get the current status text for the browser. It is usually an empty string or the string "loading file ...".

**Arguments**

None.

**Returns**

Returns text that is displayed in the status area of the chrome of a browser.

**dom.browser.getWindow()****Availability**

Dreamweaver CS4.

**Description**

This function is used to get the window object for the browser control. You can access the browser document object model from the window object.

**Arguments**

None.

**Returns**

Returns an object.

**dom.browserEle.loadHTML()****Availability**

Dreamweaver CS4.

**Description**

This function loads an HTML string directly into the browser control. This function is useful if you have HTML strings ready to go. The HTML strings must not be associated with a document.

**Arguments**

None.

**Returns**

None.

## **dom.browser.interactivityPaused**

**Availability**

Dreamweaver CS4.

**Description**

This property enables you to know whether interactivity is enabled.

**Arguments**

None.

**Returns**

A Boolean value: `true` if interactivity is enabled; `false` otherwise.

## **dom.browser.javaScriptEnabled**

**Availability**

Dreamweaver CS4.

**Description**

This property enables you to know whether JavaScript is enabled. This property works like `dom.interactivityPaused()`, but only for JavaScripts.

**Arguments**

None.

**Returns**

A Boolean value: `true` if JavaScript is enabled; `false` otherwise.

## **<mm:browsercontrol>**

You can use this tag in extensible dialogs to display a browser in the dialog. This tag does not have special attributes. You can control the size of the browser window using CSS styling. The DOM object returned by the tag is the same type of object as `dom.browser`, but it is not the same instance. The `dom.browser` function does not work in commands, you must get the browser object in the DOM. An example of the tag is:

```
<mm:browsercontrol id="myBrowser" style="width: 500px; height:300px;" />
```

At the head of the document, you must have a script that looks like the following:

```
var browserEle = document.getElementById("myBrowser");
alert(browserEle.getWindow().document.documentElement.outerHTML);
```

The browser control also broadcasts two special events:

**BrowserControlLoad** This event is called immediately after the browser has called its load event so that you can attach your own elements to the loaded browser DOM.

**BrowserControlBeforeNavigation** This event is called when the browser is about to go to a new page. If the event is canceled, the navigation request is also canceled and the browser control remains on its current page. The event context also contains the requested URL.

The following example illustrates the functionality of these events:

```
var browserEle = document.getElementById("myBrowser");
browserEle.addEventListener("BrowserControlBeforeNavigation",
    function(e){ if (e.requestedLocation = "foo.com")
        e.preventDefault(); //don't allow navigation to this site!}, true);
```

## Server behavior functions

Server behavior functions let you manipulate the Server Behaviors panel, which you can display by selecting Window > Server Behaviors. Using these functions, you can find all the server behaviors on a page and programmatically apply a new behavior to the document or modify an existing behavior.

**Note:** You can abbreviate `dw.serverBehaviorInspector` to `dw.sbi`.

### **dreamweaver.getParticipants()**

#### Availability

Dreamweaver UltraDev 4.

#### Description

The JavaScript function, `dreamweaver.getParticipants()`, gets a list of participants from the user's document. After Dreamweaver finds all the behavior's participants, it stores those lists. Typically, you use this function with the `findServerBehaviors()` function (for more information, see "Server Behaviors" in *Extending Dreamweaver*) to locate instances of a behavior in the user's document.

#### Arguments

*edmlFilename*

- The *edmlFilename* argument is the name of the group or participant file that contains the names of the participants to locate in the user's document. This string is the filename, without the .edml extension.

**Returns**

This function returns an array that contains all instances of the specified participant (or, in the case of a group file, any instance of any participant in the group) that appear in the user's document. The array contains JavaScript objects, with one element in the array for each instance of each participant that is found in the user's document. The array is sorted in the order that the participants appear in the document. Each JavaScript object has the following properties:

- The *participantNode* property is a pointer to the participant node in the user's document.
- The *participantName* property is the name of the participant's EDML file (without the .edml extension).
- The *parameters* property is a JavaScript object that stores all the parameter/value pairs.
- The *matchRangeMin* property defines the character offset from the participant node of the document to the beginning of the participant content.
- The *matchRangeMax* property is an integer of the participant that defines the offset from the beginning of the participant node to the last character of the participant content.

**`dreamweaver.serverBehaviorInspector.getServerBehaviors()`****Availability**

Dreamweaver UltraDev 1.

**Description**

Gets a list of all the behaviors on the page. When Dreamweaver determines that the internal list of server behaviors might be out of date, it calls the `findServerBehaviors()` function for each currently installed behavior. Each function returns an array. Dreamweaver merges all the arrays into a single array and sorts it, based on the order in which each behavior's `selectedNode` object appears in the document. Dreamweaver stores the merged array internally. The `getServerBehaviors()` function returns a pointer to that merged array.

**Arguments**

None.

**Returns**

An array of JavaScript objects. The `findServerBehaviors()` call returns the objects in the array. The objects are sorted in the order that they appear in the Server Behaviors panel.

**`dreamweaver.popupServerBehavior()`****Availability**

Dreamweaver UltraDev 1.

**Description**

Applies a new server behavior to the document or modifies an existing behavior. If the user must specify parameters for the behavior, a dialog box appears.

**Arguments**

{behaviorName} or {behaviorObject}

- The *behaviorName* argument, which is optional, is a string that represents the behavior's name, the title tag of a file, or a filename.
- The *behaviorObject* argument, which is optional, is a behavior object.

If you omit the argument, Dreamweaver runs the currently selected server behavior. If the argument is the name of a server behavior, Dreamweaver adds the behavior to the page. If the argument is one of the objects in the array that the `getServerBehaviors()` function returns, a dialog box appears so the user can modify the parameters for the behavior.

**Returns**

Nothing.

## Server model functions

In Dreamweaver, each document has an associated document type. For dynamic document types, Dreamweaver also associates a server model (such as ASP-JS, ColdFusion, or PHP-MySQL).

Server models are used to group functionality that is specific to a server technology. Different server behaviors, data sources, and so forth, appear based on the server model that is associated with the document.

Using the server model functions, you can determine the set of server models that are currently defined; the name, language, and version of the current server model; and whether the current server model supports a named character set (such as UTF-8).

**Note:** Dreamweaver reads all the information in the server model HTML file and stores this information when it first loads the server model. So, when an extension calls functions such as `dom.serverModel.getServerName()`, `dom.serverModel.getServerLanguage()`, and `dom.serverModel.getServerVersion()`, these functions return the stored values.

### dom.serverModel.getAppURLPrefix()

**Availability**

Dreamweaver MX.

**Description**

Returns the URL for the site's root folder on the testing server. This URL is the same as that specified for the Testing Server on the Advanced tab in the Site Definition dialog box.

When Dreamweaver communicates with your testing server, it uses HTTP (the same way as a browser). When doing so, it uses this URL to access your site's root folder.

**Arguments**

None.

**Returns**

A string, which holds the URL to the application server that is used for live data and debugging purposes.

**Example**

If the user creates a site and specifies that the testing server is on the local computer and that the root folder is named "employeeapp", a call to the `dom.serverModel.getAppURLPrefix()` function returns the following string:  
`http://localhost/employeeapp/`

## **dom.serverModel.getDelimiters()**

**Availability**

Dreamweaver MX.

**Description**

Lets JavaScript code get the script delimiter for each server model, so managing the server model code can be separated from managing the user-scripted code.

**Arguments**

None.

**Returns**

An array of objects where each object contains the following three properties:

- The `startPattern` property is a regular expression that matches the opening script delimiter.
- The `endPattern` property is a regular expression that matches the closing script delimiter.
- The `participateInMerge` pattern is a Boolean value that specifies whether the content that is enclosed in the listed delimiters should (`true`) or should not (`false`) participate in block merging.

## **dom.serverModel.getDisplayName()**

**Availability**

Dreamweaver MX.

**Description**

Gets the name of the server model that appears in the user interface (UI).

**Arguments**

None.

**Returns**

A string, the value of which is the name of the server model.

## **dom.serverModel.getFolderName()**

**Availability**

Dreamweaver MX.

**Description**

Gets the name of the folder that is used for this server model in the Configuration folder (such as in the ServerModels subfolder).

**Arguments**

None.

**Returns**

A string, the value of which is the name of the folder.

**dom.serverModel.getServerIncludeUrlPatterns()****Availability**

Dreamweaver MX.

**Description**

Returns the following list of properties, which let you access:

- Translator URL patterns
- File references
- Type

**Arguments**

None.

**Returns**

A list of objects, one for each `searchPattern`. Each object has the following three properties:

Property	Description
<code>pattern</code>	A JavaScript regular expression that is specified in the <code>searchPattern</code> field of an EDML file. (A regular expression is delimited by a pair of forward slashes (//).)
<code>fileRef</code>	The 1-based index of the regular expression submatch that corresponds to the included file reference.
<code>type</code>	The portion of the <code>paramName</code> value that remains after removing the <code>_includeUrl</code> suffix. This type is assigned to the <code>type</code> attribute of the <code>&lt;MM:BeginLock&gt;</code> tag. For an example, see Server Model SSI.htm in the Configuration/Translators folder.

**Example**

The following code snippet from a participant file shows a translator `searchPatterns` tag:

```
<searchPatterns whereToSearch="comment">
    <searchPattern paramNames=",ssi_comment_includeUrl">
        <! [CDATA[ /<!--\s*#include\s+(file|virtual)\s*=\s*"( [^"]* )"\s*-->/i ]>
    </searchPattern>
</searchPatterns>
```

The search pattern contains a JavaScript regular expression that specifies two submatches (both of which are contained within parentheses). The first submatch is for the text string `file` or `virtual`. The second submatch is a file reference.

To access the translator URL pattern, your code should look like the following example:

```
var serverModel = dw.getDocumentDOM().serverModel;
var includeArray = new Array();
includeArray = serverModel.getServerIncludeUrlPatterns();
```

The call to `serverModel.getServerIncludeUrlPatterns()` returns the following three properties:

Property	Return value
pattern	<code>/&lt;!--\s*#include\s+(file virtual)\s*=\\s*(\[^"]*)"\s*--&gt;/i</code>
fileRef	2
type	ssi_comment

## dom.serverModel.getServerInfo()

### Availability

Dreamweaver MX.

### Description

Returns information that is specific to the current server model. This information is defined in the HTML definition file for the server model, which is located in the Configuration/ServerModels folder.

You can modify the information in the HTML definition file or place additional variable values or functions in the file. For example, you can modify the `serverName`, `serverLanguage`, and `serverVersion` properties. The `dom.serverModel.getServerInfo()` function returns the information that the server model author adds to the definition file.

*Note: The other values that are defined in the default server model files are for internal use only.*

The `serverName`, `serverLanguage`, and `serverVersion` properties are special because the developer can access them directly by using the following corresponding functions:

- `dom.serverModel.getServerName()`
- `dom.serverModel.getServerLanguage()`
- `dom.serverModel.getServerVersion()`

### Arguments

None.

### Returns

A JavaScript object that contains a variety of information that is specific to the current server model.

## dom.serverModel.getServerName()

### Availability

Dreamweaver 1; enhanced in Dreamweaver MX.

**Description**

Retrieves the server name that is associated with the document and returns that value. The server name differentiates between server technologies (such as ASP.NET and JSP), but does not differentiate between languages on the same server technology (such as ASP.NET VB and ASP.NET C#). Possible values include `ASP`, `ASP.NET`, `Cold Fusion`, `JSP`, and `PHP`.

To retrieve the server model name associated with the document, see “[dom.serverModel.getDisplayName\(\)](#)” on page 369 or “[dom.serverModel.getFolderName\(\)](#)” on page 369.

**Note:** For Dreamweaver MX, or later, `dom.serverModel.getServerName()` reads the `serverName` property of the object that is returned by a call to the `getServerInfo()` function in the Server Models API.

**Arguments**

None.

**Returns**

A string that contains the server name.

## **dom.serverModel.getServerSupportsCharset()**

**Availability**

Dreamweaver MX.

**Description**

Determines whether the server model that is associated with the document supports the named character set.

**Note:** In addition to letting you call this function from the JavaScript layer, Dreamweaver calls this function when the user changes the encoding in the Page Properties dialog box. If the server model does not support the new character encoding, this function returns `false` and Dreamweaver pops up a warning dialog box that asks if the user wants to do the conversion. An example of this situation is when a user attempts to convert a ColdFusion 4.5 document to UTF-8 because ColdFusion does not support UTF-8 encoding.

**Arguments**

`metaCharSetString`

- The `metaCharSetString` argument is a string value that names a particular character set. This value is the same as that of the `"charset=`" attribute of a `meta` tag that is associated with a document. Supported values for a given server model are defined in the HTML definition file for the server model, which is located in the Configuration/ServerModels folder.

**Returns**

A Boolean value: `true` if the server model supports the named character set; `false` otherwise.

## **dom.serverModel.getServerVersion()**

**Availability**

UltraDev 1; enhanced in Dreamweaver MX.

**Description**

Determines the server model that is associated with the document and returns that value. Each server model has a `getVersionArray()` function, as defined in the Server Models API, which returns a table of name-version pairs.

**Note:** For Dreamweaver, `dom.serverModel.getServerVersion()` first reads the `serverVersion` property of the object that is returned by a call to `getServerInfo()` in the Server Models API. If that property does not exist, `dom.serverModel.getServerVersion()` reads it from the `getVersionArray()` function.

**Arguments***name*

- The *name* argument is a string that represents the name of a server model.

**Returns**

A string that contains the version of the named server model.

**dom.serverModel.testAppServer()****Availability**

Dreamweaver MX.

**Description**

Tests whether a connection to the application server can be made.

**Arguments**

None.

**Returns**

A Boolean value that indicates whether the request to connect to the application server was successful.

**dreamweaver.getServerModels()****Availability**

Dreamweaver MX.

**Description**

Gets the names for all the currently defined server models. The set of names is the same as the ones that appear in the Server Model text field in the Site Definition dialog box.

**Arguments**

None.

**Returns**

An array of strings. Each string element holds the name of a currently defined server model.

# Chapter 17: Design

The Design functions in Adobe® Dreamweaver® perform operations related to designing the appearance of a document. The operations include functions that enable you to perform the following:

- Apply a specified cascading style sheet (CSS) style
- Split a selected frame vertically, or horizontally
- Align selected layers or hotspots
- Play a selected plug-in item
- Create a layout cell
- Manipulate table rows or column

## CSS layout functions

CSS functions handle applying, removing, creating, and deleting CSS styles. Methods of the `dreamweaver.cssRuleTracker` object either control or act on the selection in the CSS rule tracker panel of the Selection inspector. Methods of the `dreamweaver.cssStylePalette` object either control or act on the selection in the Styles panel, not in the current document.

### **dom.applyLayout()**

#### **Availability**

Dreamweaver CS3.

#### **Description**

Applies a CSS-based layout to the document. The document body must be empty, and the document must be a page where you can apply a layout. That is:

- A page that is HTML based, such as HTML, XHTML, ColdFusion, PHP, and so on, (but *not* CSS, XML, JavaScript, and so on).
- A page that is *not* a frameset or a template instance (although a template itself is fine).

#### **Arguments**

*layout-index*, *CSS*, *cssFileName*, *preventOverwrite*

- *layout-index* is an integer, zero-based index that specifies the layout to use. This is an index to the list of layouts, which is used to return the `layoutNames` and `layoutDescriptions` in the corresponding functions.
- *CSS* specifies where to put the CSS layout. Possible values are:
  - “`embed`” - embed the CSS in the document head.
  - “`link`” - link to *cssFileName*.
  - “`create_and_link`” - write CSS in *cssFileName* and link to that.
  - “`import`” - import *cssFileName*.

- “`create_and_import`” - write CSS in `cssFileName` and import.
- `cssFileName` is the name of the CSS file to link or import and create, if appropriate.
- `preventOverwrite` is a Boolean value, where: `true`: when creating a new CSS file, fail if the file already exists `false`: overwrite the file if it already exists

**Returns**

A Boolean value: `true`: layout is successfully applied; `false`: otherwise.

**Example**

```
dw.getLayoutNames();
var theDOM = dw.getDocumentDOM();
alert (theDOM.canApplyLayout());
if (theDOM.canApplyLayout())
    theDOM.applyLayout(1, "embed");
else
    alert("can't apply layout to this doc");
```

## **dom.canApplyLayout()**

**Availability**

Dreamweaver CS3.

**Description**

Checks whether a CSS-based layout can be applied to the document. It checks that the document body is empty, and that it is a page where you can apply a layout. That is:

- A page that is basically HTML based, such as HTML, XHTML, ColdFusion, PHP, and so on (but *not* CSS, XML, JavaScript, and so on).
- A page that is *not* a frameset or a template instance (although a template itself is fine). evelyn

**Arguments**

None.

**Returns**

A Boolean where: `true`: layout can be applied. `false`: layout cannot be applied.

## **dw.GetFilesForLayout()**

**Availability**

Dreamweaver CS3.

**Description**

Gets the paths of the configuration files for the specified layout.

**Arguments***layoutIndex*

- *layoutIndex* is an integer, zero-based index specifying the layout. This is an index to the list of layouts, which is used to return the `layoutNames` and `layoutDescriptions` in the corresponding functions.

**Returns**

String array containing the full paths of the HTML and preview image files (which can be `null`).

**`dw.getLayoutNames()`****Availability**

Dreamweaver CS3.

**Description**

Gets the names of the available CSS-based layouts.

**Arguments**

None.

**Returns**

String array of layout names.

**`dw.getLayoutDescriptions()`****Availability**

Dreamweaver CS3.

**Description**

Gets the descriptions of the available CSS-based layouts

**Arguments**

None.

**Returns**

String array of layout descriptions.

**`dom.applyCSSStyle()`****Availability**

Dreamweaver 4.

**Description**

Applies the specified style to the specified element. This function is valid only for the active document.

**Arguments**

*elementNode, styleName, {classOrID}, {bForceNesting}*

- The *elementNode* argument is an element node in the DOM. If the *elementNode* argument is a `null` value or an empty string (" "), the function acts on the current selection.
- The *styleName* argument is the name of a CSS style.
- The *classOrID* argument, which is optional, is the attribute with which the style should be applied (either "class" or "id"). If the *elementNode* argument is a `null` value or an empty string and no tag exactly surrounds the selection, the style is applied using SPAN tags. If the selection is an insertion point, Dreamweaver uses heuristics to determine to which tag the style should be applied.
- The *bForceNesting* argument, which is optional, is a Boolean value, which indicates whether nesting is allowed. If the *bForceNesting* flag is specified, Dreamweaver inserts a new SPAN tag instead of trying to modify the existing tags in the document. This argument defaults to a `false` value if it is not specified.

**Returns**

Nothing.

**Example**

The following code applies the `red` style to the selection, either by surrounding the selection with SPAN tags or by applying a CLASS attribute to the tag that surrounds the selection:

```
var theDOM = dreamweaver.getDocumentDOM('document');
theDOM.applyCSSStyle('', 'red');
```

## dom.getElementView()

**Availability**

Dreamweaver 8.

**Description**

This function gets the Element view for the currently selected element in the document. If the currently selected element is normal, the `getElementView()` function looks for the selected element's first ancestor that is either full or hidden.

**Arguments**

None.

**Returns**

A string that indicates the status of the selected element. Values include:

- "hidden", which indicates that the element has CSS properties that may cause content to be partially or completely hidden in Design view. Supported CSS properties include:
  - `overflow: hidden`, `scroll`, or `auto`
  - `display: none`
- "full", which indicates that the element is "hidden" by default, but is currently in "full" view as set by the `setElementView("full")` function.
- "normal", which indicates that the element is neither "hidden" nor "full".

**Example**

The following example changes the status of the selected element to "full" if it is "hidden":

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM && getElementView() == "hidden") {
    currentDOM.setElementView("full");
}
```

## **dom.getShowDivBackgrounds()**

**Availability**

Dreamweaver 8.

**Description**

This function gets the state of the Layout Block Backgrounds visual aid.

**Arguments**

None.

**Returns**

A Boolean; `true` if the Layout Block Backgrounds visual aid is on; `false` otherwise.

**Example**

The following example checks whether the Layout Block Backgrounds visual aid is on and, if not, turns it on:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.getShowDivBackgrounds() == false) {
    currentDOM.setShowDivBackgrounds(true);
}
```

## **dom.getShowDivBoxModel()**

**Availability**

Dreamweaver 8.

**Description**

This function gets the state of the Layout Block Box Model visual aid.

**Arguments**

None.

**Returns**

A Boolean; `true` if the Layout Block Box Model visual aid is on; `false` otherwise.

**Example**

The following example checks whether the Layout Block Box Model visual aid is on and, if not, turns it on:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.getShowDivBoxModel() == false) {
    currentDOM.setShowDivBoxModel(true);
}
```

## dom.getShowDivOutlines()

### Availability

Dreamweaver 8.

### Description

This function gets the state of the Layout Block Outlines visual aid.

### Arguments

None.

### Returns

A Boolean; `true` if the Layout Block Outlines visual aid is on; `false` otherwise.

### Example

The following example checks whether the Layout Block Outlines visual aid is on and, if not, turns it on:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.getShowDivOutlines() == false) {
    currentDOM.setShowDivOutlines(true);
}
```

## dom.removeCSSStyle()

### Availability

Dreamweaver 3.

### Description

Removes the `CLASS` or `ID` attribute from the specified element, or removes the `SPAN` tag that completely surrounds the specified element. This function is valid only for the active document.

### Arguments

`elementNode, {classOrID}`

- The `elementNode` argument is an element node in the DOM. If the `elementNode` argument is specified as an empty string (" "), the function acts on the current selection.
- The `classOrID` argument, which is optional, is the attribute that should be removed (either "class" or "id"). If the `classOrID` argument is not specified, it defaults to "class". If no `CLASS` attribute is defined for the `elementNode` argument, the `SPAN` tag that surrounds the `elementNode` argument is removed.

### Returns

Nothing.

## dom.resetAllElementViews()

### Availability

Dreamweaver 8.

### Description

This function resets the Element view of all elements in the document to the original view by removing all internally generated CSS.

### Arguments

*{forceRefresh}*

- The *forceRefresh* argument, which is optional, is a Boolean value that specifies whether to refresh the rendering of the entire document when there is no internal CSS to remove. A value of `true` causes the refresh. The default value is `false`.

### Returns

Nothing.

### Example

The following example resets the Element view of all elements in the document without forcing a refresh of the rendering:

```
var currentDOM = dw.getDocumentDOM();
currentDOM.resetAllElementViews(false);
```

## dom.setElementView()

### Availability

Dreamweaver 8.

### Description

This function sets the Element view for the currently selected element in the document. If the currently selected element is "normal", the `setElementView()` function looks for the first ancestor of the currently selected element that is "full" or "hidden".

### Arguments

*view*

- The *view* argument, which is required, is a string that sets the currently selected element to "full" or "hidden". If the currently selected element is "normal", the `setElementView()` function looks for the currently selected element's first ancestor that is either "full" or "hidden". For additional information, see "["dom.getElementView\(\)" on page 377](#)". Possible values are:
  - "full" — Removes the internal CSS that put the element in "full" view, so that the element returns to its original state.
  - "hidden" —If the currently selected element is in "hidden" view, Dreamweaver generates the CSS to cause all content to be viewed and then applies the CSS as an internal design time style sheet.

**Returns**

Nothing.

**Example**

See “[dom.getElementView\(\)](#)” on page 377.

## **dom.setShowDivBackgrounds()**

**Availability**

Dreamweaver 8.

**Description**

This function turns the Layout Block Backgrounds visual aid on or off.

**Arguments**

*show*

- The *show* argument, which is required, is a Boolean value that specifies whether to turn the Layout Block Backgrounds visual aid on. Setting *show* to `true` turns the Layout Block Backgrounds visual aid on.

**Returns**

Nothing.

**Example**

See “[dom.getShowDivBackgrounds\(\)](#)” on page 378.

## **dom.setShowDivBoxModel()**

**Availability**

Dreamweaver 8.

**Description**

This function turns the Layout Block Box Model visual aid on or off.

**Arguments**

*show*

- The *show* argument, which is required, is a Boolean value that specifies whether to turn the Layout Block Box Model visual aid on. Setting *show* to `true` turns the Layout Block Box Model visual aid on.

**Returns**

Nothing.

**Example**

See “[dom.getShowDivBoxModel\(\)](#)” on page 378.

## dom.setShowDivOutlines()

### Availability

Dreamweaver 8.

### Description

This function turns the Layout Block Outlines visual aid on or off.

### Arguments

*show*

- The *show* argument, which is required, is a Boolean value that specifies whether to turn the Layout Block Outlines visual aid on. Setting *show* to `true` turns the Layout Block Outlines visual aid on.

### Returns

Nothing.

### Example

See “[dom.getShowDivOutlines\(\)](#)” on page 379.

## dom.getLiveViewInspectMode()

### Availability

Dreamweaver CS5.

### Description

This function is used to determine if the Live View Inspect mode is enabled for the current document. For more information, see Inspect CSS in Live view.

### Arguments

None.

### Returns

A Boolean: `true` if Inspect Mode is enabled for the current document.

## dom.setLiveViewInspectMode()

### Availability

Dreamweaver CS5.

### Description

This function is used to enable or disable the Live View Inspect mode for the current document. For more information, see Inspect CSS in Live view.

### Arguments

A Boolean. Specify `true` to enable the Live View Inspect mode.

**Returns**

None.

**`dreamweaver.cssRuleTracker.editSelectedRule()`****Availability**

Dreamweaver MX 2004.

**Description**

Lets the user edit the currently selected rule in the rule tracker. This function displays the selected rule in the CSS property grid, and if necessary, will show the property grid and its containing floater.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.cssRuleTracker.canEditSelectedRule\(\)](#)” on page 506.

**`dreamweaver.cssRuleTracker.newRule()`****Availability**

Dreamweaver MX 2004.

**Description**

Opens the New CSS Style dialog box, so the user can create a new rule.

**Arguments**

None.

**Returns**

Nothing.

**`dreamweaver.cssStylePalette.applySelectedStyle()`****Availability**

Dreamweaver MX.

**Description**

Applies the selected style to the current active document or to its attached style sheet, depending on the selection in the Styles panel.

**Arguments**

{pane}

- The *pane* argument, which is optional, is a string that specifies the pane of the Styles panel to which this function applies. Possible values are "stylelist", which is the list of styles in "All" mode; "cascade", which is the list of applicable, relevant rules in "Current" mode; "summary", which is the list of properties for the current selection in "Current" mode; and "ruleInspector", which is the editable list or grid of properties in "Current" mode. The default value is "stylelist".

**Returns**

Nothing.

**Enabler**See "[dreamweaver.cssStylePalette.canApplySelectedStyle\(\)](#)" on page 506.**`dreamweaver.cssStylePalette.attachStyleSheet()`****Availability**

Dreamweaver 4.

**Description**

Displays a dialog box that lets users attach a style sheet to the current active document or to one of its attached style sheets, depending on the selection in the Styles panel.

**Arguments**

None.

**Returns**

Nothing.

**`dreamweaver.cssStylePalette.deleteSelectedStyle()`****Availability**

Dreamweaver 3.

**Description**

Deletes the style that is currently selected in the Styles panel from the document.

**Arguments**

{pane}

- The *pane* argument, which is optional, is a string that specifies the pane of the Styles panel to which this function applies. Possible values are "stylelist", which is the list of styles in "All" mode; "cascade", which is the list of applicable, relevant rules in "Current" mode; "summary", which is the list of properties for the current selection in "Current" mode; and "ruleInspector", which is the editable list or grid of properties in "Current" mode. The default value is "stylelist".

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.cssStylePalette.canDeleteSelectedStyle\(\)](#)” on page 506.

## **dreamweaver.cssStylePalette.duplicateSelectedStyle()**

**Availability**

Dreamweaver 3.

**Description**

Duplicates the style that is currently selected in the Styles panel and displays the Duplicate Style dialog box to let the user assign a name or selector to the new style.

**Arguments**

*{pane}*

- The *pane* argument, which is optional, is a string that specifies the pane of the Styles panel to which this function applies. Possible values are "stylelist", which is the list of styles in "All" mode; "cascade", which is the list of applicable, relevant rules in "Current" mode; "summary", which is the list of properties for the current selection in "Current" mode; and "ruleInspector", which is the editable list or grid of properties in "Current" mode. The default value is "stylelist".

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.cssStylePalette.canDuplicateSelectedStyle\(\)](#)” on page 507.

## **dreamweaver.cssStylePalette.editSelectedStyle()**

**Availability**

Dreamweaver 3.

**Description**

Opens the Style Definition dialog box for the style that is currently selected in the Styles panel.

**Arguments**

*{pane}*

- The *pane* argument, which is optional, is a string that specifies the pane of the Styles panel to which this function applies. Possible values are "stylelist", which is the list of styles in "All" mode; "cascade", which is the list of applicable, relevant rules in "Current" mode; "summary", which is the list of properties for the current selection in "Current" mode; and "ruleInspector", which is the editable list or grid of properties in "Current" mode. The default value is "stylelist".

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.cssStylePalette.canEditSelectedStyle\(\)](#)” on page 507.

## **dreamweaver.cssStylePalette.editSelectedStyleInCodeview()**

**Availability**

Dreamweaver 8.

**Description**

This function switches to Code view and moves the mouse pointer to the code for the style that is currently selected in the Styles panel.

**Arguments**

*{pane}*

- The *pane* argument, which is optional, is a string that specifies the pane of the Styles panel to which this function applies. Possible values are “stylelist”, which is the list of styles in “All” mode; “cascade”, which is the list of applicable, relevant rules in “Current” mode; “summary”, which is the list of properties for the current selection in “Current” mode; and “ruleInspector”, which is the editable list or grid of properties in “Current” mode. The default value is “stylelist”.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.cssStylePalette.canEditSelectedStyleInCodeview\(\)](#)” on page 508.

## **dreamweaver.cssStylePalette.editStyleSheet()**

**Availability**

Dreamweaver 3.

**Description**

Opens the Edit Style Sheet dialog box.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.cssStylePalette.canEditStyleSheet\(\)](#)” on page 508.

## **dreamweaver.cssStylePalette.getDisplayStyles()**

### **Availability**

Dreamweaver 8.

### **Description**

This function determines whether CSS styles are being rendered. The default value is `true`.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if CSS styles are being rendered; `false` otherwise.

### **Example**

```
var areStylesRendered = dw.cssStylePalette.getDisplayStyles();
```

## **dreamweaver.cssStylePalette.getMediaType()**

### **Availability**

Dreamweaver MX 2004.

### **Description**

Gets target media type for rendering. The default media type is "screen".

### **Arguments**

None.

### **Returns**

A string value that specifies the target media type.

### **Example**

```
var mediaType = dw.cssStylePalette.getMediaType();
```

## **dreamweaver.cssStylePalette.getSelectedStyle()**

### **Availability**

Dreamweaver 3; `fullSelector` available in Dreamweaver MX.

### **Description**

Gets the name of the style that is currently selected in the Styles panel.

## Arguments

### *fullSelector*

- The *fullSelector* argument is a Boolean value that indicates whether the full selector or only the class should return. If nothing is specified, only the class name returns. For instance, `p.class1` is a selector that means the style is applied to any `p` tag of `class1`, but it does not apply, for instance, to a `div` tag of `class1`. Without the *fullSelector* argument, the `dreamweaver.cssStylePalette.getSelectedStyle()` function returns only the class name, `class1`, for the selector. The *fullSelector* argument tells the function to return `p.class1` instead of `class1`.

## Returns

When the *fullSelector* argument is a `true` value, the function returns either the full selector or an empty string when the stylesheet node is selected.

When the *fullSelector* argument is a `false` value or it is omitted, a string that represents the class name of the selected style returns. If the selected style does not have a class or a stylesheet node is selected, an empty string returns.

## Example

If the style `red` is selected, a call to the `dw.cssStylePalette.getSelectedStyle()` function returns `"red"`.

## **`dreamweaver.cssStylePalette.getStyles()`**

### Availability

Dreamweaver 3.

### Description

Gets a list of all the class styles in the active document. Without arguments it just returns class selector names. If the *bGetIDs* argument is `true`, it returns just ID selector names. In either case, if the *bGetFullSelector* argument is `true`, it returns the full selector name.

For example, given an HTML file with the following code:

```
<style>
.test{ background:none };
p.foo{ background:none };
#bar {background:none };
div#hello p.world {background:none};
```

The calls in the following table return the values in the Result column.

Function call	Result
<code>dw.cssStylePalette.getStyles()</code>	<code>foo, test, world</code>
<code>dw.cssStylePalette.getStyles(true)</code>	<code>bar, hello</code>
<code>dw.cssStylePalette.getStyles(false, true)</code>	<code>p.foo, .test, div#hello p.world</code>
<code>dw.cssStylePalette.getStyles(true, true)</code>	<code>#bar, div#hello p.world</code>

## Arguments

### *{bGetIDs}, {bGetFullSelector}*

- The *bGetIDs* argument is optional. It is a Boolean value that, if `true`, causes the function to return just ID selector names (the part after the "#"). Defaults to `false`.

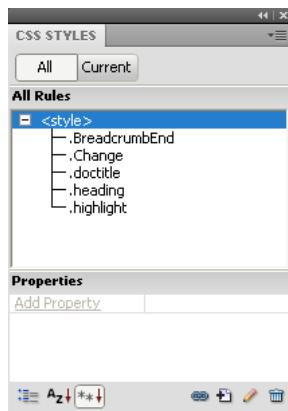
- The `bGetFullSelector` argument is optional. It is a Boolean value that, if `true`, returns the complete selector string, instead of just the names. Defaults to `false`.

**Returns**

An array of strings that represent the names of all the class styles in the document.

**Example**

If the Styles panel is set up as shown in the following figure, a call to the `dreamweaver.cssStylePalette.getStyles()` function returns an array that contains these strings: "BreadcrumbEnd", "change", "doctitle", "heading", and "highlight":



## **dreamweaver.cssStylePalette.newStyle()**

**Availability**

Dreamweaver 3.

**Description**

Opens the New Style dialog box.

**Arguments**

None.

**Returns**

Nothing.

## **dreamweaver.cssStylePalette.renameSelectedStyle()**

**Availability**

Dreamweaver 3.

**Description**

Renames the class name that is used in the currently selected rule in the Styles panel and all instances of the class name in the selected rule.

**Arguments**{*pane*}

- The *pane* argument, which is optional, is a string that specifies the pane of the Styles panel to which this function applies. Possible values are "stylelist", which is the list of styles in "All" mode; "cascade", which is the list of applicable, relevant rules in "Current" mode; "summary", which is the list of properties for the current selection in "Current" mode; and "ruleInspector", which is the editable list or grid of properties in "Current" mode. The default value is "stylelist".

**Returns**

Nothing.

**Enabler**See "[dreamweaver.cssStylePalette.canRenameSelectedStyle\(\)](#)" on page 509.**`dreamweaver.cssStylePalette.setDisplayStyles()`****Availability**

Dreamweaver 8.

**Description**

This function determines whether to render CSS styles and refreshes the rendering of all open documents.

**Arguments***display*

- The *display* argument is a Boolean value: true to render CSS styles; false otherwise.

**Returns**

Nothing.

**Example**

The following example turns off rendering of CSS styles:

```
dw.cssStylePalette.setDisplayStyles(false);
```

**`dreamweaver.cssStylePalette.setMediaType()`****Availability**

Dreamweaver MX 2004.

**Description**

Sets the target media type for rendering. Refreshes the rendering of all open documents.

**Arguments***mediaType*

- The *mediaType* argument specifies the new target media type.

**Returns**

Nothing.

**Example**

```
dw.cssStylePalette.setMediaType("print");
```

## **dreamweaver.getBlockVisBoxModelColors()**

**Availability**

Dreamweaver 8.

**Description**

This function gets the colors used to render the box model for a selected block when the Layout Block Box Model visual aid is on.

**Arguments**

None.

**Returns**

An array of strings that contains two strings:

- `marginColor`, which is the hexadecimal value of the RGB color, in the form #RRGGBB.
- `paddingColor`, which is the hexadecimal value of the RGB color, in the form #RRGGBB.

**Example**

The following example checks the value of the margin and padding color; if either isn't white, it sets them both to white:

```
var boxColors = dreamweaver.getBlockVisBoxModelColors();
if ((boxColors[0] != "#FFFFFF") || (boxColors[1] != "#FFFFFF")){
    currentDOM.setBlockVisBoxModelColors("#FFFFFF", "#FFFFFF");
}
```

## **dreamweaver.getBlockVisOutlineProperties()**

**Availability**

Dreamweaver 8.

**Description**

This function gets the outline properties for the block visualization visual aids.

**Arguments**

*forWhat*

- The *forWhat* argument, which is required, is a string. Possible values are "divs", "selectedDiv", or "layers". If the *forWhat* argument is "divs", the function returns the properties used for the visual aid that outlines all layout blocks. If *forWhat* is "selectedDiv", the function returns the property used for the visual aid that outlines selected layout blocks. The *layers* value specifies layers.

**Returns**

An array of strings that contains three strings:

- `color`, which is the hexadecimal value of the RGB color, in the form #RRGGBB
- `width`, which indicates the width in pixels
- `style`, which is "SOLID", "DOTTED", "DASHED", or "OUTSET"

**Example**

The following example gets the outline properties for "divs" and makes the outline style "SOLID":

```
var outlineStyle = dw.getBlockVisOutlineProperties("divs");
if (outlineStyle[2] != "SOLID"){
    dw.setBlockVisOutlineProperties("divs", outlineStyle[0], outlineStyle[1], "SOLID");
}
```

## **dreamweaver.getDivBackgroundColors()**

**Availability**

Dreamweaver 8.

**Description**

This function gets the colors used by the Layout Block Backgrounds visual aid.

**Arguments**

None.

**Returns**

An array of strings that contains the 16 colors, with each color represented by the hexadecimal value of the RGB color, in the form #RRGGBB.

**Example**

The following example gets the background colors used by the Layout Block Backgrounds visual aid:

```
var backgroundColors = dreamweaver.getDivBackgroundColors();
```

## **dreamweaver.setBlockVisOutlineProperties()**

**Availability**

Dreamweaver 8.

**Description**

This function sets the outline properties for the block visualization visual aids.

**Arguments**

*forWhat, color, width, {style}*

- The *forWhat* argument, which is required, is a string that specifies for what the specified color and width are used. Possible values are "divs", "selectedDiv", or "layers". If the value is "layers", the specified color and width are used to outline all layers when the Layout Block Outlines visual aid is on. If the value is "divs", the *color* and *width* arguments are used to outline all divs and other layout blocks. If the value is "selectedDiv", the *color* and *width* arguments are used to outline any div or layout block that is selected.
- The *color* argument, which is required, is a string that contains the hexadecimal value that indicates the RGB color in the form #RRGGBB.
- The *width* argument, which is required, is an integer that indicates the outline width, in pixels.
- The *style* argument, which is optional, is a string that indicates the style of the outline. Possible values are "SOLID", "DOTTED", "DASHED", and "OUTSET". The "OUTSET" value is applicable to layers only. This argument is ignored when the *forWhat* argument's value is "selectedDiv".

**Returns**

Nothing.

**Example**

See "[dreamweaver.getBlockVisOutlineProperties\(\)](#)" on page 391.

## **dreamweaver.setDivBackgroundColors()**

**Availability**

Dreamweaver 8.

**Description**

This function sets the colors used by the Layout Block Backgrounds visual aid.

**Arguments**

*colors*

- The *colors* argument, which is required, is an array of strings that contains all the colors, represented as hexadecimal values in the form #RRGGBB. The array must contain 16 colors.

**Returns**

Nothing.

**Example**

The following example makes sure there are no more than 16 colors specified as div background colors and, if so, sets the colors used as background colors to shades of gray:

```
var currentDOM = dw.getDocumentDOM();
var divColors = currentDOM.getDivBackgroundColors("divs");
var shadesOfGray = new Array("#000000", "#111111", "#222222", "#333333", -
    "#444444", "#555555", "#666666", "#777777", "#888888", "#999999", -
    "#AAAAAA", "#BBBBBB", "#CCCCCC", "#DDDDDD", "#EEEEEE", "#FFFFFF"] -
var howManyColors = divColors.length;
if howManyColors <= 16{
    for (var i = 0; i < howManyColors; i++)
    {
        currentDOM.setDivBackgroundColors("divs", shadeOfGray[i]);
    }
}
```

## **dreamweaver.getSelectedStyleIsDisabled()**

### **Availability**

Dreamweaver CS5.

### **Description**

This function gets the state of the selected style whether or not the selected CSS declaration is disabled.

The Disable/Enable CSS Property feature lets you comment out portions of CSS from the CSS Styles panel, without having to make changes directly in the code. When you comment out portions of the CSS, you can see what kinds of effects particular properties and values have on your page. When you disable a CSS property, Dreamweaver adds CSS comment tags and a [disabled] label to the CSS property you've disabled.

For more information, see Disable/Enable CSS.

### **Arguments**

None.

### **Returns**

A Boolean: true if the selected style is disabled.

## **dreamweaver.setSelectedStyleIsDisabled()**

### **Availability**

Dreamweaver CS5.

### **Description**

This function sets the state of the selected style.

### **Arguments**

A Boolean value to enable or disable the selected style. Specify true to disable the selected style.

### **Returns**

None.

## **dreamweaver.deleteAllDisabled()**

### **Availability**

Dreamweaver CS5.

### **Description**

This function deletes all disabled declarations in the selected CSS rule.

### **Arguments**

None.

### **Returns**

None.

## **dreamweaver.enableAllDisabled()**

### **Availability**

Dreamweaver CS5.

### **Description**

This function enables all the disabled declarations in the selected CSS rule.

### **Arguments**

None.

### **Returns**

None.

## **dreamweaver.canDisableSelectedStyle()**

### **Availability**

Dreamweaver CS5.

### **Description**

This function checks the current selection to determine whether the selected style can be disabled.

### **Arguments**

*pane*. A string that represents the pane. This argument is optional. The possible values are:

- `styleList` - All Rules pane in All mode. This is the default value.
- `summary` - The Summary pane in the Current mode.
- `cascade` - The Rules pane in the Current mode.
- `ruleInspector` - The Properties pane in All mode or Current mode.

For more information on the modes of the CSS Styles panel, see CSS Styles panel.

**Returns**

A Boolean value: `true` if the selected style can be disabled.

## **dreamweaver.canDeleteAllDisabled()**

**Availability**

Dreamweaver CS5.

**Description**

This function checks the current selection in the panel to determine whether the function “[“dreamweaver.deleteAllDisabled\(\)” on page 395](#) can be performed.

**Arguments**

*pane*. A string that represents the pane. This argument is optional. The possible values are same as specified in the “[“dreamweaver.canDisableSelectedStyle\(\)” on page 395](#) function.

**Returns**

A Boolean: `true` if the command is available for use.

## **dreamweaver.canEnableAllDisabled()**

**Availability**

Dreamweaver CS5.

**Description**

This function checks the current selection in the panel to determine whether the function “[“dreamweaver.enableAllDisabled\(\)” on page 395](#) can be performed.

**Arguments**

*pane*. A string that represents the pane. This argument is optional. The possible values are same as specified in the “[“dreamweaver.canDisableSelectedStyle\(\)” on page 395](#) function.

**Returns**

A Boolean: `true` if the command is available for use.

# **Frame and frameset functions**

Frame and frameset functions handle two tasks: getting the names of the frames in a frameset and splitting a frame in two.

## **dom.getFrameNames()**

**Availability**

Dreamweaver 3.

**Description**

Gets a list of all the named frames in the frameset.

**Arguments**

None.

**Returns**

An array of strings where each string is the name of a frame in the current frameset. Any unnamed frames are skipped. If none of the frames in the frameset is named, an empty array returns.

**Example**

For a document that contains four frames (two of which are named), a call to the `dom.getFrameNames()` function might return an array that contains the following strings:

- "navframe"
- "main\_content"

## **dom.isDocumentInFrame()**

**Availability**

Dreamweaver 4.

**Description**

Identifies whether the current document is being viewed inside a frameset.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the document is in a frameset; `false` otherwise.

## **dom.saveAllFrames()**

**Availability**

Dreamweaver 4.

**Description**

If a document is a frameset or is inside a frameset, this function saves all the frames and framesets from the Document window. If the specified document is not in a frameset, this function saves the document. This function opens the Save As dialog box for any documents that have not been previously saved.

**Arguments**

None.

**Returns**

Nothing.

## dom.splitFrame()

### Availability

Dreamweaver 3.

### Description

Splits the selected frame vertically or horizontally.

### Arguments

*splitDirection*

- The *splitDirection* argument is a string that must specify one of the following directions: "up", "down", "left", or "right".

### Returns

Nothing.

### Enabler

See “[dom.canSplitFrame\(\)](#)” on page 496.

## Layer and image map functions

Layer and image map functions handle aligning, resizing, and moving layers and image map hotspots. The function description indicates if it applies to layers or to hotspots.

## dom.align()

### Availability

Dreamweaver 3.

### Description

Aligns the selected layers or hotspots left, right, top, or bottom.

### Arguments

*alignDirection*

- The *alignDirection* argument is a string that specifies the edge to align with the layers or hotspots ("left", "right", "top", or "bottom").

### Returns

Nothing.

### Enabler

See “[dom.canAlign\(\)](#)” on page 487.

## dom.arrange()

### Availability

Dreamweaver 3.

### Description

Moves the selected hotspots in the specified direction.

### Arguments

*toBackOrFront*

- The *toBackOrFront* argument is the direction in which the hotspots must move, either front or back.

### Returns

Nothing.

### Enabler

See “[dom.canArrange\(\)](#)” on page 488.

## dom.makeSizesEqual()

### Availability

Dreamweaver 3.

### Description

Makes the selected layers or hotspots equal in height, width, or both. The last layer or hotspot selected is the guide.

### Arguments

*bHoriz*, *bVert*

- The *bHoriz* argument is a Boolean value that indicates whether to resize the layers or hotspots horizontally.
- The *bVert* argument is a Boolean value that indicates whether to resize the layers or hotspots vertically.

### Returns

Nothing.

## dom.moveSelectionBy()

### Availability

Dreamweaver 3.

### Description

Moves the selected layers or hot spots by the specified number of pixels horizontally and vertically.

**Arguments***x, y*

- The *x* argument is the number of pixels that the selection must move horizontally.
- The *y* argument is the number of pixels that the selection must move vertically.

**Returns**

Nothing.

**dom.resizeSelectionBy()****Availability**

Dreamweaver 3.

**Description**

Resizes the currently selected layer or hotspot.

**Arguments***left, top, bottom, right*

- The *left* argument is the new position of the left boundary of the layer or hotspot.
- The *top* argument is the new position of the top boundary of the layer or hotspot.
- The *bottom* argument is the new position of the bottom boundary of the layer or hotspot.
- The *right* argument is the new position of the right boundary of the layer or hotspot.

**Returns**

Nothing.

**Example**

If the selected layer has the Left, Top, Width, and Height properties shown, calling `dw.getDocumentDOM().resizeSelectionBy(10,30,30,10)` -- is equivalent to resetting Left to 40, Top to 20, Width to 240, and Height to 240.

**dom.setLayerTag()****Availability**

Dreamweaver 3.

**Description**

Specifies the HTML tag that defines the selected layer or layers.

**Arguments***tagName*

- The *tagName* argument must be "layer", "ilayer", "div", or "span".

**Returns**

Nothing.

## Layout environment functions

Layout environment functions handle operations that are related to the settings for working on a document. They affect the source, position, and opacity of the tracing image; get and set the ruler origin and units; turn the grid on and off and change its settings; and start or stop playing plug-ins.

### **dom.getRulerOrigin()**

**Availability**

Dreamweaver 3.

**Description**

Gets the origin of the ruler.

**Arguments**

None.

**Returns**

An array of two integers. The first array item is the *x* coordinate of the origin, and the second array item is the *y* coordinate of the origin. Both values are in pixels.

### **dom.getRulerUnits()**

**Availability**

Dreamweaver 3.

**Description**

Gets the current ruler units.

**Arguments**

None.

**Returns**

A string that contains one of the following values:

- "in"
- "cm"
- "px"

## **dom.getTracingImageOpacity()**

### **Availability**

Dreamweaver 3.

### **Description**

Gets the opacity setting for the document's tracing image.

### **Arguments**

None.

### **Returns**

A value between 0 and 100, or nothing if no opacity is set.

### **Enabler**

See “[dom.hasTracingImage\(\)](#)” on page 497.

## **dom.loadTracingImage()**

### **Availability**

Dreamweaver 3.

### **Description**

Opens the Select Image Source dialog box. If the user selects an image and clicks OK, the Page Properties dialog box opens with the Tracing Image field filled in.

### **Arguments**

None.

### **Returns**

Nothing.

## **dom.playAllPlugins()**

### **Availability**

Dreamweaver 3.

### **Description**

Plays all plug-in content in the document.

### **Arguments**

None.

### **Returns**

Nothing.

## dom.playPlugin()

**Availability**

Dreamweaver 3.

**Description**

Plays the selected plug-in item.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canPlayPlugin\(\)](#)” on page 494.

## dom.setRulerOrigin()

**Availability**

Dreamweaver 3.

**Description**

Sets the origin of the ruler.

**Arguments**

*xCoordinate, yCoordinate*

- The *xCoordinate* argument is a value, expressed in pixels, on the horizontal axis.
- The *yCoordinate* argument is a value, expressed in pixels, on the vertical axis.

**Returns**

Nothing.

## dom.setRulerUnits()

**Availability**

Dreamweaver 3.

**Description**

Sets the current ruler units.

**Arguments**

*units*

- The *units* argument must be "px", "in", or "cm".

**Returns**

Nothing.

## dom.setTracingImagePosition()

**Availability**

Dreamweaver 3.

**Description**

Moves the upper-left corner of the tracing image to the specified coordinates. If the arguments are omitted, the Adjust Tracing Image Position dialog box appears.

**Arguments**

*x, y*

- The *x* argument is the number of pixels that specify the horizontal coordinate.
- The *y* argument is the number of pixels that specify the vertical coordinate.

**Returns**

Nothing.

**Enabler**

See “[dom.hasTracingImage\(\)](#)” on page 497.

## dom.setTracingImageOpacity()

**Availability**

Dreamweaver 3.

**Description**

Sets the opacity of the tracing image.

**Arguments**

*opacityPercentage*

- The *opacityPercentage* argument must be a number between 0 and 100.

**Returns**

Nothing.

**Enabler**

See “[dom.hasTracingImage\(\)](#)” on page 497.

**Example**

The following code sets the opacity of the tracing image to 30%:

```
dw.getDocumentDOM().setTracingOpacity('30');
```

## **dom.snapTracingImageToSelection()**

### **Availability**

Dreamweaver 3.

### **Description**

Aligns the upper-left corner of the tracing image with the upper-left corner of the current selection.

### **Arguments**

None.

### **Returns**

Nothing.

### **Enabler**

See “[dom.hasTracingImage\(\)](#)” on page 497.

## **dom.stopAllPlugins()**

### **Availability**

Dreamweaver 3.

### **Description**

Stops all plug-in content that is currently playing in the document.

### **Arguments**

None.

### **Returns**

Nothing.

## **dom.stopPlugin()**

### **Availability**

Dreamweaver 3.

### **Description**

Stops the selected plug-in item.

### **Arguments**

None.

### **Returns**

A Boolean value that indicates whether the selection is currently being played with a plug-in.

**Enabler**

See “[dom.canStopPlugin\(\)](#)” on page 496.

## **dreamweaver.arrangeFloatingPalettes()**

**Availability**

Dreamweaver 3.

**Description**

Moves the visible floating panels to their default positions.

**Arguments**

None.

**Returns**

Nothing.

## **dreamweaver.showGridSettingsDialog()**

**Availability**

Dreamweaver 3.

**Description**

Opens the Grid Settings dialog box.

**Arguments**

None.

**Returns**

Nothing.

# **Layout view functions**

Layout view functions handle operations that change the layout elements within a document. They affect table, column, and cell settings, including position, properties, and appearance.

## **dom.getClickedHeaderColumn()**

**Availability**

Dreamweaver 4.

**Description**

If the user clicks a menu button in the header of a table in Layout view and causes the table header menu to appear, this function returns the index of the column that the user clicked. The result is undefined if the table header menu is not visible.

**Arguments**

None.

**Returns**

An integer that represents the index of the column.

## **dom.getShowLayoutTableTabs()**

**Availability**

Dreamweaver 4.

**Description**

Determines whether the current document shows tabs for layout tables in Layout view.

**Arguments**

None.

**Returns**

Returns `true` if the current document displays tabs for layout tables in Layout view; `false` otherwise.

## **dom.getShowLayoutView()**

**Availability**

Dreamweaver 4.

**Description**

Determines the view for the current document; either Layout or Standard view.

**Arguments**

None.

**Returns**

Returns `true` if the current document is in Layout view; `false` if the document is in Standard view.

## **dom.getShowBlockBackgrounds()**

**Availability**

Dreamweaver 8.

**Description**

This function gets the state of the visual aid that forces background coloring for all blocks or divs.

**Arguments**

*allblocks*

- The *allblocks* argument, which is required, is a Boolean value. Set the value to `true` to apply to div tags only. Set the value to `false` to apply to all block elements.

**Returns**

A Boolean value. If `true`, backgrounds are being forced; if `false`, backgrounds are not being forced.

**Example**

The following example checks whether the background coloring for all blocks is being forced, and if not, forces background coloring for all blocks.:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.getShowBlockBackgrounds(false) == false) {
    currentDOM.setShowBlockBackgrounds(true);
}
```

## dom.getShowBlockBorders()

**Availability**

Dreamweaver 8.

**Description**

This function gets the state of the visual aid that draws borders for all blocks or all divs.

**Arguments**

*allblocks*

- The *allblocks* argument, which is required, is a Boolean value. Set the value to `true` to get the state for div tags only. Set the value to `false` to get the state for all block elements.

**Returns**

A Boolean value; if `true`, borders are displayed; if `false`, borders are not displayed.

**Example**

The following example checks whether the block borders visual aid is on and, if not, turns it on:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.getShowBlockBorders(false) == false) {
    currentDOM.setShowBlockBorders(true);
}
```

## dom.getShowBlockIDs()

### Availability

Dreamweaver 8.

### Description

This function gets the state of the visual aid that displays ID and class information for all blocks or divs.

### Arguments

*allblocks*

- The *allblocks* argument, which is required, is a Boolean value. Set the value to `true` to display ID and class for div tags only. Set the value to `false` to display the ID and class for all block elements.

### Returns

A Boolean value: If `true`, IDs are displayed; if `false` IDs are not displayed.

### Example

The following example checks whether the block IDs are displayed and, if not, displays them:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.getShowBlockIDs(false) == false){
    currentDOM.setShowBlockIDs(true);
}
```

## dom.getShowBoxModel()

### Availability

Dreamweaver 8.

### Description

This function turns on and off the visual aid that colors the full box model for the selected block.

### Arguments

None.

### Returns

Nothing.

### Example

The following example checks whether the full box model for the selected box is displayed in color, and, if not, colors it:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.getShowBoxModel() == false){
    currentDOM.setShowBoxModel(true);
}
```

## dom.setShowBlockBackgrounds()

### Availability

Dreamweaver 8.

### Description

This function turns on and off the visual aid that forces background coloring for all blocks or all divs.

### Arguments

*allblocks*

- The *allblocks* argument, which is required, is a Boolean value. Set the value to `true` to apply background coloring to div tags only. Set the value to `false` to apply background coloring to all block elements.

### Returns

Nothing.

### Example

See “[dom.getShowBlockBackgrounds\(\)](#)” on page 407.

## dom.setShowBlockBorders()

### Availability

Dreamweaver 8.

### Description

This function turns on or off the visual aid that draws borders for all blocks or divs.

### Arguments

*allblocks*

- The *allblocks* argument, which is required, is a Boolean value. Set the value to `true` to apply borders to div tags only. Set the value to `false` to apply borders to all block elements.

### Returns

Nothing.

### Example

See “[dom.getShowBlockBorders\(\)](#)” on page 408.

## dom.setShowBlockIDs()

### Availability

Dreamweaver 8.

### Description

This function turns on or off the visual aid that displays the ID and class for all blocks or divs.

**Arguments**

*allblocks*

- The *allblocks* argument, which is required, is a Boolean value. Set the value to `true` to display the ID and class for `div` tags only. Set the value to `false` to display the ID and class for all block elements.

**Returns**

Nothing.

**Example**

See “[dom.getShowBlockIDs\(\)](#)” on page 409.

## dom.setShowBoxModel()

**Availability**

Dreamweaver 8.

**Description**

This function sets the state of the visual aid that colors the full box model for the selected block.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the box model is displayed; `false` if the box model is not displayed.

**Example**

See “[dom.getShowBoxModel\(\)](#)” on page 409.

## dom.setShowLayoutTableTabs()

**Availability**

Dreamweaver 4.

**Description**

Sets the current document to display tabs for layout tables whenever it's in Layout view. This function does not force the document into Layout view.

**Arguments**

*bShow*

- The *bShow* argument indicates whether to display tabs for layout tables when the current document is in Layout view. If *bShow* is `true`, Dreamweaver displays tabs; if *bShow* is `false`, Dreamweaver does not display tabs.

**Returns**

Nothing.

## dom.setShowLayoutView()

### Availability

Dreamweaver 4.

### Description

Places the current document in Layout view if *bShow* is `true`.

### Arguments

*bShow*

- The *bShow* argument is a Boolean value that toggles the current document between Layout view and Standard view. If *bShow* is `true`, the current document is in Layout view; if *bShow* is `false`, the current document is in Standard view.

### Returns

Nothing.

# Resolution management functions

## dreamweaver.canFitSize()

### Availability

Dreamweaver CS5.5.

### Description

Checks whether there is a selection in an active Design view. If there is a selection, `fitAll()` and `fitWidth()` can be called.

### Arguments

None

### Returns

A boolean value: `true` if there is an active Design view; `false` if otherwise.

## dom.getViewSizeMenuItems()

### Availability

Dreamweaver CS5.5.

### Description

Returns a string array for the Design view or Live view size menu, which include preset user-defined sizes and Media Queries with sizing info.

### Arguments

None.

**Returns**

A string array.

## **dom.isViewSizeMenuItemChecked()**

**Availability**

Dreamweaver CS5.5.

**Description**

Used to select an option from the list of menu options obtained from “[dom.getViewSizeMenuItems\(\)](#)” on page 412.

**Arguments**

Zero based index for the menu option.

**Returns**

A boolean value: true, if the item is enabled.

## **dom.isViewSizeMenuItemEnabled()**

**Availability**

Dreamweaver CS5.5.

**Description**

Used to enable or disable View size menu options obtained from “[dom.getViewSizeMenuItems\(\)](#)” on page 412.

**Arguments**

Zero based index for the menu option.

**Returns**

A Boolean value - true for enabled, false for disabled.

## **dom.isViewSizeMenuItemEnabled()**

**Availability**

Dreamweaver CS5.5.

**Description**

Used to enable or disable View size menu options obtained from `dom.getViewSizeMenuItems()`.

**Arguments**

Zero based index for the menu item.

**Returns**

A Boolean value - true for enabled, false for disabled.

# Media Query

## **dw.mediaQueryListToJson(strMediaQueryList)**

### **Availability**

Dreamweaver CS5.5.

### **Description**

Parses a Media Query List string and returns a JSON string to the caller.

### **Arguments**

**strMediaQueryList** A string that is a Media Query list, similar to the media attribute of a link tag.

### **Returns**

A JSON string that represents the parsed Media Query List. The caller can inspect this string and/or call eval to convert it into a JavaScript object.

If an error is encountered while parsing, the caller can use errorStr, a JSON object, for testing. If this property is non-existent or empty, there will be no error. When the parsing succeeds, the JSON object will have property called mediaQueryList, which is an array.

### **Example**

```
var strJSON = dw.mediaQueryListToJson('only screen and (min-width:769px)');
//strJSON is now:
{ mediaQueryList : [ { restrictor : 'only',
                      mediaType : 'screen',
                      mediaFeatures : [ { feature : 'width', comparisonType : 'min', value
: '769px' } ] }
],
errorStr : ''
}
```

## **site.getMediaQueryFile()**

### **Availability**

Dreamweaver CS5.5.

### **Description**

Provides the location of the site-wide media query file for the current site. For example, C:\Documents and Settings\username\My Documents\dw sites\slash site\css\devices.css.

### **Returns**

String with full path of the SWMQF.

## site.setMediaQueryFile()

### Availability

Dreamweaver CS5.5.

### Description

Sets site-wide media query file for the current site.

### Returns

None

## dom.collectMediaQueries()

### Availability

Dreamweaver CS5.5.

### Description

Gets Media Query info (css, Media Query, description/comment, offsets) on the document.

### Returns

Array of strings.

### Example

```
{ type: 'link', offsets: {start: 109, end: 213}, desc: 'for phone', descOffsets: {start: 89, end: 107}, mq: 'only screen and (max-width:320px)', css: 'phone.css' }, { type: 'link', offsets: {start: 236, end: 364}, desc: 'for tablet', descOffsets: {start: 215, end: 234}, mq: 'only screen and (min-width:3210px) and (max-width:700px)', css: 'tablet.css' }
```

## Zoom functions

Zoom functions zoom in and out in Design view.

## dreamweaver.activeViewScale()

### Availability

Dreamweaver 8.

### Description

The `activeViewScale` property gets or sets a mutable floating-point. When you get the value, Dreamweaver returns the scale of the active view as it appears in the Zoom combo box, divided by 100. For example, 100% is 1.0; 50% is 0.5, and so on. When you set the value, Dreamweaver sets the value in the Zoom combo box. The value can be between 0.06 and 64.00, which correspond to 6% and 6400%.

**Example**

The following example gets the value of the scale of current view. It also zooms in if it can and if the scale is less than or equal to 100%:

```
if (canZoom() && dreamweaver.activeViewScale <= 1.0) {  
    zoomIn();  
}
```

The following example sets the value of the scale of current view to 50%:

```
dreamweaver.activeViewScale = 0.50;
```

## **dreamweaver.fitAll()**

**Availability**

Dreamweaver 8.

**Description**

This function zooms in or out so that the entire document fits in the currently visible portion of the Design view.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canZoom\(\)](#)” on page 505.

**Example**

```
if (canZoom()) {  
    fitAll();  
}
```

## **dreamweaver.fitSelection()**

**Availability**

Dreamweaver 8.

**Description**

This function zooms in or out so that the current selection fits in the currently visible portion of the Design view.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canFitSelection\(\)](#)” on page 500.

**Example**

```
if (canFitSelection()) {
    fitSelection();
}
```

## **dreamweaver.fitWidth()**

**Availability**

Dreamweaver 8.

**Description**

This function zooms in or out so that the entire document width fits in the currently visible portion of the Design view.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canZoom\(\)](#)” on page 505.

**Example**

```
if (canZoom()) {
    fitWidth();
}
```

## **dreamweaver.zoomIn()**

**Availability**

Dreamweaver 8.

**Description**

This function zooms in on the currently active Design view or Live view. The zoom level is the next preset value in the Magnification menu. If there is no next preset value, this function does nothing.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canZoom\(\)](#)” on page 505.

**Example**

```
if (canZoom()) {  
    zoomIn();  
}
```

## **dreamweaver.zoomOut()**

**Availability**

Dreamweaver 8.

**Description**

This function zooms out on the currently active Design view or Live view. The zoom level is the next preset value in the Magnification menu. If there is no next preset value, this function does nothing.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canZoom\(\)](#)” on page 505.

**Example**

```
if (canZoom()) {  
    zoomOut();  
}
```

# **Guide functions and properties**

Guide functions and properties let you display, manipulate, and delete guides that let users measure and lay out elements on their HTML pages.

## **dom.clearGuides()**

**Availability**

Dreamweaver 8.

**Description**

This function determines whether to delete all guides in the document.

**Arguments**

None.

**Returns**

Nothing.

**Example**

The following example deletes all guides in the document if the document has at least one guide:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.hasGuides() == true) {
    currentDOM.clearGuides();
}
```

## dom.createHorizontalGuide()

**Availability**

Dreamweaver 8.

**Description**

This function creates a horizontal guide at the current location in the document.

**Arguments**

*location*

- The *location* argument is the location of the guide with both the value and units as one string, with no space between the value and units. The possible units are "px" for pixels and "%" for percentage. For example, to specify 10 pixels, `location = "10px";` to specify 50 percent, `location = "50%".`

**Returns**

Nothing.

**Example**

The following example creates a horizontal guide in the document at the current location:

```
var currentDOM = dw.getDocumentDOM();
currentDOM.createHorizontalGuide("10px");
```

## dom.createVerticalGuide()

**Availability**

Dreamweaver 8.

**Description**

This function creates a vertical guide at the current location in the document.

**Arguments***location*

- The *location* argument is the location of the guide with both the value and units as one string, with no space between the value and units. The possible units are "px" for pixels and "%" for percentage. For example, to specify 10 pixels, `location = "10px";` to specify 50 percent, `location = "50%".`

**Returns**

Nothing.

**Example**

The following example creates a vertical guide in the document at the current location:

```
var currentDOM = dw.getDocumentDOM();
currentDOM.createVerticalGuide("10px");
```

**dom.deleteHorizontalGuide()****Availability**

Dreamweaver 8.

**Description**

This function deletes the horizontal guide at the specified location.

**Arguments***location*

- The *location* argument is a string that represents the location in the document to test, with both the value and units as one string, with no space between the value and units. The possible units are "px" for pixels and "%" for percentage. For example, to specify 10 pixels, `location = "10px";` to specify 50 percent, `location = "50%".`

**Returns**

Nothing.

**Example**

The following example deletes the horizontal guide at the specified location in the document:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.hasHorizontalGuide("10px") == true) {
    currentDOM.deleteHorizontalGuide("10px");
}
```

**dom.deleteVerticalGuide()****Availability**

Dreamweaver 8.

**Description**

This function deletes the vertical guide at the specified location.

**Arguments***location*

- The *location* argument is a string that represents the location in the document to test, with both the value and units as one string, with no space between the value and units. The possible units are "px" for pixels and "%" for percentage. For example, to specify 10 pixels, `location = "10px"`; to specify 50 percent, `location = "50%"`.

**Returns**

Nothing.

**Example**

The following example deletes the vertical guide at the specified location in the document:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.hasVerticalGuide("10px") == true) {
    currentDOM.deleteVerticalGuide("10px");
}
```

## dom.guidesColor

**Availability**

Dreamweaver 8.

**Description**

This mutable color property determines the color of guides in the document. You can set and get this property.

**Arguments**

None.

**Returns**

Nothing.

**Example**

The following example makes guides gray:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.guidesColor != "#444444") {
    currentDOM.guidesColor = "#444444";
}
```

## dom.guidesDistanceColor

**Availability**

Dreamweaver 8.

**Description**

This mutable color property determines the distance feedback color of guides in the document. You can set and get this property.

**Arguments**

None.

**Returns**

Nothing.

**Example**

The following example makes the distance feedback color of guides gray:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.guidesDistanceColor != "#CCCCCC") {
    currentDOM.guidesDistanceColor = "#CCCCCC";
}
```

## **dom.guidesLocked**

**Availability**

Dreamweaver 8.

**Description**

This mutable Boolean property determines whether guides are locked in the document. You can set and get this property.

**Arguments**

None.

**Returns**

Nothing.

**Example**

The following example locks guides if they are not locked:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.guidesLocked == false) {
    currentDOM.guidesLocked = true;
}
```

## **dom.guidesSnapToElements**

**Availability**

Dreamweaver 8.

**Description**

This mutable Boolean property determines whether guides snap to elements in the document. You can set and get this property.

**Arguments**

None.

**Returns**

Nothing.

**Example**

The following example makes guides in the document snap to elements:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.guidesSnapToElements == false) {
    currentDOM.guidesSnapToElements = true;
}
```

## **dom.guidesVisible**

**Availability**

Dreamweaver 8.

**Description**

This mutable Boolean property determines whether guides are visible in the document. You can set and get this property.

**Arguments**

None.

**Returns**

Nothing.

**Example**

The following example turns guides on if they are not visible:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.guidesVisible == false) {
    currentDOM.guidesVisible = true;
}
```

## **dom.hasGuides()**

**Availability**

Dreamweaver 8.

**Description**

This function determines whether the document has at least one guide. You can set and get this property.

**Arguments**

None.

**Returns**

Nothing.

**Example**

The following example deletes all guides in the document if the document has at least one guide:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.hasGuides() == true) {
    currentDOM.clearGuides();
}
```

## dom.hasHorizontalGuide()

**Availability**

Dreamweaver 8.

**Description**

This function determines whether the document has a horizontal guide at the specified location.

**Arguments**

*location*

- The *location* argument is a string that represents the location in the document to test, with both the value and units as one string, with no space between the value and units. The possible units are "px" for pixels and "%" for percentage. For example, to specify 10 pixels, `location = "10px"`; to specify 50 percent, `location = "50%"`.

**Returns**

A Boolean value: `true` if there is a horizontal guide at the location; `false` otherwise.

**Example**

The following example deletes all guides in the document if the document has a horizontal guide at the specified location:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.hasHorizontalGuide("10px") == true) {
    currentDOM.clearGuides();
}
```

## dom.hasVerticalGuide()

**Availability**

Dreamweaver 8.

**Description**

This function determines whether the document has a vertical guide at the current location.

**Arguments**

*location*

- The *location* argument is a string that represents the location in the document to test, with both the value and units as one string, with no space between the value and units. The possible units are "px" for pixels and "%" for percentage. For example, to specify 10 pixels, `location = "10px"`; to specify 50 percent, `location = "50%"`.

**Returns**

A Boolean value: `true` if there is a vertical guide at the location; `false` otherwise.

**Example**

The following example deletes all guides in the document if the document has a vertical guide at the specified location:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.hasVerticalGuide("10px") == true) {
    currentDOM.clearGuides();
}
```

## **dom.snapToGuides**

**Availability**

Dreamweaver 8.

**Description**

This mutable Boolean property determines whether elements snap to guides in the document. You can set and get this property.

**Arguments**

None.

**Returns**

Nothing.

**Example**

The following example makes elements in the document snap to guides:

```
var currentDOM = dw.getDocumentDOM();
if (currentDOM.snapToGuides == false) {
    currentDOM.snapToGuides = true;
}
```

## **Table editing functions**

Table functions add and remove table rows and columns, change column widths and row heights, convert measurements from pixels to percents and back, and perform other standard table-editing tasks.

### **dom.convertWidthsToPercent()**

**Availability**

Dreamweaver 3.

**Description**

This function converts all `WIDTH` attributes in the current table from pixels to percentages.

**Arguments**

None.

**Returns**

Nothing.

**dom.convertWidthsToPixels()****Availability**

Dreamweaver 4.

**Description**

This function converts all `WIDTH` attributes in the current table from percentages to pixels.

**Arguments**

None.

**Returns**

Nothing.

**dom.decreaseColspan()****Availability**

Dreamweaver 3.

**Description**

This function decreases the column span by one.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canDecreaseColspan\(\)](#)” on page 490.

**dom.decreaseRowspan()****Availability**

Dreamweaver 3.

**Description**

This function decreases the row span by one.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canDecreaseRowspan\(\)](#)” on page 490.

## **dom.deleteTableColumn()**

**Availability**

Dreamweaver 3.

**Description**

This function removes the selected table column or columns.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canDeleteTableColumn\(\)](#)” on page 490.

## **dom.deleteTableRow()**

**Availability**

Dreamweaver 3.

**Description**

This function removes the selected table row or rows.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canDeleteTableRow\(\)](#)” on page 491 .

## dom.doDeferredTableUpdate()

### Availability

Dreamweaver 3.

### Description

If the Faster Table Editing option is selected in the General preferences, this function forces the table layout to reflect recent changes without moving the selection outside the table. This function has no effect if the Faster Table Editing option is not selected.

### Arguments

None.

### Returns

Nothing.

## dom.getShowTableWidths()

### Availability

Dreamweaver MX 2004, and updated in CS4.

### Description

Returns whether table widths appear in standard or expanded tables mode. For information on whether Dreamweaver displays table tabs in Layout mode, see “[dom.getShowLayoutTableTabs\(\)](#)” on page 407.

### Arguments

None.

### Returns

A Boolean value: `true` if Dreamweaver shows table widths in standard or expanded tables mode; `false` otherwise.

## dom.getTableExtent()

### Availability

Dreamweaver 3.

### Description

This function gets the number of columns and rows in the selected table.

### Arguments

None.

### Returns

An array that contains two whole numbers. The first array item is the number of columns, and the second array item is the number of rows. If no table is selected, nothing returns.

## dom.increaseColspan()

**Availability**

Dreamweaver 3.

**Description**

This function increases the column span by one.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canIncreaseColspan\(\)](#)” on page 491.

## dom.increaseRowspan()

**Availability**

Dreamweaver 3.

**Description**

This function increases the row span by one.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canIncreaseRowspan\(\)](#)” on page 492.

## dom.insertTableColumns()

**Availability**

Dreamweaver 3.

**Description**

This function inserts the specified number of table columns into the current table.

**Arguments**

*numberOfCols*, *bBeforeSelection*

- The *numberOfCols* argument is the number of columns to insert.

- The *bBeforeSelection* argument is a Boolean value: `true` indicates that the columns should be inserted before the column that contains the selection; `false` otherwise.

**Returns**

Nothing.

**Enabler**

See “[dom.canInsertTableColumns\(\)](#)” on page 492.

## **dom.insertTableRows()**

**Availability**

Dreamweaver 3.

**Description**

This function inserts the specified number of table rows into the current table.

**Arguments**

*numberOfRows*, *bBeforeSelection*

- The *numberOfRows* argument is the number of rows to insert.
- The *bBeforeSelection* argument is a Boolean value: `true` indicates that the rows should be inserted above the row that contains the selection; `false` otherwise.

**Returns**

Nothing.

**Enabler**

See “[dom.canInsertTableRows\(\)](#)” on page 492.

## **dom.mergeTableCells()**

**Availability**

Dreamweaver 3.

**Description**

This function merges the selected table cells.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canMergeTableCells\(\)](#)” on page 493.

## **dom.removeAllTableHeights()**

### **Availability**

Dreamweaver 3.

### **Description**

This function removes all `HEIGHT` attributes from the selected table.

### **Arguments**

None.

### **Returns**

Nothing.

## **dom.removeAllTableWidths()**

### **Availability**

Dreamweaver 3.

### **Description**

This function removes all `WIDTH` attributes from the selected table.

### **Arguments**

None.

### **Returns**

Nothing.

## **dom.removeColumnWidth()**

### **Availability**

Dreamweaver MX 2004.

### **Description**

This function removes all `WIDTH` attributes from a single, selected column.

### **Arguments**

None.

### **Returns**

Nothing.

## dom.selectTable()

**Availability**

Dreamweaver 3.

**Description**

Selects an entire table.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canSelectTable\(\)](#)” on page 495.

## dom.setShowTableWidths()

**Availability**

Dreamweaver MX 2004, updated in CS4.

**Description**

Toggles the display of table widths on and off in standard or Expanded Tables mode. This function sets the value for the current document and any future document unless otherwise specified. For information on setting the display of table tabs in Layout mode, see “[dom.setShowLayoutTableTabs\(\)](#)” on page 411.

**Arguments**

*bShow*

- The *bShow* is a Boolean argument that indicates whether to display table widths for tables when the current document is in Standard or Expanded Tables mode. If *bShow* is `true`, Dreamweaver displays the widths. If *bShow* is `false`, Dreamweaver does not display the widths.

**Returns**

Nothing.

## dom.setTableCellTag()

**Availability**

Dreamweaver 3.

**Description**

This function specifies the tag for the selected cell.

**Arguments***tdOrTh*

- The *tdOrTh* argument must be either "td" or "th".

**Returns**

Nothing.

**dom.setTableColumns()****Availability**

Dreamweaver 3.

**Description**

This function sets the number of columns in the selected table.

**Arguments***numberOfCols*

- The *numberOfCols* argument specifies the number of columns to set in the table.

**Returns**

Nothing.

**dom.setTableRows()****Availability**

Dreamweaver 3.

**Description**

This function sets the number of rows in the selected table.

**Arguments***numberOfRows*

- The *numberOfRows* argument specifies the number of rows to set in the selected table.

**Returns**

Nothing.

**dom.showInsertTableRowsOrColumnsDialog()****Availability**

Dreamweaver 3.

**Description**

This function opens the Insert Rows or Columns dialog box.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dom.canInsertTableColumns\(\)](#)” on page 492 or “[dom.canInsertTableRows\(\)](#)” on page 492.

## **dom.splitTableCell()**

**Availability**

Dreamweaver 3.

**Description**

This function splits the current table cell into the specified number of rows or columns. If one or both of the arguments is omitted, the Split Cells dialog box appears.

**Arguments**

*{colsOrRows}, {numberToSplitInto}*

- The *colsOrRows* argument, which is optional, must be either "columns" or "rows".
- The *numberToSplitInto* argument, which is optional, is the number of rows or columns into which the cell will be split.

**Returns**

Nothing.

**Enabler**

See “[dom.canSplitTableCell\(\)](#)” on page 496.

# Chapter 18: Code

The code functions let you perform operations on a document that appears in Code view. The operations include adding new menu or function tags to a code hints menu, finding and replacing string patterns, deleting the current selection from a document, printing all or selected code, editing tags, or applying syntax formatting to selected code.

## Code functions

Code Hints are menus that Adobe® Dreamweaver® CS5 opens when you type certain character patterns in Code view. Code Hints provide a typing shortcut by offering a list of strings that potentially complete the string you are typing. If the string you are typing appears in the menu, you can scroll to it and press Enter or Return to complete your entry. For example, when you type <, a pop-up menu shows a list of tag names. Instead of typing the rest of the tag name, you can select the tag from the menu to include it in your text.

You can add Code Hints menus to Dreamweaver by defining them in the CodeHints.xml file. For information on the CodeHints.xml file, see *Extending Dreamweaver*.

You can also add new Code Hints menus dynamically through JavaScript after Dreamweaver loads the contents of the CodeHints.xml file. For example, JavaScript code populates the list of session variables in the Bindings panel. You can use the same code to add a Code Hints menu. So, when a user types **Session** in Code view, Dreamweaver displays a menu of session variables.

The CodeHints.xml file and the JavaScript API expose a useful subset of the Code Hints engine, but some Dreamweaver functionality is not accessible. For example, Dreamweaver does not have a JavaScript hook to open a color picker, so it cannot express the Attribute Values menu using JavaScript. You can only open a menu of text items from which you can insert text.

Code Coloring lets you specify code color styles and to modify existing code coloring schemes or create new ones. You can specify code coloring styles and schemes by modifying the Colors.xml and code coloring scheme files. For more information on these files, see *Extending Dreamweaver*.

The JavaScript API for Code Hints and Code Coloring consists of the following functions.

### **dreamweaver.codeHints.addMenu()**

#### **Availability**

Dreamweaver MX.

#### **Description**

Dynamically defines a new `menu` tag in the CodeHints.xml file. If a menu tag with the same pattern and document type exists, this function adds items to the existing menu.

#### **Arguments**

```
menuGroupId, pattern, labelArray, {valueArray}, {iconArray}, {doctypes}, {casesensitive}, {object},  
{descriptionArray}, {dismissChars}, {allowWhitespacePrefix}, {restriction}, {type}, {bForcedOnly},  
{allowMultipleTimes}, {docURI}, {alias}
```

- The `menuGroupId` argument is the ID attribute for one of the `menugroup` tags.

- The *pattern* argument is the pattern attribute for the new `menu` tag.
- The *labelArray* argument is an array of strings. Each string is the text for a single menu item in the pop-up menu.
- The *valueArray* argument, which is optional, is an array of strings, which must be of the same length as the *labelArray* argument. When a user selects an item from the pop-up menu, the string in this array is inserted in the user document. If the string to be inserted is always the same as the menu label, this argument can have a `null` value.
- The *iconArray* argument, which is optional, is either a string or an array of strings. If it is a string, it specifies the URL for a single image file that Dreamweaver uses for all items in the menu. If it is an array of strings, it must be the same length as the *labelArray* argument. Each string is a URL, relative to the Dreamweaver Configuration folder, for an image file that Dreamweaver uses as an icon for the corresponding menu item. If this argument is a `null` value, Dreamweaver displays the menu without icons.
- The *doctypes* argument, which is optional, specifies that this menu is active for only certain document types. You can specify the *doctypes* argument as a comma-separated list of document type IDs. For a list of Dreamweaver document types, see the Dreamweaver Configuration/Documenttypes/MMDocumentTypes.xml file.
- The *casesensitive* argument, which is optional, specifies whether the pattern is case sensitive. The possible values for the *casesensitive* argument are the Boolean values `true` or `false`. The value defaults to `false` if you omit this argument. If the *casesensitive* argument is a `true` value, the Code Hints menu appears. This menu appears only if the text that the user types matches the pattern that the pattern attribute specifies. If the *casesensitive* argument is a `false` value, the menu appears even if the pattern is lowercase and the text is uppercase.
- The *object* argument specifies the name of the string. This argument is optional. It is used when the object is of type "static."
- The *descriptionArray* argument describes in detail the items that appear in code hints. This argument is optional.
- The *dismissChars* argument specifies the nonstandard characters that the user types to dismiss the Code Hints menu. This argument is optional.
- The *allowWhitespacePrefix* argument is a Boolean value that allows whitespace before the hint. This argument is optional and the default value is `false`.
- The *restriction* argument is a string. This argument is optional and if not specified it does not place any constraint. On a web page that contains both client-side and server-side languages, you can use this argument to restrict the use of code hints to one of the following:
  - A specific language section
  - A code block
- The *type* argument is used to define user interface menu types. This argument is optional and the default value is "Enumerated drop down UI." Other possible values are `color`, `font`, and `url`.
- The *bForcedOnly* is a Boolean value. If `true`, the Code Hints menu pops up only when the keyboard shortcut (Ctrl+Space) is used. This argument is optional and the default value is `false`.
- The *allowMultipleTimes* argument is a Boolean value. If `true`, it allows the same menu to pop up multiple times. This argument is optional and the default value is `false`.
- The *docURI* argument enables the user to constrain the code hints to a specific document by providing the document URI (native OS file path). This argument is optional and if the document URI is not specified, it does not impose any constraint.
- The *alias* argument enables the user to invoke code hints with an alternate pattern other than the one listed in pattern or classpattern argument. This argument is optional.

**Returns**

Nothing.

**Example**

If the user creates a recordset called "myRs", the following code would create a menu for myRS:

```
dw.codeHints.addMenu(
    "CodeHints_object_methods",           // menu is enabled if object methods are enabled
    "myRS.",                            // pop up menu if user types "myRS."
    new Array("firstName", "lastName"),   // items in pop-up menu for myRS
    new Array("firstName", "lastName"),   // text to actually insert in document
    null,                                // no icons for this menu
    "ASP_VB, ASP_JS");                  // specific to the ASP doc types
```

## **dreamweaver.codeHints.addFunction()**

**Availability**

Dreamweaver MX.

**Description**

Dynamically defines a new *function* tag. If there exists a *function* tag with the same pattern and document type, this function replaces the existing *function* tag.

**Arguments**

*menuGroupId*, *pattern*, {*doctypes*}, {*casesensitive*}, {*object*}, {*description*}, {*icon*}, *source*, {*docURI*}, {*bClassPattern*}, {*bAddToObjectMethodList*}, {*restriction*}

- The *menuGroupId* argument is the ID string attribute of the menugroup tag.
- The *pattern* argument is a string that specifies the pattern attribute for the new *function* tag.
- The *doctypes* argument, which is optional, specifies that this function is active for only certain document types. You can specify the *doctypes* argument as a comma-separated list of document type IDs. For a list of Dreamweaver document types, see the Dreamweaver Configuration/DocumentTypes/MMDocumentTypes.xml file.
- The *casesensitive* argument, which is optional, specifies whether the pattern is case-sensitive. The possible values for the *casesensitive* argument are the Boolean values *true* or *false*. The value defaults to *false* if you omit this argument. If the *casesensitive* argument is a *true* value, the Code Hints menu appears. This menu appears only if the text that the user types matches the pattern that the pattern attribute specifies. If *casesensitive* is a *false* value, the menu appears even if the pattern is lowercase and the text is uppercase.
- The *object* argument specifies the name of the string. This argument is optional. It is used when the object is of type "static."
- The *description* argument contains a detailed description for the function. This argument is optional.
- The *icon* argument specifies the custom icon path to use in function drop down. This argument is optional.
- The *source* argument contains a value that the second column of code hint displays. The default of this argument is empty.
- The *docURI* argument enables the user to constrain the code hints to a specific document by providing the document URI (native OS File Path). This argument is optional and if the document URI is not specified, it does not impose any constraint.

- The `bClassPattern` argument is a Boolean value. If set to `true`, states that the function belongs to a "class" instance and is not static. The default value is `false`. This argument is optional.
- The `bAddToObjectMethodList` argument is a Boolean. If set to true, it enables the user to add a list of static functions. The default value is `true`. This argument is optional.
- The `restriction` argument is a string. This argument is optional and if not specified, it does not place any constraint. On a web page that contains both client-side and server-side languages, you can use this argument to restrict the use of code hints to one of the following:
  - A specific language section
  - A code block

**Returns**

Nothing.

**Example**

The following example of the `dw.codeHints.addFunction()` function adds the function name pattern `out.newLine()` to the Code Hints menu group `CodeHints_Object_Methods` and makes it active only for JSP document types:

```
dw.codeHints.addFunction(
    "CodeHints_Object_Methods",
    "out.newLine()",
    "JSP")
```

## **dreamweaver.codeHints.resetMenu()**

**Availability**

Dreamweaver MX.

**Description**

Resets the specified menu tag or function tag to its state immediately after Dreamweaver reads the `CodeHints.xml` file. In other words, a call to this function erases the effect of previous calls to the `addMenu()` and `addFunction()` functions.

**Arguments**

`menuGroupId, pattern, {doctypes}`

- The `menuGroupId` argument is the ID string attribute of a `menugroup` tag.
- The `pattern` argument is a string that specifies the pattern attribute for the new `menu` or `function` tag to be reset.
- The `doctypes` argument, which is optional, specifies that this menu is active for only certain document types. You can specify the `doctypes` argument as a comma-separated list of document type IDs. For a list of Dreamweaver document types, see the `Dreamweaver Configuration/Documenttypes/MMDocumentTypes.xml` file.

**Returns**

Nothing.

**Example**

Your JavaScript code might build a Code Hints menu that contains user-defined session variables. Each time the list of session variables changes, that code needs to update the menu. Before the code can load the new list of session variables into the menu, it needs to remove the old list. Calling this function removes the old session variables.

## **dreamweaver.codeHints.showCodeHints()**

**Availability**

Dreamweaver MX.

**Description**

Dreamweaver calls this function when the user opens the Edit > Show Code Hints menu item. The function opens the Code Hints menu at the current selection location in Code view.

**Arguments**

None.

**Returns**

Nothing.

**Example**

The following example opens the Code Hints menu at the current insertion point in the document when it is in Code view.

```
dw.codeHints.showCodeHints()
```

## **dreamweaver.reloadCodeColoring()**

**Description**

Reloads code coloring files from the Dreamweaver Configuration/Code Coloring folder.

**Arguments**

None.

**Returns**

Nothing.

**Example**

```
dreamweaver.reloadCodeColoring()
```

# **Find and replace functions**

Find and replace functions handle find and replace operations. They cover basic functionality, such as finding the next instance of a search pattern, and complex replacement operations that require no user interaction.

## **dreamweaver.findNext()**

### **Availability**

Dreamweaver 3; modified in Dreamweaver MX 2004.

### **Description**

Finds the next instance of the search string that was specified previously by “[dreamweaver.setUpFind\(\)](#)” on page 443, by “[dreamweaver.setUpComplexFind\(\)](#)” on page 441, or by the user in the Find dialog box, and selects the instance in the document.

### **Arguments**

*{bUseLastSetupSearch}, {document}, {clearSearchResults}*

- The *bUseLastSetupSearch* argument, which is optional, is a Boolean value. If *bUseLastSetupSearch* is the value `true`, which is the default if no argument is given, the function does a find-next operation using the parameters specified by a previous call to either the `dreamweaver.setupComplexFind()` function or the `dreamweaver.setupComplexFindReplace()` function. If you set *bUseLastSetupSearch* to the value `false`, the function ignores the previously set up search and performs a search for the next instance of the text that is currently selected in the document.
- The *document* argument, which is optional, represents the document to be searched.
- The *clearSearchResults* argument, which is optional, indicates whether the Find results panel should be cleared before a search operation is performed.

### **Returns**

Nothing.

### **Enabler**

See “[dreamweaver.canFindNext\(\)](#)” on page 500.

## **dreamweaver.findAll()**

### **Availability**

Dreamweaver 3.

### **Description**

Finds all the instances of the search string that was specified previously by `dreamweaver.setUpFind()`, by `dreamweaver.setUpComplexFind()`, or by the user in the Find dialog box, and selects all the instances in the document.

### **Arguments**

The arguments are same as the `dreamweaver.findNext()` function. See “[dreamweaver.findNext\(\)](#)” on page 440.

### **Returns**

Nothing.

## **dreamweaver.replace()**

### **Availability**

Dreamweaver 3.

### **Description**

Verifies that the current selection matches the search criteria that was specified by “[dreamweaver.setUpFindReplace\(\)](#)” on page 443, by “[dreamweaver.setUpComplexFindReplace\(\)](#)” on page 442, or by the user in the Replace dialog box; the function then replaces the selection with the replacement text that is specified by the search request.

### **Arguments**

The arguments are same as the `dreamweaver.findNext()` function. See “[dreamweaver.findNext\(\)](#)” on page 440.

### **Returns**

Nothing.

## **dreamweaver.replaceAll()**

### **Availability**

Dreamweaver 3.

### **Description**

Replaces each section of the current document that matches the search criteria that was specified by “[dreamweaver.setUpFindReplace\(\)](#)” on page 443, by “[dreamweaver.setUpComplexFindReplace\(\)](#)” on page 442, or by the user in the Replace dialog box, with the specified replacement content.

### **Arguments**

The arguments are same as the `dreamweaver.findNext()` function. See “[dreamweaver.findNext\(\)](#)” on page 440.

### **Returns**

Nothing.

## **dreamweaver.setUpComplexFind()**

### **Availability**

Dreamweaver 3.

### **Description**

Prepares for an advanced text or tag search by loading the specified XML query.

### **Arguments**

*xmlQueryString*

- The *xmlQueryString* argument is a string of XML code that begins with `dwquery` and ends with `/dwquery`. (To get a string of the proper format, set up the query in the Find dialog box, click the Save Query button, open the query file in a text editor, and copy everything from the opening of the `dwquery` tag to the closing of the `/dwquery` tag.)

**Note:** In a query, certain special characters, such as the backslash character (\), must be escaped. Therefore, to use a backslash in a query, you must write \\.

### Returns

Nothing.

### Example

The first line of the following example sets up a tag search and specifies that the scope of the search should be the current document. The second line performs the search operation.

```
dreamweaver.setUpComplexFind('<dwquery><queryparams matchcase="false" >
ignorewhitespace="true" useregexp="false"/><find>-
<qtag qname="a"><qattribute qname="href" qcompare="=" qvalue="#">-
</qattribute><qattribute qname="onMouseOut" qcompare="=" qvalue="" qnegate="true">-
</qattribute></qtag></find></dwquery>');
dw.findNext();
```

## **dreamweaver.setUpComplexFindReplace()**

### Availability

Dreamweaver 3.

### Description

Prepares for an advanced text or tag search by loading the specified XML query.

### Arguments

*xmlQueryString*

- The *xmlQueryString* argument is a string of XML code that begins with the `dwquery` tag and ends with the `/dwquery` tag. (To get a string of the proper format, set up the query in the Find dialog box, click the Save Query button, open the query file in a text editor, and copy everything from the beginning of the `dwquery` tag to the end of the `/dwquery` tag.)

**Note:** In a query, certain special characters, such as the backslash character (\), must be escaped. Therefore, to use a backslash in a query, you must write \\.

### Returns

Nothing.

### Example

The first statement in the following example sets up a tag search and specifies that the scope of the search should be four files. The second statement performs the search and replace operation.

```
dreamweaver.setUpComplexFindReplace('<dwquery><queryparams >
matchcase="false" ignorewhitespace="true" useregexp="false"/>-
<find><qtag qname="a"><qattribute qname="href" qcompare="=" qvalue="#">-
</qattribute><qattribute qname="onMouseOut" qcompare="=" qvalue="" qnegate="true">-
</qattribute></qtag></find><replace action="setAttribute" param1="onMouseOut" >
param2="this.style.color='#000000';this.style.->
fontWeight='normal'"/></dwquery>');
dw.replaceAll();
```

## **dreamweaver.setUpFind()**

### **Availability**

Dreamweaver 3.

### **Description**

Prepares for a text or HTML source search by defining the search parameters for a subsequent `dreamweaver.findNext()` operation.

### **Arguments**

*searchObject*

The `searchObject` argument is an object for which the following properties can be defined:

- The `searchString` is the text for which to search.
- The `searchWhat` is the location where the search should operate. The possible values are:
  - `document` - Search in the current active document.
  - `allOpenDocuments` - Search in all the open documents.
  - `site` - Search in the current site.
  - `selectedFiles` - Search in the selected files.
  - `selectedText` - Search within the selected text or a folder path.
- The `searchSource` property is a Boolean value that indicates whether to search the HTML source.
- The `{matchCase}` property, which is optional, is a Boolean value that indicates whether the search is case-sensitive. If this property is not explicitly set, it defaults to `false`.
- The `{matchWholeWord}` property, which is optional, is a Boolean value that indicates whether the matches should be whole words.
- The `{ignoreWhitespace}` property, which is optional, is a Boolean value that indicates whether white space differences should be ignored. The `ignoreWhitespace` property defaults to `false` if the value of the `useRegularExpressions` property is `true`, and `true` if the `useRegularExpressions` property is `false`.
- The `{useRegularExpressions}` property is a Boolean value that indicates whether the `searchString` property uses regular expressions. If this property is not explicitly set, it defaults to a value of `false`.

### **Returns**

Nothing.

## **dreamweaver.setUpFindReplace()**

### **Availability**

Dreamweaver 3.

### **Description**

Prepares for a text or HTML source search by defining the search parameters and the scope for a subsequent `dreamweaver.replace()` or `dreamweaver.replaceAll()` operation.

**Arguments***searchObject*

The *searchObject* argument is an object for which the following properties can be defined:

- The *searchString* property is the text for which to search.
- The *searchWhat* is the location where the search should operate. The possible values are:
  - document - Search in the current active document.
  - allOpenDocuments - Search in all the open documents.
  - site - Search in the current site.
  - selectedFiles - Search in the selected files.
  - selectedText - Search within the selected text.
- The *replaceString* property is the text with which to replace the selection.
- The *searchSource* property is a Boolean value that indicates whether to search the HTML source.
- The *{matchCase}* property, which is optional, is a Boolean value that indicates whether the search is case-sensitive. If this property is not explicitly set, it defaults to a `false` value.
- The *{matchWholeWord}* property, which is optional, is a Boolean value that indicates whether the matches should be considered as whole words.
- The *{ignoreWhitespace}* property, which is optional, is a Boolean value that indicates whether white space differences should be ignored. The *ignoreWhitespace* property defaults to `false` if the *useRegularExpressions* property has a value of `true`, and defaults to a value of `true` if the *useRegularExpressions* property has a value of `false`.
- The *{useRegularExpressions}* property is a Boolean value that indicates whether the *searchString* property uses regular expressions. If this property is not explicitly set, it defaults to a value of `false`.

**Returns**

Nothing.

## **dreamweaver.showFindDialog()**

**Availability**

Dreamweaver 3.

**Description**

Opens the Find dialog box.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canShowFindDialog\(\)](#)” on page 505.

## **dreamweaver.showFindReplaceDialog()**

**Availability**

Dreamweaver 3.

**Description**

Opens the Replace dialog box.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canShowFindDialog\(\)](#)” on page 505.

# **General editing functions**

You handle general editing functions in the Document window. These functions insert text, HTML, and objects; apply, change, and remove font and character markup; modify tags and attributes; and more.

## **dom.applyCharacterMarkup()**

**Availability**

Dreamweaver 3.

**Description**

Applies the specified type of character markup to the selection. If the selection is an insertion point, it applies the specified character markup to any subsequently typed text.

**Arguments**

*tagName*

- The *tagName* argument is the tag name that is associated with the character markup. It must be one of the following strings: "b", "cite", "code", "dfn", "em", "i", "kbd", "samp", "s", "strong", "tt", "u", or "var".

**Returns**

Nothing.

## **dom.applyFontMarkup()**

**Availability**

Dreamweaver 3.

**Description**

Applies the FONT tag and the specified attribute and value to the current selection.

**Arguments**

*attribute, value*

- The *attribute* argument must be "face", "size", or "color".
- The *value* argument is the value to be assigned to the attribute; for example, "Arial, Helvetica, sans-serif", "5", or "#FF0000".

**Returns**

Nothing.

## **dom.deleteSelection()**

**Availability**

Dreamweaver 3.

**Description**

Deletes the selection in the document.

**Arguments**

None.

**Returns**

Nothing.

## **dom.editAttribute()**

**Availability**

Dreamweaver 3.

**Description**

Displays the appropriate interface for editing the specified Document attribute. In most cases, this interface is a dialog box. This function is valid only for the active document.

**Arguments**

*attribute*

- The *attribute* is a string that specifies the tag attribute that you want to edit.

**Returns**

Nothing.

## dom.exitBlock()

**Availability**

Dreamweaver 3.

**Description**

Exits the current paragraph or heading block, leaving the insertion point outside all block elements.

**Arguments**

None.

**Returns**

Nothing.

## dom.getCharSet()

**Availability**

Dreamweaver 4.

**Description**

Returns the `charset` attribute in the meta tag of the document.

**Arguments**

None.

**Returns**

The encoding identity of the document. For example, for a Latin1 document, the function returns `iso-8859-1`.

## dom.getFontMarkup()

**Availability**

Dreamweaver 3.

**Description**

Gets the value of the specified attribute of the `FONT` tag for the current selection.

**Arguments**

*attribute*

- The *attribute* argument must be `"face"`, `"size"`, or `"color"`.

**Returns**

A string that contains the value of the specified attribute or an empty string if the attribute is not set.

## dom.getLineFromOffset()

### Availability

Dreamweaver MX.

### Description

Finds the line number of a specific character offset in the text (the HTML or JavaScript code) of the file.

### Arguments

*offset*

- The *offset* argument is an integer that represents the character location from the beginning of the file.

### Returns

An integer that represents the line number in the document.

## dom.getLinkHref()

### Availability

Dreamweaver 3.

### Description

Gets the link that surrounds the current selection. This function is equivalent to looping through the parents and grandparents of the current node until a link is found and then calling the `getAttribute('HREF')` on the link.

### Arguments

None.

### Returns

A string that contains the name of the linked file, which is expressed as a file:// URL.

## dom.getLinkTarget()

### Availability

Dreamweaver 3.

### Description

Gets the target of the link that surrounds the current selection. This function is equivalent to looping through the parents and grandparents of the current node until a link is found and then calling the `getAttribute('TARGET')` function on the link.

### Arguments

None.

### Returns

A string that contains the value of the TARGET attribute for the link or an empty string if no target is specified.

## dom.getListTag()

**Availability**

Dreamweaver 3.

**Description**

Gets the style of the selected list.

**Arguments**

None.

**Returns**

A string that contains the tag that is associated with the list ("ul", "ol", or "dl") or an empty string if no tag is associated with the list. This value always returns in lowercase letters.

## dom.getTextAlignment()

**Availability**

Dreamweaver 3.

**Description**

Gets the alignment of the block that contains the selection.

**Arguments**

None.

**Returns**

A string that contains the value of the `ALIGN` attribute for the tag that is associated with the block or an empty string if the `ALIGN` attribute is not set for the tag. This value always returns in lowercase letters.

## dom.getTextFormat()

**Availability**

Dreamweaver 3.

**Description**

Gets the block format of the selected text.

**Arguments**

None.

**Returns**

A string that contains the block tag that is associated with the text (for example, "p", "h1", "pre", and so on) or an empty string if no block tag is associated with the selection. This value always returns in lowercase letters.

## dom.hasCharacterMarkup()

### Availability

Dreamweaver 3.

### Description

Checks whether the selection already has the specified character markup.

### Arguments

*markupTagName*

- The *markupTagName* argument is the name of the tag that you're checking. It must be one of the following strings: "b", "cite", "code", "dfn", "em", "i", "kbd", "samp", "s", "strong", "tt", "u", or "var".

### Returns

A Boolean value that indicates whether the entire selection has the specified character markup. The function returns a value of `false` if only part of the selection has the specified markup.

## dom.indent()

### Availability

Dreamweaver 3.

### Description

Indents the selection using `BLOCKQUOTE` tags. If the selection is a list item, this function indents the selection by converting the selected item into a nested list. This nested list is of the same type as the outer list and contains one item, the original selection.

### Arguments

None.

### Returns

Nothing.

## dom.insertHTML()

### Availability

Dreamweaver 3.

### Description

Inserts HTML content into the document at the current insertion point.

### Arguments

*contentToInsert, {bReplaceCurrentSelection}*

- The *contentToInsert* argument is the content you want to insert.

- The *bReplaceCurrentSelection* argument, which is optional, is a Boolean value that indicates whether the content should replace the current selection. If the *bReplaceCurrentSelection* argument is a value of `true`, the content replaces the current selection. If the value is `false`, the content is inserted after the current selection.

**Returns**

Nothing.

**Example**

The following code inserts the HTML string `<b>130</b>` into the current document:

```
var theDOM = dw.getDocumentDOM();
theDOM.insertHTML('<b>130</b>');
```

The result appears in the Document window.

## **dom.insertObject()**

**Availability**

Dreamweaver 3.

**Description**

Inserts the specified object, prompting the user for parameters if necessary.

**Arguments**

*objectName*

- The *objectName* argument is the name of an object in the Configuration/Objects folder.

**Returns**

Nothing.

**Example**

A call to the `dom.insertObject('Button')` function inserts a form button into the active document after the current selection. If nothing is selected, this function inserts the button at the current insertion point.

**Note:** Although object files can be stored in separate folders, it's important that these files have unique names. If a file called `Button.htm` exists in the Forms folder and also in the MyObjects folder, Dreamweaver cannot distinguish between them.

## **dom.insertText()**

**Availability**

Dreamweaver 3.

**Description**

Inserts text content into the document at the current insertion point.

**Arguments**

*contentToInsert, {bReplaceCurrentSelection}*

- The *contentToInsert* argument is the content that you want to insert.
- The *bReplaceCurrentSelection* argument, which is optional, is a Boolean value that indicates whether the content should replace the current selection. If the *bReplaceCurrentSelection* argument is a value of `true`, the content replaces the current selection. If the value is `false`, the content is inserted after the current selection.

**Returns**

Nothing.

**Example**

The following code inserts the text: `<b>130</b>` into the current document:

```
var theDOM = dreamweaver.getDocumentDOM();
theDOM.insertText ('<b>130</b>');
```

The results appear in the Document window.

## dom.newBlock()

**Availability**

Dreamweaver 3.

**Description**

Creates a new block with the same tag and attributes as the block that contains the current selection or creates a new paragraph if the pointer is outside all blocks.

**Arguments**

None.

**Returns**

Nothing.

**Example**

If the current selection is inside a center-aligned paragraph, a call to the `dom.newBlock()` function inserts `<p align="center">` after the current paragraph.

## dom.notifyFlashObjectChanged()

**Availability**

Dreamweaver 4.

**Description**

Tells Dreamweaver that the current Flash object file has changed. Dreamweaver updates the Preview display, resizing it as necessary, preserving the width-height ratio from the original size.

**Arguments**

None.

**Returns**

Nothing.

**dom.outdent()****Availability**

Dreamweaver 3.

**Description**

Outdents the selection.

**Arguments**

None.

**Returns**

Nothing.

**dom.removeCharacterMarkup()****Availability**

Dreamweaver 3.

**Description**

Removes the specified type of character markup from the selection.

**Arguments**

*tagName*

- The *tagName* argument is the tag name that is associated with the character markup. It must be one of the following strings: "b", "cite", "code", "dfn", "em", "i", "kbd", "samp", "s", "strong", "tt", "u", or "var".

**Returns**

Nothing.

**dom.removeFontMarkup()****Availability**

Dreamweaver 3.

**Description**

Removes the specified attribute and its value from a FONT tag. If removing the attribute leaves only the FONT tag, the FONT tag is also removed.

**Arguments***attribute*

- The *attribute* argument must be "face", "size", or "color".

**Returns**

Nothing.

**dom.resizeSelection()****Availability**

Dreamweaver 3.

**Description**

Resizes the selected object to the specified dimensions.

**Arguments***newWidth, newHeight*

- The *newWidth* argument specifies the new width to which the function will set the selected object.
- The *newHeight* argument specifies the new height to which the function will set the selected object.

**Returns**

Nothing.

**dom.setAttributeWithErrorChecking()****Availability**

Dreamweaver 3.

**Description**

Sets the specified attribute to the specified value for the current selection, prompting the user if the value is the wrong type or if it is out of range. This function is valid only for the active document.

**Arguments***attribute, value*

- The *attribute* argument specifies the attribute to set for the current selection.
- The *value* argument specifies the value to set for the attribute.

**Returns**

Nothing.

## dom.setLinkHref()

### Availability

Dreamweaver 3.

### Description

Makes the selection a hypertext link or changes the URL value of the HREF tag that encloses the current selection.

### Arguments

*linkHREF*

- The *linkHREF* argument is the URL (document-relative path, root-relative path, or absolute URL) comprising the link. If this argument is omitted, the Select HTML File dialog box appears.

### Returns

Nothing.

### Enabler

See “[dom.canSetLinkHref\(\)](#)” on page 495.

## dom.setLinkTarget()

### Availability

Dreamweaver 3.

### Description

Sets the target of the link that surrounds the current selection. This function is equivalent to looping through the parents and grandparents of the current node until a link is found and then calling the `setAttribute('TARGET')` function on the link.

### Arguments

{*linkTarget*}

- The *linkTarget* argument, which is optional, is a string that represents a frame name, window name, or one of the reserved targets (“\_self”, “\_parent”, “\_top”, or “\_blank”). If the argument is omitted, the Set Target dialog box appears.

### Returns

Nothing.

## dom.setListBoxKind()

### Availability

Dreamweaver 3.

### Description

Changes the kind of the selected SELECT menu.

**Arguments**

*kind*

- The *kind* argument must be either "menu" or "list\_box".

**Returns**

Nothing.

## dom.showListPropertiesDialog()

**Availability**

Dreamweaver 3.

**Description**

Opens the List Properties dialog box.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See "[dom.canShowListPropertiesDialog\(\)](#)" on page 495.

## dom.setListTag()

**Availability**

Dreamweaver 3.

**Description**

Sets the style of the selected list.

**Arguments**

*listTag*

- The *listTag* argument is the tag that is associated with the list. It must be "ol", "ul", "dl", or an empty string.

**Returns**

Nothing.

## dom.setTextAlignment()

**Availability**

Dreamweaver 3.

**Description**

Sets the `ALIGN` attribute of the block that contains the selection to the specified value.

**Arguments**

*alignValue*

- The *alignValue* argument must be "left", "center", or "right".

**Returns**

Nothing.

**dom.setTextFieldKind()****Availability**

Dreamweaver 3.

**Description**

Sets the format of the selected text field.

**Arguments**

*fieldType*

- The *fieldType* argument must be "input", "textarea", or "password".

**Returns**

Nothing.

**dom.setTextFormat()****Availability**

Dreamweaver 4.

**Description**

Sets the block format of the selected text.

**Arguments**

*blockFormat*

- The *blockFormat* argument is a string that specifies one of the following formats: "" (for no format), "p", "h1", "h2", "h3", "h4", "h5", "h6", or "pre".

**Returns**

Nothing.

## **dom.showFontColorDialog()**

**Availability**

Dreamweaver 3.

**Description**

Opens the Color Picker dialog box.

**Arguments**

None.

**Returns**

Nothing.

## **dreamweaver.deleteSelection()**

**Availability**

Dreamweaver 3.

**Description**

Deletes the selection in the active document or the Site panel; on the Macintosh, it deletes the text box that has focus in a dialog box or floating panel.

**Arguments**

None.

**Returns**

Nothing.

**Enabler**

See “[dreamweaver.canDeleteSelection\(\)](#)” on page 499.

## **dreamweaver.editFontList()**

**Availability**

Dreamweaver 3.

**Description**

Opens the Edit Font List dialog box.

**Arguments**

None.

**Returns**

Nothing.

## **dreamweaver.getFontList()**

### **Availability**

Dreamweaver 3.

### **Description**

Gets a list of all the font groups that appear in the text Property inspector and in the Style Definition dialog box.

### **Arguments**

None.

### **Returns**

An array of strings that represent each item in the font list.

### **Example**

For the default installation of Dreamweaver, a call to the `dreamweaver.getFontList()` function returns an array that contains the following items:

- "Arial, Helvetica, sans-serif"
- "Times New Roman, Times, serif"
- "Courier New, Courier, mono"
- "Georgia, Times New Roman, Times, serif"
- "Verdana, Arial, Helvetica, sans-serif"

## **dreamweaver.getFontStyles()**

### **Availability**

Dreamweaver 4.

### **Description**

Returns the styles that a specified TrueType font supports.

### **Arguments**

*fontName*

- The *fontName* argument is a string that contains the name of the font.

### **Returns**

An array of three Boolean values that indicates what the font supports. The first value indicates whether the font supports *bold*, the second indicates whether the font supports *italic*, and the third indicates whether the font supports both *bold* and *italic*.

## **dreamweaver.getKeyState()**

### **Availability**

Dreamweaver 3.

**Description**

Determines whether the specified modifier key is depressed.

**Arguments**

*key*

- The *key* argument must be one of the following values: "Cmd", "Ctrl", "Alt", or "Shift". In Windows, "Cmd" and "Ctrl" refer to the Control key; on the Macintosh, "Alt" refers to the Option key.

**Returns**

A Boolean value that indicates whether the key is pressed.

**Example**

The following code checks that both the Shift and Control keys (Windows) or Shift and Command keys (Macintosh) are pressed before performing an operation:

```
if (dw.getKeyState("Shift") && dw.getKeyState("Cmd")) {  
    // execute code  
}
```

## **dreamweaver.getNaturalSize()**

**Availability**

Dreamweaver 4.

**Description**

Returns the width and height of a graphical object.

**Arguments**

*url*

- The *url* argument points to a graphical object for which the dimensions are wanted. Dreamweaver must support this object (GIF, JPEG, PNG, Flash, and Shockwave). The URL that is provided as the argument to the `getNaturalSize()` function must be an absolute URL that points to a local file; it cannot be a relative URL.

**Returns**

An array of two integers where the first integer defines the width of the object, and the second defines the height.

## **dreamweaver.getSystemFontList()**

**Availability**

Dreamweaver 4.

**Description**

Returns a list of fonts for the system. This function can get either all fonts or only TrueType fonts.

**Arguments***fontTypes*

- The *fontTypes* argument is a string that contains either the value `all`, or the value `TrueType`.

**Returns**

An array of strings that contain the entire font names; returns a value of `null` if no fonts are found.

## **dreamweaver.getSystemFontName()**

**Availability**

Dreamweaver CS5.

**Description**

Returns the system font name.

**Arguments**

Nothing.

**Returns**

A string containing the system font name.

## **Print function**

The print function lets the user print code from Code view.

## **dreamweaver.printCode()**

**Availability**

Dreamweaver MX.

**Description**

In Windows, this function prints all or selected portions of code from the Code view. On the Macintosh, it prints all code or a page range of code.

**Arguments***showPrintDialog, document*

- The *showPrintDialog* argument is `true` or `false`. If this argument is set to `true`, in Windows, the `dreamweaver.PrintCode()` function displays the Print dialog box to ask if the user wants to print all text or selected text. On the Macintosh, the `dreamweaver.PrintCode()` function displays the Print dialog box to ask if the user wants to print all text or a page range.

If the argument is set to `false`, `dreamweaver.PrintCode()` uses the user's previous selection. The default value is `true`.

- The *document* argument is the DOM of the document to print. For information on how to obtain the DOM for a document, see “[dreamweaver.getDocumentDOM\(\)](#)” on page 256.

**Returns**

A Boolean value: `true` if the code can print; `false` otherwise.

**Example**

The following example calls `dw.PrintCode()` to start the Print dialog box for the user's document. If the function returns the value `false`, the code displays an alert to inform the user that it cannot execute the print request.

```
var theDOM = dreamweaver.getDocumentDOM("document");
if(!dreamweaver.PrintCode(true, theDOM))
{
    alert("Unable to execute your print request!");
}
```

## Quick Tag Editor functions

Quick Tag Editor functions navigate through the tags within and surrounding the current selection. They remove any tag in the hierarchy, wrap the selection inside a new tag, and show the Quick Tag Editor to let the user edit specific attributes for the tag.

### **dom.selectChild()**

**Availability**

Dreamweaver 3.

**Description**

Selects a child of the current selection. Calling this function is equivalent to selecting the next tag to the right in the tag selector at the bottom of the Document window.

**Arguments**

None.

**Returns**

Nothing.

### **dom.selectParent()**

**Availability**

Dreamweaver 3.

**Description**

Selects the parent of the current selection. Calling this function is equivalent to selecting the next tag to the left in the tag selector at the bottom of the Document window.

**Arguments**

None.

**Returns**

Nothing.

## dom.stripTag()

**Availability**

Dreamweaver 3.

**Description**

Removes the tag from around the current selection, leaving any contents. If the selection has no tags or contains more than one tag, Dreamweaver reports an error.

**Arguments**

None.

**Returns**

Nothing.

## dom.wrapTag()

**Availability**

Dreamweaver 3.

**Description**

Wraps the specified tag around the current selection. If the selection is unbalanced, Dreamweaver reports an error.

**Arguments**

*startTag, {bAlwaysBalance}, {bMakeLegal}*

- The *startTag* argument is the source that is associated with the opening tag.
- The *bAlwaysBalance* argument is a Boolean value that indicates whether to balance the selection before wrapping it. This argument is optional.
- The *bMakeLegal* argument is a Boolean value that indicates whether to ensure that the wrap results in valid HTML. This argument is optional.

**Returns**

Nothing.

**Example**

The following code wraps a link around the current selection:

```
var theDOM = dw.getDocumentDOM();
var theSel = theDOM.getSelectedNode();
if (theSel.nodeType == Node.TEXT_NODE) {
    theDOM.wrapTag('<a href="foo.html">');
}
```

## **dreamweaver.showQuickTagEditor()**

### **Availability**

Dreamweaver 3.

### **Description**

Displays the Quick Tag Editor for the current selection.

### **Arguments**

*{nearWhat}, {mode}*

- The optional *nearWhat* argument, if specified, must be either "selection" or "tag selector". If this argument is omitted, the default value is "selection".
- The optional *mode* argument, if specified, must be "default", "wrap", "insert", or "edit". If *mode* is "default" or omitted, Dreamweaver uses heuristics to determine the mode to use for the current selection. The *mode* argument is ignored if *nearWhat* is "tag selector".

### **Returns**

Nothing.

# **Code view functions**

Code view functions include operations that are related to editing document source code (and that have subsequent impact on the Design view). The functions in this section let you add navigational controls to Code views within a Split document view or the Code inspector window.

## **dom.formatRange()**

### **Availability**

Dreamweaver MX.

### **Description**

Applies Dreamweaver automatic syntax formatting to a specified range of characters in the Code view, according to the settings in the Preferences > Code Format dialog box.

### **Arguments**

*startOffset, endOffset*

- The *startOffset* argument is an integer that represents the beginning of the specified range as the offset from the beginning of the document.
- The *endOffset* argument is an integer that represents the end of the specified range as the offset from the beginning of the document.

### **Returns**

Nothing.

## dom.formatSelection()

### Availability

Dreamweaver MX.

### Description

Applies Dreamweaver automatic syntax formatting to the selected content (the same as selecting the Commands > Apply Source Formatting to Selection option) according to the settings in the Preferences > Code Format dialog box.

### Arguments

None.

### Returns

Nothing.

## dom.getShowNoscript()

### Availability

Dreamweaver MX.

### Description

Gets the current state of the `noscript` content option (from the View > Noscript Content menu option). On by default, the `noscript` tag identifies page script content that can be rendered, or not (by choice), in the browser.

### Arguments

None.

### Returns

A Boolean value: `true` if the `noscript` tag content is currently rendered; `false` otherwise.

## dom.getAutoValidationCount()

### Availability

Dreamweaver MX 2004.

### Description

Gets the number of errors, warnings, and information messages for the last auto-validation (also known as an inline validation) of the document. Currently only a target-browser check is performed during auto-validation (see “[dom.runValidation\(\)](#)” on page 265).

**Note:** This function returns only the results that are currently in the results window for the document. If you want to make sure that the counts are up-to-date, you can call `dom.runValidation()` before calling this function.

### Arguments

None.

**Returns**

An object with the following properties:

- The `numError` property, which is the number of errors
- The `numWarning` property, which is the number of warnings
- The `numInfo` property, which is the number of information messages

**Example**

```
theDom = dw.getDocumentDOM();
theDom.runValidation();
theDom.getAutoValidationCount();
```

## **dom.isDesignViewUpdated()**

**Availability**

Dreamweaver 4.

**Description**

Determines whether the Design view and Text view content is synchronized for those Dreamweaver operations that require a valid document state.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the Design view (WYSIWYG) is synchronized with the text in the Text view; `false` otherwise.

## **dom.isSelectionValid()**

**Availability**

Dreamweaver 4.

**Description**

Determines whether a selection is valid, meaning it is currently synchronized with the Design view, or if it needs to be moved before an operation occurs.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the current selection is in a valid piece of code; `false` if the document has not been synchronized, because the selection is not updated.

## dom.setShowNoscript()

### Availability

Dreamweaver MX.

### Description

Sets the noscript content option on or off (the same as selecting the View > Noscript Content option). On by default, the noscript tag identifies page script content that can be rendered, or not (by choice), in the browser.

### Arguments

{*bShowNoscript*}

- The *bShowNoscript* argument, which is optional, is a Boolean value that indicates whether the noscript tag content should be rendered; `true` if the noscript tag content should be rendered, `false` otherwise.

### Returns

Nothing.

## dom.source.arrowDown()

### Availability

Dreamweaver 4.

### Description

Moves the insertion point down the Code view document, line by line. If content is already selected, this function extends the selection line by line.

### Arguments

{*nTimes*}, {*bShiftIsDown*}

- The *nTimes* argument, which is optional, is the number of lines that the insertion point must move. If *nTimes* is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is `true`, the content is selected.

### Returns

Nothing.

## dom.source.arrowLeft()

### Availability

Dreamweaver 4.

### Description

Moves the insertion point to the left in the current line of the Code view. If content is already selected, this function extends the selection to the left.

**Arguments**{*nTimes*}, {*bShiftIsDown*}

- The *nTimes* argument, which is optional, is the number of characters that the insertion point must move. If *nTimes* is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is true, the content is selected.

**Returns**

Nothing.

## dom.source.arrowRight()

**Availability**

Dreamweaver 4.

**Description**

Moves the insertion point to the right in the current line of the Code view. If content is already selected, this function extends the selection to the right.

**Arguments**{*nTimes*}, {*bShiftIsDown*}

- The *nTimes* argument, which is optional, is the number of characters that the insertion point must move. If *nTimes* is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is true, the content is selected; otherwise it is not.

**Returns**

Nothing.

## dom.source.arrowUp()

**Availability**

Dreamweaver 4.

**Description**

Moves the insertion point up the Code view document, line by line. If content is already selected, this function extends the selection line by line.

**Arguments**{*nTimes*}, {*bShiftIsDown*}

- The *nTimes* argument is the number of lines that the insertion point must move. If *nTimes* is omitted, the default is 1.
- The *bShiftIsDown* argument is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is true, the content is selected.

**Returns**

Nothing.

## **dom.source.balanceBracesTextView()**

**Availability**

Dreamweaver 4.

**Description**

This function is a Code view extension that enables parentheses balancing. You can call `dom.source.balanceBracesTextView()` to extend a currently highlighted selection or insertion point. The extension is from the opening of the surrounding parenthetical statement to the end of the statement. It is to balance the following characters: `[]`, `{}`, and `()`. Subsequent calls expand the selection through further levels of punctuation nesting.

**Arguments**

None.

**Returns**

Nothing.

## **dom.source.doCodeNavItem()**

**Availability**

Dreamweaver 4.

**Description**

This function loads the Code Navigator and populates it with targets for the current selection. However, it does not by itself do any navigation or open any related file.

**Arguments**

None

**Returns**

A Boolean value: `true` if the Code Navigator is opened; `false` if it cannot be opened because the current selection has no navigation targets.

## **dom.source.endOfDocument()**

**Availability**

Dreamweaver 4.

**Description**

Places the insertion point at the end of the current Code view document. If content is already selected, this function extends the selection to the end of the document.

**Arguments***bShiftIsDown*

- The *bShiftIsDown* argument is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is true, the content is selected.

**Returns**

Nothing.

## dom.source.endOfLine()

**Availability**

Dreamweaver 4.

**Description**

Places the insertion point at the end of the current line. If content is already selected, this function extends the selection to the end of the current line.

**Arguments***bShiftIsDown*

- The *bShiftIsDown* argument is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is true, the content is selected.

**Returns**

Nothing.

## dom.source.endPage()

**Availability**

Dreamweaver 4.

**Description**

Moves the insertion point to the end of the current page or to the end of the next page if the insertion point is already at the end of a page. If content is already selected, this function extends the selection page by page.

**Arguments**{*nTimes*, {*bShiftIsDown*}}

- The *nTimes* argument, which is optional, is the number of pages that the insertion point must move. If *nTimes* is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is true, the content is selected.

**Returns**

Nothing.

## **dom.source.getCurrentLines()**

### **Description**

Dreamweaver 4.

### **Arguments**

### **Returns**

The line numbers for the current selection.

## **dom.source.getSelection()**

### **Description**

Gets the selection in the current document, which is expressed as character offsets into the document's Code view.

### **Arguments**

None.

### **Returns**

A pair of integers that represent offsets from the beginning of the source document. The first integer is the opening of the selection; the second is the closing of the selection. If the two numbers are equal, the selection is an insertion point. If there is no selection in the source, both numbers are -1.

## **dom.source.getLineFromOffset()**

### **Availability**

Dreamweaver MX.

### **Description**

Takes an offset into the source document.

### **Arguments**

None.

### **Returns**

The associated line number, or -1 if the offset is negative or past the end of the file.

## **dom.source.getText()**

### **Availability**

Dreamweaver 4.

**Description**

Returns the text string in the source between the designated offsets.

**Arguments**

*startOffset, endOffset*

- The *startOffset* argument is an integer that represents the offset from the beginning of the document.
- The *endOffset* argument is an integer that represents the end of the document.

**Returns**

A string that represents the text in the source code between the offsets *start* and *end*.

## **dom.source.getValidationErrorsForOffset()**

**Availability**

Dreamweaver MX 2004.

**Description**

Returns a list of validation errors at the specified offset, or it searches from the offset for the next error. If none are found the function, returns `null`.

**Arguments**

*offset, {searchDirection}*

- The *offset* argument is a number that specifies the offset in the code for which the function will return any errors.
- The *searchDirection* argument, which is optional, is a string that specifies "empty", "forward" or "back". If specified, the function searches forward or back from the given offset to the next characters with errors and returns them. If not specified, the function simply checks for errors at the given offset.

**Returns**

An array of objects or the value `null`. Each object in the array has the following properties:

- The `message` object is a string that contains the error message.
- The `floaterName` object is a string that contains the name of the results window. You can pass this value to the `showResults()` or `setFloaterVisibility()` functions.
- The `floaterIndex` object is an index of items in the floater results list.
- The `start` object is the opening index of underlined code.
- The `end` object is the closing index of underlined code.

**Note:** The returned floater indexes should not be stored because they can change frequently, such as when documents are opened or closed.

**Example**

The following example calls `getValidationErrorsForOffset()` to check for any errors at the offset of the current selection. If the function returns an error, the code calls the `alert()` function to display the error message to the user.

```
var offset = dw.getDocumentDOM().source.getSelection()[0];
var errors = dw.getDocumentDOM().source.getValidationErrorsForOffset(offset);
if ( errors && errors.length > 0 )
    alert( errors[0].message );
```

## dom.source.indentTextview()

### Availability

Dreamweaver 4.

### Description

Moves selected Code view text one tab stop to the right.

### Arguments

None.

### Returns

Nothing.

## dom.source.insert()

### Availability

Dreamweaver 4.

### Description

Inserts the specified string into the source code at the specified offset from the beginning of the source file. If the offset is not greater than or equal to zero, the insertion fails and the function returns `false`.

### Arguments

*offset, string*

- The *offset* argument is the offset from the beginning of the file where the string must be inserted.
- The *string* argument is the string to insert.

### Returns

A Boolean value: `true` if successful; `false` otherwise.

## dom.source.nextWord()

### Availability

Dreamweaver 4.

### Description

Moves the insertion point to the beginning of the next word (or words, if specified) in the Code view. If content is already selected, this function extends the selection to the right.

**Arguments**{*nTimes*}, {*bShiftIsDown*}

- The *nTimes* argument, which is optional, is the number of words that the insertion point must move. If *nTimes* is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is true, the content is selected.

**Returns**

Nothing.

**dom.source.outdentTextview()****Availability**

Dreamweaver 4.

**Description**

Moves selected Code view text one tab stop to the left.

**Arguments**

None.

**Returns**

Nothing.

**dom.source.pageDown()****Availability**

Dreamweaver 4.

**Description**

Moves the insertion point down the Code view document, page by page. If content is already selected, this function extends the selection page by page.

**Arguments**{*nTimes*}, {*bShiftIsDown*}

- The *nTimes* argument, which is optional, is the number of pages that the insertion point must move. If *nTimes* is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is true, the content is selected.

**Returns**

Nothing.

## dom.source.pageUp()

### Availability

Dreamweaver 4.

### Description

Moves the insertion point up the Code view document, page by page. If content is already selected, this function extends the selection page by page.

### Arguments

{*nTimes*}, {*bShiftIsDown*}

- The *nTimes* argument, which is optional, is the number of pages that the insertion point must move. If *nTimes* is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is true, the content is selected.

### Returns

Nothing.

## dom.source.previousWord()

### Availability

Dreamweaver 4.

### Description

Moves the insertion point to the beginning of the previous word (or words, if specified) in Code view. If content is already selected, this function extends the selection to the left.

### Arguments

{*nTimes*}, {*bShiftIsDown*}

- The *nTimes* argument, which is optional, is the number of words that the insertion point must move. If *nTimes* is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is true, the content is selected.

### Returns

Nothing.

## dom.source.replaceRange()

### Availability

Dreamweaver 4.

**Description**

Replaces the range of source text between *startOffset* and *endOffset* with *string*. If *startOffset* is greater than *endOffset* or if either offset is not a positive integer, it does nothing and returns `false`. If *endOffset* is greater than the number of characters in the file, it replaces the range between *startOffset* and the end of the file. If both *startOffset* and *endOffset* are greater than the number of characters in the file, it inserts the text at the end of the file.

**Arguments**

*startOffset*, *endOffset*, *string*

- The *startOffset* argument is the offset that indicates the beginning of the block to replace.
- The *endOffset* argument is the offset that indicates the end of the block to replace.
- The *string* argument is the string to insert.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

## **dom.source.scrollEndFile()**

**Availability**

Dreamweaver 4.

**Description**

Scrolls the Code view to the bottom of the document file without moving the insertion point.

**Arguments**

None.

**Returns**

Nothing.

## **dom.source.scrollLineDown()**

**Availability**

Dreamweaver 4.

**Description**

Scrolls the Code view down line by line without moving the insertion point.

**Arguments**

*nTimes*

- The *nTimes* argument is the number of lines to scroll. If *nTimes* is omitted, the default is 1.

**Returns**

Nothing.

## dom.source.scrollLineUp()

### Availability

Dreamweaver 4.

### Description

Scrolls the Code view up line by line without moving the insertion point.

### Arguments

*nTimes*

- The *nTimes* argument is the number of lines to scroll. If *nTimes* is omitted, the default is 1.

### Returns

Nothing.

## dom.source.scrollPageDown()

### Availability

Dreamweaver 4.

### Description

Scrolls the Code view down page by page without moving the insertion point.

### Arguments

*nTimes*

- The *nTimes* argument is the number of pages to scroll. If *nTimes* is omitted, the default is 1.

### Returns

Nothing.

## dom.source.scrollPageUp()

### Availability

Dreamweaver 4.

### Description

Scrolls the Code view up page by page without moving the insertion point.

### Arguments

*nTimes*

- The *nTimes* argument is the number of pages to scroll. If *nTimes* is omitted, the default is 1.

### Returns

Nothing.

## dom.source.scrollTopFile()

**Availability**

Dreamweaver 4.

**Description**

Scrolls the Code view to the top of the document file without moving the insertion point.

**Arguments**

None.

**Returns**

Nothing.

## dom.source.selectParentTag()

**Availability**

Dreamweaver 4.

**Description**

This function is a Code view extension that enables tag balancing. You can call `dom.source.selectParentTag()` to extend a currently highlighted selection or insertion point from the surrounding open tag to the closing tag. Subsequent calls extend the selection to additional surrounding tags until there are no more enclosing tags.

**Arguments**

None.

**Returns**

Nothing.

## dom.source.setCurrentLine()

**Availability**

Dreamweaver 4.

**Description**

Puts the insertion point at the beginning of the specified line. If the `lineNumber` argument is not a positive integer, the function does nothing and returns `false`. It puts the insertion point at the beginning of the last line if `lineNumber` is larger than the number of lines in the source.

**Arguments**

`lineNumber`

- The `lineNumber` argument is the line at the beginning of which the insertion point is placed.

**Returns**

A Boolean value: `true` if successful; `false` otherwise.

## **dom.source.startOfDocument()**

**Availability**

Dreamweaver 4.

**Description**

Places the insertion point at the beginning of the Code view document. If content is already selected, this function extends the selection to the beginning of the document.

**Arguments**

*bShiftIsDown*

- The *bShiftIsDown* argument is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is `true`, the content is selected.

**Returns**

Nothing.

## **dom.source.startOfLine()**

**Availability**

Dreamweaver 4.

**Description**

Places the insertion point at the beginning of the current line. If content is already selected, this function extends the selection to the beginning of the current line.

**Arguments**

*bShiftIsDown*

- The *bShiftIsDown* argument is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is `true`, the content is selected.

**Returns**

Nothing.

## **dom.source.topPage()**

**Availability**

Dreamweaver 4.

**Description**

Moves the insertion point to the top of the current page or to the top of the previous page if the insertion point is already at the top of a page. If content is already selected, this function extends the selection page by page.

**Arguments**

*{nTimes}*, *{bShiftIsDown}*

- The *nTimes* argument, which is optional, is the number of pages that the insertion point must move. If *nTimes* is omitted, the default is 1.
- The *bShiftIsDown* argument, which is optional, is a Boolean value that indicates whether content is being selected. If *bShiftIsDown* is `true`, the content is selected.

**Returns**

Nothing.

## **dom.source.wrapSelection()**

**Availability**

Dreamweaver 4.

**Description**

Inserts the text of *startTag* before the current selection and the text of *endTag* after the current selection. The function then selects the entire range between, and including, the inserted tags. If the current selection was an insertion point, then the function places the insertion point between the *startTag* and *endTag*. (*startTag* and *endTag* don't have to be tags; they can be any arbitrary text.)

**Arguments**

*startTag*, *endTag*

- The *startTag* argument is the text to insert at the beginning of the selection.
- The *endTag* argument is the text to insert at the end of the selection.

**Returns**

Nothing.

## **dom.synchronizeDocument()**

**Availability**

Dreamweaver 4.

**Description**

Synchronizes the Design and Code views.

**Arguments**

None.

**Returns**

Nothing.

## Live Code view functions

The code displayed in Live Code view is similar to what you would see if you viewed the page source from a browser. While such page sources are static, providing you with only the source of the page from the browser, Live Code view is dynamic, and updates as you interact with the page in Live view.

When the user activates interactive elements of a page, the Live Code view shows the source in the new state and highlights the code that has changed between the different states.

### **dom.getLiveCodeHighlightsChanges()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to determine if the code highlighting feature is enabled for the current document.

**Arguments**

None.

**Returns**

A Boolean value that indicates whether the code highlighting feature is enabled.

### **dom.setLiveCodeHighlightsChanges()**

**Availability**

Dreamweaver CS5.

**Description**

This function is used to enable or disable code highlighting for the current document.

**Arguments**

A Boolean value that indicates whether the code highlighting feature is enabled.

**Returns**

None.

## Tag editor and tag library functions

You can use tag editors to insert new tags, edit existing tags, and access reference information about tags. The Tag Chooser lets users organize their tags so that they can easily select frequently used tags. The tag libraries that come with Dreamweaver store information about tags that are used in standards-based markup languages and most widely used tag-based scripting languages. You can use the JavaScript Tag editor, Tag Chooser, and Tag library functions when you need to access and work with tag editors and tag libraries in your extensions.

### **dom.getTagSelectorTag()**

#### **Availability**

Dreamweaver MX.

#### **Description**

This function gets the DOM node for the tag that is currently selected in the Tag Selector bar at the bottom of the document window.

#### **Arguments**

None.

#### **Returns**

The DOM node for the currently selected tag; `null` if no tag is selected.

### **dreamweaver.popupInsertTagDialog()**

#### **Availability**

Dreamweaver MX.

#### **Description**

This function checks the VTM files to see if a tag editor has been defined for the tag. If so, the editor for that tag pops up and accepts the start tag. If not, the start tag is inserted unmodified into the user's document.

#### **Arguments**

*start\_tag\_string*

A start tag string that includes one of the following types of initial values:

- A tag, such as `<input>`
- A tag with attributes, such as `<input type='text'>`
- A directive, such as `<%= %>`

#### **Returns**

A Boolean value: `true` if anything is inserted into the document; `false` otherwise.

## **dreamweaver.popupEditTagDialog()**

### **Availability**

Dreamweaver MX.

### **Description**

If a tag is selected, this function opens the Tag editor for that tag, so you can edit the tag.

### **Arguments**

None.

### **Returns**

Nothing.

### **Enabler**

See “[dreamweaver.canPopupEditTagDialog\(\)](#)” on page 501.

## **dreamweaver.showTagChooser()**

### **Availability**

Dreamweaver MX.

### **Description**

This function displays the Tag Chooser dialog box, brings it to the front, and sets it in focus.

### **Arguments**

None.

### **Returns**

Nothing.

## **dreamweaver.showTagLibraryEditor()**

### **Availability**

Dreamweaver MX.

### **Description**

This function opens the Tag Library editor.

### **Arguments**

None.

### **Returns**

None.

## **dreamweaver.tagLibrary.getTagLibraryDOM()**

### **Availability**

Dreamweaver MX.

### **Description**

Given the URL of a *filename.vtm* file, this function returns the DOM for that file, so that its contents can be edited. This function should be called only when the Tag Library editor is active.

### **Arguments**

*fileURL*

- The *fileURL* argument is the URL of a *filename.vtm* file, relative to the Configuration/Tag Libraries folder, as shown in the following example: "HTML/img.vtm"

### **Returns**

A DOM pointer to a new or previously existing file within the TagLibraries folder.

## **dreamweaver.tagLibrary.getSelectedLibrary()**

### **Availability**

Dreamweaver MX.

### **Description**

If a library node is selected in the Tag Library editor, this function gets the library name.

### **Arguments**

None.

### **Returns**

A string: the name of the library that is currently selected in the Tag Library editor; returns an empty string if no library is selected.

## **dreamweaver.tagLibrary.getSelectedTag()**

### **Availability**

Dreamweaver MX.

### **Description**

If an attribute node is currently selected, this function gets the name of the tag that contains the attribute.

### **Arguments**

None.

**Returns**

A string: the name of the tag that is currently selected in the Tag Library editor; returns an empty string if no tag is selected.

**`dreamweaver.tagLibrary.importDTDOrSchema()`****Availability**

Dreamweaver MX.

**Description**

This function imports a DTD or schema file from a remote server into the tag library.

**Arguments**

*fileURL, Prefix*

- The *fileURL* argument is the path to DTD or schema file, in local URL format.
- The *Prefix* argument is the prefix string that should be added to all tags in this tag library.

**Returns**

Name of the imported tag library.

**`dreamweaver.tagLibrary.getImportedTagList()`****Availability**

Dreamweaver MX.

**Description**

This function generates a list of `tagInfo` objects from an imported tag library.

**Arguments**

*libname*

- The *libname* argument is the name of the imported tag library.

**Returns**

Array of `tagInfo` objects.

A `tagInfo` object contains information about a single tag that is included in the tag library. The following properties are defined in a `tagInfo` object:

- The `tagName` property, which is a string
- The `attributes` property, which is an array of strings. Each string is the name of an attribute that is defined for this tag.

**Example:**

The following example shows that using the `dw.tagLibrary.getImportedTagList()` function can get an array of tags from the `libName` library:

```
// "fileURL" and "prefix" have been entered by the user.  
// tell the Tag Library to Import the DTD/Schema  
var libName = dw.tagLibrary.importDTDOrSchema(fileURL, prefix);  
  
// get the array of tags for this library  
// this is the TagInfo object  
var tagArray = dw.tagLibrary.getImportedTagList(libName);  
  
// now I have an array of tagInfo objects.  
// I can get info out of them. This gets info out of the first one.  
// note: this assumes there is at least one TagInfo in the array.  
var firstTagName = tagArray[0].name;  
var firstTagAttributes = tagArray[0].attributes;  
// note that firstTagAttributes is an array of attributes.
```

# Chapter 19: Enablers

Adobe® Dreamweaver® CS5 enabler functions determine whether another function can perform a specific operation in the current context. The function specifications describe the general circumstances under which each function returns a `true` value. However, the descriptions are not intended to be comprehensive and possibly excludes some cases in which the function would return a `false` value.

## Enabler functions

The enabler functions in the JavaScript API include the following functions.

### **dom.canAlign()**

#### **Availability**

Dreamweaver 3.

#### **Description**

Checks whether Dreamweaver can perform an Align Left, Align Right, Align Top, or Align Bottom operation.

#### **Arguments**

None.

#### **Returns**

A Boolean value that indicates whether two or more layers or hotspots are selected.

### **dom.canApplyTemplate()**

#### **Availability**

Dreamweaver 3.

#### **Description**

Checks whether Dreamweaver can perform an Apply To Page operation. This function is valid only for the active document.

#### **Arguments**

None.

#### **Returns**

A Boolean value that indicates whether the document is not a library item or a template, and that the selection is not within the `NOFRAMES` tag.

## **dom.canArrange()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform a Bring to Front or Move to Back operation.

### **Arguments**

None.

### **Returns**

A Boolean value that indicates whether a hotspot is selected.

## **dom.canClipCopyText()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform a Copy as Text operation.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the opening and closing offsets of the selection are different; `false` otherwise, to indicate that nothing has been selected.

## **dom.canClipPaste()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform a Paste operation.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the Clipboard contains any content that can be pasted into Dreamweaver; `false` otherwise.

## dom.canClipPasteText()

### Availability

Dreamweaver 3.

### Description

Checks whether Dreamweaver can perform a Paste as Text operation.

### Arguments

None.

### Returns

A Boolean value: `true` if the Clipboard contains any content that can be pasted into Dreamweaver as text; `false` otherwise.

## dom.canConvertLayersToTable()

### Availability

Dreamweaver 3.

### Description

Checks whether Dreamweaver can perform a Convert Layers to Table operation.

### Arguments

None.

### Returns

A Boolean value: `true` if all the content in the `BODY` section of the document is contained within layers; `false` otherwise.

## dom.canConvertTablesToLayers()

### Availability

Dreamweaver 3.

### Description

Checks whether Dreamweaver can perform a Convert Tables to Layers operation.

### Arguments

None.

### Returns

A Boolean value: `true` if all the content in the `BODY` section of the document is contained within tables, and the document is not based on a template; `false` otherwise.

## dom.canDecreaseColspan()

### Availability

Dreamweaver 3.

### Description

Checks whether Dreamweaver can perform a Decrease Colspan operation.

### Arguments

None.

### Returns

A Boolean value: `true` if the current cell has a `COLSPAN` attribute and that attribute's value is greater than or equal to 2; `false` otherwise.

## dom.canDecreaseRowspan()

### Availability

Dreamweaver 3.

### Description

Checks whether Dreamweaver can perform a Decrease Rowspan operation.

### Arguments

None.

### Returns

A Boolean value: `true` if the current cell has a `ROWSPAN` attribute and that attribute's value is greater than or equal to 2; `false` otherwise.

## dom.canDeleteTableColumn()

### Availability

Dreamweaver 3.

### Description

Checks whether Dreamweaver can perform a Delete Column operation.

### Arguments

None.

### Returns

A Boolean value: `true` if the insertion point is inside a cell or if a cell or column is selected; `false` otherwise.

## **dom.canDeleteTableRow()**

### **Description**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform a Delete Row operation.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the insertion point is inside a cell or if a cell or row is selected; `false` otherwise.

## **site.canEditColumns()**

### **Description**

Checks whether a site exists.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if a site exists; `false` otherwise.

## **dom.canEditNoFramesContent()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform an Edit No Frames Content operation.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the current document is a frameset or within a frameset; `false` otherwise.

## **dom.canIncreaseColspan()**

### **Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform an Increase Colspan operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if there are any cells to the right of the current cell; `false` otherwise.

## **dom.canIncreaseRowspan()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform an Increase Rowspan operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if there are any cells below the current cell; `false` otherwise.

## **dom.canInsertTableColumns()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform an Insert Column(s) operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the selection is inside a table; `false` if the selection is an entire table or is not inside a table.

## **dom.canInsertTableRows()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform an Insert Row(s) operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the selection is inside a table; `false` if the selection is an entire table or is not inside a table.

## **dom.canMakeNewEditableRegion()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a New Editable Region operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the current document is a template (DWT) file.

## **dom.canMarkSelectionAsEditable()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Mark Selection as Editable operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if there is a selection and the current document is a DWT file; `false` otherwise.

## **dom.canMergeTableCells()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Merge Cells operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the selection is an adjacent grouping of table cells; `false` otherwise.

## **dom.canPlayPlugin()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Play operation. This function is valid only for the active document.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the selection can be played with a plug-in.

## **dom.canRedo()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Redo operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if any steps remain to redo; `false` otherwise.

## **dom.canRemoveEditableRegion()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform an Unmark Editable Region operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the current document is a template; `false` otherwise.

## dom.canSelectTable()

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Select Table operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the insertion point or selection is within a table; `false` otherwise.

## dom.canSetLinkHref()

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can change the link around the current selection or create one if necessary.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the selection is an image, text, or if the insertion point is inside a link; `false` otherwise. A text selection is defined as a selection for which the Text Property inspector would appear.

## dom.canShowListPropertiesDialog()

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can show the List Properties dialog box.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the selection is within an `LI` tag; `false` otherwise.

## **dom.canSplitFrame()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform a Split Frame [Left | Right | Up | Down] operation.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the selection is within a frame; `false` otherwise.

## **dom.canSplitTableCell()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform a Split Cell operation.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the insertion point is inside a table cell or the selection is a table cell; `false` otherwise.

## **dom.canStopPlugin()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform a Stop operation.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the selection is currently being played with a plug-in; `false` otherwise.

## **dom.canUndo()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform an Undo operation.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if any steps remain to undo; `false` otherwise.

## **dom.hasTracingImage()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether the document has a tracing image.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the document has a tracing image; `false` otherwise.

## **dreamweaver.assetPalette.canEdit()**

### **Availability**

Dreamweaver 4.

### **Description**

Enables menu items in the Assets panel for editing.

### **Arguments**

None.

### **Returns**

Returns a Boolean value: `true` if the asset can be edited; `false` otherwise. Returns a `false` value for colors and URLs in the Site list, and returns a `false` value for a multiple selection of colors and URLs in the Favorites list.

## **dreamweaver.assetPalette.canInsertOrApply()**

### **Availability**

Dreamweaver 4.

### **Description**

Checks if the selected elements can be inserted or applied. Returns either a `true` or `false` value so the menu items can be enabled or disabled for insertion or application.

### **Arguments**

None.

### **Returns**

Returns a Boolean value: `true` if the selected elements can be inserted or applied; `false` if the current page is a template and the current category is Templates. The function also returns a `false` value if no document is open or if a library item is selected in the document and the current category is Library.

## **dreamweaver.canClipCopy()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform a Copy operation.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if there is any content selected that can be copied to the Clipboard; `false` otherwise.

## **dreamweaver.canClipCut()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform a Cut operation.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if there is any selected content that can be cut to the Clipboard; `false` otherwise.

## **dreamweaver.canClipPaste()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform a Paste operation.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the Clipboard contains any content that can be pasted into the current document or the active window in the Site panel (on the Macintosh, a text field in a floating panel or dialog box); `false` otherwise.

## **dreamweaver.canDeleteSelection()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can delete the current selection. Depending on the window that has focus, the deletion might occur in the Document window or the Site panel (on the Macintosh, in a text field in a dialog box or floating panel).

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the opening and closing offsets for the selection are different, which indicates that there is a selection; `false` if the offsets are the same, indicating that there is only an insertion point.

## **dreamweaver.canExportTemplateDataAsXML()**

### **Availability**

Dreamweaver MX.

### **Description**

Checks whether Dreamweaver can export the current document as XML.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if you can perform an export on the current document; `false` otherwise.

**Example**

The following example calls `dw.canExportTemplateDataAsXML()` to determine whether Dreamweaver can export the current document as XML and if it returns `true`, calls `dw.ExportTemplateDataAsXML()` to export it:

```
if(dreamweaver.canExportTemplateDataAsXML())
{
    dreamweaver.exportTemplateDataAsXML("file:///c|/dw_temp/mytemplate.txt")
}
```

## **dreamweaver.canFindNext()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Find Next operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if a search pattern has already been established; `false` otherwise.

## **dreamweaver.canFitSelection()**

**Availability**

Dreamweaver 8.

**Description**

Checks whether there is a selection in an active Design view, which means that `fitSelection()` can be called.

**Arguments**

None.

**Returns**

A Boolean value: `true` if there is a selection in an active Design view; `false` otherwise.

## **dreamweaver.canOpenInFrame()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform an Open in Frame operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the selection or insertion point is within a frame; `false` otherwise.

## **dreamweaver.canPasteSpecial()**

**Availability**

Dreamweaver 8.

**Description**

Checks whether Dreamweaver can perform a Paste Special operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if there is text, HTML, or Dreamweaver HTML on the Clipboard and focus is in Code View, Design View, or Code Inspector; `false` otherwise.

## **dreamweaver.canPlayRecordedCommand()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Play Recorded Command operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if there is an active document and a previously recorded command that can be played; `false` otherwise.

## **dreamweaver.canPopupEditTagDialog()**

**Availability**

Dreamweaver MX.

**Description**

Checks whether the current selection is a tag and whether the Edit Tag menu item is active.

**Arguments**

None.

**Returns**

The name of the currently selected tag or a `null` value if no tag is selected.

## **dreamweaver.canRedo()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Redo operation in the current context.

**Arguments**

None.

**Returns**

A Boolean value that indicates whether any operations can be undone.

## **dreamweaver.canRevertDocument()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Revert (to the last-saved version) operation.

**Arguments**

*documentObject*

- The *documentObject* argument is the object at the root of a document's DOM tree (the value that the `dreamweaver.getDocumentDOM()` function returns).

**Returns**

A Boolean value that indicates whether the document is in an unsaved state and a saved version of the document exists on a local drive.

## **dreamweaver.canSaveAll()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Save All operation.

**Arguments**

None.

**Returns**

A Boolean value that indicates whether one or more unsaved documents are open.

## **dreamweaver.canSaveDocument()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Save operation on the specified document.

**Arguments**

*documentObject*

- The *documentObject* argument is the root of a document's DOM (the same value that the `dreamweaver.getDocumentDOM()` function returns).

**Returns**

A Boolean value that indicates whether the document has any unsaved changes.

## **dreamweaver.canSaveDocumentAsTemplate()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Save As Template operation on the specified document.

**Arguments**

*documentObject*

- The *documentObject* argument is the root of a document's DOM (the same value that the `dreamweaver.getDocumentDOM()` function returns).

**Returns**

A Boolean value that indicates whether the document can be saved as a template.

## **dreamweaver.canSaveFrameset()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Save Frameset operation on the specified document.

**Arguments**

*documentObject*

- The *documentObject* argument is the root of a document's DOM (the same value that the `dreamweaver.getDocumentDOM()` function returns).

**Returns**

A Boolean value that indicates whether the document is a frameset with unsaved changes.

## **dreamweaver.canSaveFramesetAs()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Save Frameset As operation on the specified document.

**Arguments**

*documentObject*

- The *documentObject* argument is the root of a document's DOM (the same value that the `dreamweaver.getDocumentDOM()` function returns).

**Returns**

A Boolean value that indicates whether the document is a frameset.

## **dreamweaver.canSelectAll()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Select All operation.

**Arguments**

None.

**Returns**

A Boolean value that indicates whether a Select All operation can be performed.

## **dreamweaver.canShowFindDialog()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform a Find operation.

### **Arguments**

None.

### **Returns**

A Boolean value that is `true` if a Site panel or a Document window is open. This function returns the value `false` when the selection is in the `HEAD` section.

## **dreamweaver.canUndo()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform an Undo operation in the current context.

### **Arguments**

None.

### **Returns**

A Boolean value that indicates whether any operations can be undone.

## **dreamweaver.canZoom()**

### **Availability**

Dreamweaver 8.

### **Description**

Checks to see if there is an active Design view or Live view, which means that basic zoom commands can be applied.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if there is an active Design view; `false` otherwise.

## **dreamweaver.cssRuleTracker.canEditSelectedRule()**

### **Availability**

Dreamweaver MX 2004.

### **Description**

Checks whether the Property Grid editor can be applied to the selected rule. Because the Property Grid can display rules in locked files, a return value of `true` does not guarantee that the rule can be modified.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the Property Grid editor can be applied to the selected rule; `false` otherwise.

### **Example**

The following code checks whether the enabler function has been set to the value `true` before allowing edits to the selected rule:

```
if(dw.cssRuleTracker.canEditSelectedRule()) {  
    dw.cssRuleTracker.editSelectedRule();  
}
```

## **dreamweaver.cssStylePalette.canApplySelectedStyle()**

### **Availability**

Dreamweaver MX.

### **Description**

Checks the current active document to see whether the selected style can be applied.

### **Arguments**

*{pane}*

- The *pane* argument, which is optional, is a string that specifies the pane of the Styles panel to which this function applies. Possible values are "stylelist", which is the list of styles in "All" mode; "cascade", which is the list of applicable, relevant rules in "Current" mode; "summary", which is the list of properties for the current selection in "Current" mode; and "ruleInspector", which is the editable list or grid of properties in "Current" mode. The default value is "stylelist".

### **Returns**

A Boolean value: `true` if the selected style has a class selector; `false` otherwise.

## **dreamweaver.cssStylePalette.canDeleteSelectedStyle()**

### **Availability**

Dreamweaver MX.

**Description**

Checks the current selection to determine whether the selected style can be deleted.

**Arguments**{*pane*}

- The *pane* argument, which is optional, is a string that specifies the pane of the Styles panel to which this function applies. Possible values are "stylelist", which is the list of styles in "All" mode; "cascade", which is the list of applicable, relevant rules in "Current" mode; "summary", which is the list of properties for the current selection in "Current" mode; and "ruleInspector", which is the editable list or grid of properties in "Current" mode. The default value is "stylelist".

**Returns**

A Boolean value: `true` if the selection can be deleted; `false` otherwise.

**`dreamweaver.cssStylePalette.canDuplicateSelectedStyle()`****Availability**

Dreamweaver MX.

**Description**

Checks the current active document to see whether the selected style can be duplicated.

**Arguments**{*pane*}

- The *pane* argument, which is optional, is a string that specifies the pane of the Styles panel to which this function applies. Possible values are "stylelist", which is the list of styles in "All" mode; "cascade", which is the list of applicable, relevant rules in "Current" mode; "summary", which is the list of properties for the current selection in "Current" mode; and "ruleInspector", which is the editable list or grid of properties in "Current" mode. The default value is "stylelist".

**Returns**

A Boolean value: `true` if the selected style can be duplicated; `false` otherwise.

**`dreamweaver.cssStylePalette.canEditSelectedStyle()`****Availability**

Dreamweaver MX.

**Description**

Checks the current active document to see whether the selected style can be edited.

**Arguments**{*pane*}

- The *pane* argument, which is optional, is a string that specifies the pane of the Styles panel to which this function applies. Possible values are "stylelist", which is the list of styles in "All" mode; "cascade", which is the list of applicable, relevant rules in "Current" mode; "summary", which is the list of properties for the current selection in "Current" mode; and "ruleInspector", which is the editable list or grid of properties in "Current" mode. The default value is "stylelist".

**Returns**

A Boolean value: `true` if the selected style is editable; `false` otherwise.

## **dreamweaver.cssStylePalette.canEditSelectedStyleInCodeview()**

**Availability**

Dreamweaver MX.

**Description**

Checks the current active document to see whether the selected style can be edited in Code view.

**Arguments**{*pane*}

- The *pane* argument, which is optional, is a string that specifies the pane of the Styles panel to which this function applies. Possible values are "stylelist", which is the list of styles in "All" mode; "cascade", which is the list of applicable, relevant rules in "Current" mode; "summary", which is the list of properties for the current selection in "Current" mode; and "ruleInspector", which is the editable list or grid of properties in "Current" mode. The default value is "stylelist".

**Returns**

A Boolean value: `true` if the selected style is editable; `false` otherwise.

## **dreamweaver.cssStylePalette.canEditStyleSheet()**

**Availability**

Dreamweaver MX.

**Description**

Checks the current selection to see whether it contains style sheet elements that can be edited.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the selection is a style sheet node or a style definition within a style sheet node and the style sheet is neither hidden nor this document; `false` if the selection is hidden or in this document.

## **dreamweaver.cssStylePalette.canRenameSelectedStyle()**

### **Availability**

Dreamweaver MX.

### **Description**

Checks the current active document to see whether the selected style can be renamed.

### **Arguments**

*{pane}*

- The *pane* argument, which is optional, is a string that specifies the pane of the Styles panel to which this function applies. Possible values are "stylelist", which is the list of styles in "All" mode; "cascade", which is the list of applicable, relevant rules in "Current" mode; "summary", which is the list of properties for the current selection in "Current" mode; and "ruleInspector", which is the editable list or grid of properties in "Current" mode. The default value is "stylelist".

### **Returns**

A Boolean value: `true` if the selected style can be renamed; `false` otherwise.

## **dreamweaver.isRecording()**

### **Availability**

Dreamweaver 3.

### **Description**

Reports whether Dreamweaver is currently recording a command.

### **Arguments**

None.

### **Returns**

A Boolean value that indicates whether Dreamweaver is recording a command.

## **dreamweaver.htmlStylePalette.canEditSelection()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can edit, delete, or duplicate the selection in the HTML Styles panel.

### **Arguments**

None.

**Returns**

A Boolean value: `true` if Dreamweaver can edit, delete, or duplicate the selection in the HTML Styles panel; `false` if no style is selected or if one of the clear styles is selected.

**`dreamweaver.resultsPalette.canClear()`****Availability**

Dreamweaver MX.

**Description**

Checks whether you can clear the contents of the Results panel that is currently in focus.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the contents can clear; `false` otherwise.

**`dreamweaver.resultsPalette.canCopy()`****Availability**

Dreamweaver MX.

**Description**

Checks whether the current Results window can display a copied message in its contents.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the contents can display; `false` otherwise.

**`dreamweaver.resultsPalette.canCut()`****Availability**

Dreamweaver MX.

**Description**

Checks whether the current Results window can display a Cut message in its contents.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the contents can display; `false` otherwise.

## **dreamweaver.resultsPalette.canPaste()**

### **Availability**

Dreamweaver MX.

### **Description**

Checks whether the current Results window can display a Paste message in its contents.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the contents can display; `false` otherwise.

## **dreamweaver.resultsPalette.canOpenInBrowser()**

### **Availability**

Dreamweaver MX.

### **Description**

Checks whether the current report can display in a browser.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the contents can display; `false` otherwise.

## **dreamweaver.resultsPalette.canOpenInEditor()**

### **Availability**

Dreamweaver MX.

### **Description**

Checks whether the current report can display in an editor.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the contents can display; `false` otherwise.

## **dreamweaver.resultsPalette.canSave()**

### **Availability**

Dreamweaver MX.

### **Description**

Checks whether the Save dialog box can open for the current panel. Currently, the Site Reports, Target Browser Check, Validation, and Link Checker panels support the Save dialog box.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the Save dialog box can appear; `false` otherwise.

## **dreamweaver.resultsPalette.canSelectAll()**

### **Availability**

Dreamweaver MX.

### **Description**

Checks whether a Select All message can be sent to the window that is currently in focus.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the Select All message can be sent; `false` otherwise.

## **dreamweaver.siteSyncDialog.canCompare()**

### **Availability**

Dreamweaver 8.

### **Description**

This function checks whether the Compare context menu in the Site Synchronize dialog box can be displayed.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the Compare context menu in the Site Synchronize dialog box can be displayed; `false` otherwise.

## **dreamweaver.siteSyncDialog.canMarkDelete()**

### **Availability**

Dreamweaver 8.

### **Description**

This function checks whether the Change Action to Delete context menu in the Site Synchronize dialog box can be displayed.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the Change Action to Delete context menu can be displayed; `false` otherwise.

## **dreamweaver.siteSyncDialog.canMarkGet()**

### **Availability**

Dreamweaver 8.

### **Description**

This function checks whether the Change Action to Get context menu in the Site Synchronize dialog box can be displayed.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the Change Action to Get context menu can be displayed; `false` otherwise.

## **dreamweaver.siteSyncDialog.canMarkIgnore()**

### **Availability**

Dreamweaver 8.

### **Description**

This function checks whether the Change Action to Ignore context menu in the Site Synchronize dialog box can be displayed.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the Change Action to Ignore context menu can be displayed; `false` otherwise.

## **dreamweaver.siteSyncDialog.canMarkPut()**

### **Availability**

Dreamweaver 8.

### **Description**

This function checks whether the Change Action to Put context menu in the Site Synchronize dialog box can be displayed.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the Change Action to Put context menu can be displayed; `false` otherwise.

## **dreamweaver.siteSyncDialog.canMarkSynced()**

### **Availability**

Dreamweaver 8.

### **Description**

This function checks whether the Change Action to Synced context menu in the Site Synchronize dialog box can be displayed.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the Change Action to Synced context menu can be displayed; `false` otherwise.

## **dreamweaver.snippetpalette.setEditableSnippet()**

### **Availability**

Dreamweaver MX.

### **Description**

Checks whether you can edit the currently selected item and returns either a `true` or `false` value so you can enable or disable menu items for editing.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if you can edit the currently selected item; `false` otherwise.

## **dreamweaver.snippetpalette.canInsert()**

### **Availability**

Dreamweaver MX.

### **Description**

Checks whether you can insert or apply the selected element and returns either a `true` or `false` value so you can enable or disable menu items for inserting or applying.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if you can insert or apply the selected element; `false` otherwise.

## **site.browseDocument()**

### **Availability**

Dreamweaver 4.

### **Description**

Opens all selected documents in a browser window. It is the same as using the Preview in Browser command.

### **Arguments**

*browserName*

- The *browserName* argument is the name of a browser as defined in the Preview in Browser preferences. If omitted, this argument defaults to the user's primary browser.

### **Returns**

Nothing.

## **site.canCheckIn()**

### **Availability**

Dreamweaver 3.

### **Description**

Determines whether Dreamweaver can perform a Check In operation.

### **Arguments**

*siteOrURL*

- The *siteOrURL* argument must be the `site` keyword, which indicates that the function should act on the selection in the Site panel or the URL for a single file.

**Returns**

A Boolean value: `true` if the following conditions are true; `false` otherwise:

- A remote site has been defined.
- If a document window has focus, the file has been saved in a local site; or, if the Site panel has focus, one or more files or folders are selected.
- The Check In/Check Out feature is turned on for the site.

## **site.canCheckOut()**

**Availability**

Dreamweaver 3.

**Description**

Determines whether Dreamweaver can perform a Check Out operation on the specified file or files.

**Arguments**

*siteOrURL*

- The `siteOrURL` argument must be the `site` keyword, which indicates that the function should act on the selection in the Site panel or the URL for a single file.

**Returns**

A Boolean value: `true` if all the following conditions are true; `false` otherwise:

- A remote site has been defined.
- If a document window has focus, the file is part of a local site and is not already checked out; or, if the Site panel has focus, one or more files or folders are selected and at least one of the selected files is not already checked out.
- The Check In/Check Out feature is turned on for the site.

## **site.canCloak()**

**Availability**

Dreamweaver MX.

**Description**

Determines whether Dreamweaver can perform a Cloaking operation.

**Arguments**

*siteOrURL*

- The `siteOrURL` argument must be the `site` keyword, which indicates that the `canCloak()` function should act on the selection in the Site panel or the URL of a particular folder, which indicates that the `canCloak()` function should act on the specified folder and all its contents.

**Returns**

A Boolean value: `true` if Dreamweaver can perform the Cloaking operation on the current site or the specified folder; `false` otherwise.

## **site.canCompareFiles()**

**Availability**

Dreamweaver 8.

**Description**

This function checks whether Dreamweaver can perform the Compare function on selected files.

**Arguments**

None.

**Returns**

A Boolean value: `true` if two files (one local file and one remote file, two local files, or two remote files) are selected; `false` otherwise.

## **site.canConnect()**

**Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can connect to the remote site.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the current remote site is an FTP site; `false` otherwise.

## **site.canDisplaySyncInfoForFile()**

**Availability**

Dreamweaver CS3

**Description**

Determines whether Dreamweaver can perform the `displaySyncInfoForFile` operation.

**Arguments**

*path, 'site'*

- *path* is the URL to a local file.

- 'site' indicates that the function uses the file selected in the Site panel.

**Returns**

Returns `true` if one selected file is in the local file view (if 'site' is the parameter) or `true` if the path passed in is part of a site. Returns `false` otherwise.

**site.canGet()****Availability**

Dreamweaver 3.

**Description**

Determines whether Dreamweaver can perform a Get operation.

**Arguments**

`siteOrURL`

- The `siteOrURL` argument must be the `site` keyword, which indicates that the function should act on the selection in the Site panel or the URL for a single file.

**Returns**

If the argument is `site`, a Boolean value that indicates whether one or more files or folders is selected in the Site panel and a remote site has been defined. If the argument is a URL, a Boolean value that indicates whether the document belongs to a site for which a remote site has been defined.

**site.canLocateInSite()****Availability**

Dreamweaver 3, and updated in CS4.

**Description**

Determines whether Dreamweaver can perform a Locate in Local Site or Locate in Remote Site operation (depending on the argument).

**Arguments**

`localOrRemote, siteOrURL`

- The `localOrRemote` argument must be either `local` or `remote`.
- The `siteOrURL` argument must be the `site` keyword. The keyword indicates that the function must act on the selection in the Site panel or the URL for a single file.

**Returns**

One of the following values:

- A Boolean value that indicates whether the document belongs to a site. The Boolean value is returned if the first argument is the keyword `local` and the second argument is a URL.

- A Boolean value. The Boolean value is returned if the first argument is the keyword `remote` and the second argument is a URL. The Boolean value indicates:
  - Whether the document belongs to a site for which a remote site has been defined.
  - Whether the hard drive is mounted, if the server type is Local/Network.
- A Boolean value that indicates whether both windows contain site files and whether the selection is in the opposite pane from the argument. The Boolean value is returned if the second argument is the keyword `site`.

## **site.canMakeEditable()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform a Turn Off Read Only operation.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if Dreamweaver can perform a Turn Off Read Only operation; `false` if one or more of the selected files is locked.

## **site.canMakeNewFileOrFolder()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can perform a New File or New Folder operation in the Site panel.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if any files are visible in the selected pane of the Site panel; `false` otherwise.

## **site.canOpen()**

### **Availability**

Dreamweaver 3.

### **Description**

Checks whether Dreamweaver can open the files or folders that are currently selected in the Site panel.

**Arguments**

None.

**Returns**

A Boolean value: `true` if any files or folders are selected in the Site panel; `false` otherwise.

**site.canPut()****Availability**

Dreamweaver 3.

**Description**

Determines whether Dreamweaver can perform a Put operation.

**Arguments**

*siteOrURL*

- The *siteOrURL* argument must be the `site` keyword, which indicates that the function should act on the selection in the Site panel, or the URL for a single file.

**Returns**

One of the following values:

- If the argument is the keyword `site`, returns the value `true` if any files or folders are selected in the Site panel and a remote site has been defined; otherwise `false`.
- If the argument is a URL, returns the value `true` if the document belongs to a site for which a remote site has been defined; otherwise `false`.

**site.canRecreateCache()****Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Recreate Site Cache operation.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the Use Cache To Speed Link Updates option is enabled for the current site.

**site.canRefresh()****Availability**

Dreamweaver 3.

**Description**

Checks whether Dreamweaver can perform a Refresh [Local | Remote] operation.

**Arguments**

*localOrRemote*

- The *localOrRemote* argument must be either the `local` or `remote` keyword.

**Returns**

A value of `true` if the *localOrRemote* argument is the `local` keyword; otherwise, a Boolean value that indicates whether a remote site has been defined.

## site.canSelectAllCheckedOutFiles()

**Availability**

Dreamweaver 4.

**Description**

Determines whether the current working site has the Check In/Check Out feature enabled.

**Arguments**

None.

**Returns**

A Boolean value: `true` if the site allows Check In/Check Out; `false` otherwise.

## site.canSelectNewer()

**Availability**

Dreamweaver 3.

**Description**

Determines whether Dreamweaver can perform a Select Newer [Remote | Local] operation.

**Arguments**

*localOrRemote*

- The *localOrRemote* argument must be either the `local` or `remote` keyword.

**Returns**

A Boolean value that indicates whether the document belongs to a site for which a remote site has been defined.

## site.canSynchronize()

**Availability**

Dreamweaver 3.

**Description**

Determines whether Dreamweaver can perform a Synchronize operation.

**Arguments**

None.

**Returns**

A Boolean value that indicates whether a remote site has been defined.

## **site.canUncloak()**

**Availability**

Dreamweaver MX.

**Description**

Determines whether Dreamweaver can perform an uncloaking operation.

**Arguments**

*siteOrURL*

- The *siteOrURL* argument must be the `site` keyword, which indicates that the `canUncloak()` function should act on the selection in the Site panel or the URL of a particular folder, which indicates that the `canUncloak()` function should act on the specified folder and all its contents.

**Returns**

A Boolean value: `true` if Dreamweaver can perform the uncloaking operation on the current site or the specified folder; `false` otherwise.

## **site.canUndoCheckOut()**

**Availability**

Dreamweaver 3.

**Description**

Determines whether Dreamweaver can perform an Undo Check Out operation.

**Arguments**

*siteOrURL*

- The *siteOrURL* argument must be the `site` keyword, which indicates that the function should act on the selection in the Site panel or the URL for a single file.

**Returns**

A Boolean value: `true` if the specified file or at least one of the selected files is checked out.

## **site.canViewAsRoot()**

### **Availability**

Dreamweaver 3.

### **Description**

Determines whether Dreamweaver can perform a View as Root operation.

### **Arguments**

None.

### **Returns**

A Boolean value: `true` if the specified file is an HTML or Flash file; `false` otherwise.