



v3.5
STANDARD

Add Ons Reference Guide



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1 — Introduction

enVivo!CMS Classic Add Ons are designed for expanding and enhancing the functionality of enVivo!CMS Classic. These Add Ons add extra functionality to your website (for example password protection) otherwise not provided with enVivo!CMS Classic.

These Add Ons include:

- Dynamic DHTML Menus,
- Flash Integration, and
- Javascript Sitemap.

2 — Dynamic DHTML Menus

The Dynamic DHTML Menus Add On for enVivo!CMS Classic allows your website to have DHTML Menus that are generated based on content in the enVivo!CMS Classic database. Typically, DHTML Menus needed to be manually created in the past and were difficult to maintain because they needed to be modified by experienced technical staff.

The Dynamic DHTML Menu Add On is a series of ASP Functions that integrate into your ASP Page Templates.

The to implement the Dynamic DHTML Menus:

1. Upload the DHTML Menu files to your web server.
2. Include the Dynamic DHTML Menu Functions into your ASP Page Template.
3. Generate the Javascript needed to display the DHTML Menus in your ASP Page Templates <head> section.
4. Place the DHTML Menu(s) onto your page.

Below is a sample of a DHTML Menu ASP Page Template file that demonstrates how an ASP Template with Dynamic DHTML Menu should be set up.



```

<!-- #include file="envivocms/envivodisplayAPI.asp" -->
<!-- #include file="dhtml_menus_functions.asp" -->
<html>
<head>
. . .
<%=CB("header_script") %>
<%=DHTMLMenuStart(00000, 500, 100, 200, 200, 10, 10) %>
<%=AddDHTMLMenuStyle("MenuStyle1", "white_bold", "white_bold", 0, "", 0, "right", "", "") %>
<%=AddDHTMLMenuStyle("MenuStyle2", "MenuOn", "MenuOff", 3, "images/arrow.gif", 3, "right", "", "") %>
<%=GenerateDHTMLMenu("ProductInfo", 8, 1, "MenuStyle2", "rank", "categoryname") %>
<%=GenerateDHTMLMenu("Support", 4, 2, "MenuStyle2", "rank", "categoryname") %>
<%=GenerateDHTMLMenu("Partners", 6, 2, "MenuStyle2", "rank", "categoryname") %>
<%=GenerateDHTMLMenu("AboutUs", 7, 2, "MenuStyle2", "rank", "categoryname") %>
<%=DHTMLMenuEnd() %>
. . .
</head>
<body>
. . .
<table width="760" align="left" border="0" cellpadding="0" cellspacing="0">
<tr>
<td><a href="."/ ><span class="white_bold">Home</span></a></td>
<td><%=PlaceDHTMLMenu("ProductInfo", "Product Info", "", "", "MenuStyle1", "horizontal") %></td>
<td><%=PlaceDHTMLMenu("Support", "Support", "", "", "MenuStyle1", "horizontal") %></td>
<td><%=PlaceDHTMLMenu("Partners", "Partners", "", "", "MenuStyle1", "horizontal") %></td>
<td><%=PlaceDHTMLMenu("AboutUs", "About Us", "", "", "MenuStyle1", "horizontal") %></td>
<td><a href="shop/" ><span class="white_bold">Store</span></a></td>
</tr>
</table>
. . .
<%=Content() %>
. . .
</body>
</html>

```

UPLOAD THE DHTML MENU FILES TO YOUR WEB SERVER

With your FTP application, upload the files contained in the ZIP file to your web server's enVivo!CMS Classic Root Directory (i.e. the directory where visitors browse that also contains default.asp). The files are:

- Dhtml_menus_functions.asp
- Milonic_src.js
- MmenuDOM.js
- Mmenus4.js.

INCLUDING THE DHTML MENU FUNCTIONS

To include the DHTML Menu functions into your ASP Page Template, simply place this line of code into your ASP Page Template directly below the include for envivodisplayAPI.asp, e.g:

```

<!-- #include file="envivocms/envivodisplayAPI.asp" -->
<!-- #include file="DHTML_Menus_Functions.asp" -->

```

GENERATING THE DHTML HEADER

In order to generate the DHTML Menus, some Javascript must be placed in the ASP Page Template's <head> section. This javascript is generated via ASP Functions dynamically. An example of this is:

```
<%=DHTMLMenuStart(00000, 500, 100, 200, 200, 10, 10) %>  
<%=AddDHTMLMenuStyle("MenuStyle1", "white_bold", "white_bold",  
0, "", 0, "right", "", "") %>  
<%=AddDHTMLMenuStyle("MenuStyle2", "MenuOn", "MenuOff", 3,  
"images/arrow.gif", 3, "right", "", "") %>  
<%=GenerateDHTMLMenu("ProductInfo", 8, 1, "MenuStyle2", "rank",  
"categoryname") %>  
<%=GenerateDHTMLMenu("Support", 4, 2, "MenuStyle2", "rank",  
"categoryname") %>  
<%=GenerateDHTMLMenu("Partners", 6, 2, "MenuStyle2", "rank",  
"categoryname") %>  
<%=GenerateDHTMLMenu("AboutUs", 7, 2, "MenuStyle2", "rank",  
"categoryname") %>  
<%=DHTMLMenuEnd() %>
```

The functions used in the <head> section of your ASP Page Template are:

- **DHTMLMenuStart** - Starts the <head> section DHTML/Javascript.
- **AddDHTMLMenuStyle** - Creates a DHTML Menu Style.
- **GenerateDHTMLMenu** - Generates the menu based on a starting category.
- **DHTMLMenuEnd** - Finalizes the <head> section DHTML/Javascript.



note!

You must have at least one DHTML Menu Style.

DHTMLMenuStart Function

Starts the <head> section DHTML/Javascript.

Usage

```
DHTMLMenuStart(LicenseNumber, MenuCloseDelay,  
MenuOpenDelay, FollowSpeed, FollowRate, SubOffsetTop,  
SubOffsetLeft)
```

Attributes

- *LicenseNumber* - The Milonic License Number as issued by enVivo!soft.
- *MenuCloseDelay* - The delay in milliseconds that a menu closes after the mouse is moved off the menu.
- *MenuOpenDelay* - The delay in milliseconds before a menu is opened when the mouse is moved over it.
- *FollowSpeed* - (for floating menus only) The speed that the menu follows page scrolling.
- *FollowRate* - The rate at which follow scrolling happens.

AddDHTMLMenuStyle Function

Adds a DHTML Menu Style ("look and feel") based on a CSS Style Class which you have defined in your CSS file.

Usage

```
AddDHTMLMenuStyle(StyleName, OnCSSClass, OffCSSClass,  
Padding, SubImage, SubImagePadding, SubImagePosition,  
OverFilter, OutFilter)
```

Attributes

- *StyleName* - The name of the style you're creating. This name is used later when generating menus.
- *OnCSSClass* - The CSS Class which defines what a menu will look like when the mouse is over the item.
- *OffCSSClass* - The CSS Class which defines what a menu will look like when the mouse is NOT over the item.
- *Padding* - The number of pixels of padding around each menu item.
- *SubImage* - A relative link to an image what will be used when a menu item has submenus. E.g. "images/menu/arrow.gif".
- *SubImagePadding* - The number of pixels of padding around the sub-menu image.
- *SubImagePosition* - The position of the sub-menu image based on valid CSS values. Valid values are: top, left, right, center, middle or bottom.



note!

Both the *OverFilter* and *OutFilter* properties will be ignored by non-supporting web browsers.

- *OverFilter* - Declares Microsoft Internet Explorer 5.5+ filters and transitions when the mouse is moved over a menu.
- *OutFilter* - Declares Microsoft Internet Explorer 5.5+ filters and transitions when the mouse is moved off a menu.

GenerateDHTMLMenu Function

This function is the most important function that generates the DHTML for a menu based on a starting category.

Usage

```
GenerateDHTMLMenu(MenuName, StartCategoryID, MenuType, Style, OrderArticles, OrderCategories)
```

Attributes

- *MenuName* - An arbitrary and unique name designated to the menu. This is used when placing the menu on your page.
- *StartCategoryID* - The Category ID from where the menu is to be generated.
- *MenuType* - This attribute determines what type of menu will be generated. Valid values are:
 1. Menu with subcategories and articles from *StartCategoryID*. This does not traverse deeper into the category hierarchy.
 2. Menu with articles only from *StartCategoryID*. This does not traverse deeper into the category hierarchy.
 3. Menu With subcategories only from *StartCategoryID*. This does not traverse deeper into the category hierarchy.
 4. Menu with articles and subcategories including articles from *StartCategoryID*. This menu traverses the category hierarchy creating sub-menus.
 5. Menu With sub-categories only from *StartCategoryID*. This menu type traverses deeper creating sub-menus.
- *Style* - The style that the menu will look like as generated by `AddDHTMLMenuStyle`. Refer to [AddDHTMLMenuStyle Function](#) on page 4.
- *OrderArticles* - The order of articles in the menu. This can be any valid article field name.
- *OrderCategories* - The order of categories in the menu. This can be any valid category field name.

DHTMLMenuEnd Function

This function ends the DHTML/Javascript in the <head> section of your ASP Page Template.

Usage

```
DHTMLMenuEnd( )
```

Attributes

There are no attributes for this function.

PLACING THE DHTML MENUS

Once your menu's DHTML has been generated in the <head> section of your ASP Page Template, the menu(s) need to be placed in order for them to appear on your page. DHTML Menus are placed relatively on a page wherever you call the function. Thus, if you want to place the menu within a table cell, call the function in that table cell.

PlaceDHTMLMenu Function

Places one or more DHTML Menus as defined with the GenerateDHTMLMenu Function onto a page.

Usage

```
PlaceDHTMLMenu(MenuNames, MenuTexts, MenuURLs,  
MenuImages, MenuStyle, Orientation)
```

Attributes

- *MenuNames* - The names of the menus, separated by commas, as defined by one or more of the GenerateDHTMLMenu Function calls in the order that you want them to appear. This order is maintained for the other attributes in this Function.
- *MenuTexts* - The text, separated by commas, that will appear at the top of the menu(s). If images are used, then this attribute should be an empty string.
- *MenuURLs* - If the menu place holders are to be clickable, then the URL links should be placed in this attribute, separated by commas.
- *MenuImages* - If the menu place holders are to be images as opposed to text, then relative links to the images should be placed here separated by commas.
- *MenuStyle* - The style of the menu place holder as defined with the AddDHTMLMenuStyle Function. This may be a different style than what was used with GenerateDHTMLMenu.
- *Orientation* - If more than one menu is being placed, this attribute determines whether the menus will be horizontal or vertical. Valid values are: "horizontal" or "vertical".

3 — Flash Integration

The enVivo!CMS Classic Flash Integration Add On allows you to draw content from the enVivo!CMS Classic database and display it in Macromedia Flash thereby reducing the cost of maintaining Flash websites.

The Flash Integration Add On is a stand-alone ASP file called `flash_content_server.asp`. It acts as an intermediary between the SWF file running on the visitor's web browser and the enVivo!CMS Classic database.

To implement Flash Integration, your FLA file makes HTTP server calls to `flash_content_server.asp` with values in the querystring that determine what content is to be displayed. The querystring values are functionally identical to the querystring values used with `default.asp` (i.e., action, ID, limit, order, sort, etc.) with the addition of the "fields" value which allows you to limit what fields are returned to the Flash presentation. The Flash Integration ASP file then returns a series of variables which your FLA file then displays in the presentation. For example:

```
http://www.yoursite.com/  
flash_integration_server.asp?action=article&ID=23
```

This will display article 23 from the enVivo!CMS Classic database.

To install Flash Integration, simply FTP `flash_content_server.asp` to your enVivo!CMS Classic Root Directory where `default.asp` is located.

QueryString Values

Action

What type of content is to be returned. Valid values are article or category.

ID

The ID of the content to be returned based on what action is called.

Limit

The number of articles to return if the action is category. 0 for all.

Order

The order that articles are to be returned. This is any valid article field.

Sort

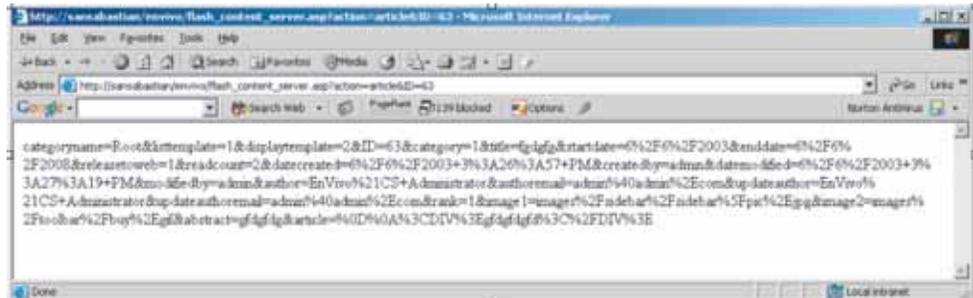
The sorting of the articles. Valid values are "asc" for ascending and "desc" for descending.

Fields

A comma delimited set of valid article fields which limits the data returned to just the fields specified. If this value is omitted then all fields are returned. Using this can increase the performance of SWF/Server activity.

Returned Data

To experiment with Flash Integration, you can type in a valid call to flash_content_server.asp in your web browser to view what is returned. Data returned by flash_content_server.asp is similar to a querystring and is also escaped for ease of integration into Flash.





4 — Javascript Sitemap

The Javascript Sitemap Add On is a dynamic overview of the categories in your site which allows visitors to navigate to any part of your website. The enVivo!CMS Classic administrator can determine which categories will appear in the Sitemap by checking or unchecking the "Display In Category Lists" attribute of each category.

INSTALLING THE JAVASCRIPT SITEMAP

To install the Javascript Sitemap, simply upload the files contained within the ZIP file to your web server's enVivo!CMS Classic Root Directory, where default.asp is located. The files are:

- Dtree.css
- Dtree.js
- Sitemap_functions.asp

CREATING AN ASP PAGE TEMPLATE FOR THE SITEMAP

In order to allow your sitemap to be displayed, it must be contained in its own ASP Page Template that is not used by any category. In this example, we will use the filename tmp_sitemap.asp. The ASP Page Template used by the Sitemap does not contain the Content() function but rather uses the SiteMap() Function in it's place which generates the Sitemap. Then, you link to tmp_sitemap.asp from your website using an external link.

In addition to the Sitemap() Function, you need to call the SiteMapHeader() Function in the ASP Page Template's <head> section. This function imports the Javascript functions along with the Sitemap's Tree CSS Styles.

SiteMapHeader Function

Places the Sitemap tree's Javascript and Cascading Style Sheet calls into the ASP Page Template's <head> section.

Usage

```
SiteMapHeader( )
```

Attributes

There are no attributes for this function.

SiteMap Function

Places the Javascript Sitemap onto a page.

Usage

```
SiteMap(StartCategoryID, ShowArticles)
```

Attributes

- *StartCategoryID* - The ID of the category where the Sitemap tree is to start traversing through the category hierarchy. Typically, this would be the ID of your Root Category.
- *ShowArticles* - A Boolean attribute that determines whether articles are to be included as nodes in the Sitemap tree.

caution!

Do not set this to "True" if you have many articles in your site. This will put unnecessary load on your web server.