enVivo!CMS CLASSIC
TAKE CONTROL OF YOUR WEBSITE

v3.5
PROFESSIONAL
/ ENTERPRISE

Display API Reference

enVivo!CMS Classic End User License Agreement (EULA)

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SECTION 1

The enVivo!CMS Classic Display API Reference is intended for web programmers who wish to have tighter control over their ASP Page Templates and ASP code.

This reference will assist web programmers to run their own ASP code along side of enVivo!CMS code through the use of ASP Page Templates. For details regarding ASP Page Templates and how to implement them, refer to Creating ASP Page Templates on page 40 in the enVivo!CMS Classic v3.5 Professional / Enterprise Design Guide.   Alternatively, it will assist programmers to extract data from the enVivo database in order to perform some advanced formatting function such as dynamic navigation.

There are two components that are available to web programmers:

• Variables, and
• Functions.

1 — Constants

Constant Name	Data Type	Value	Description
DBCONNECTIONSTRING	String	N/A	Your DBCONNECTIONSTRING as defined in inc_config.asp. This is useful for making further queries to your enVivo!CMS Classic database. However it is suggested that you use envivoCON – an open ADO Connection.

SECTION 2

2 — Variables

Variables are values that programmers may use to perform other functions. They are:

Variable Name	Data Type	Possible Values	Description
EnVivo_Action	String	Article|Category|Search	The current action as called from the "action=" QueryString part of the URL.
EnVivoCON	ADO Connection Object		An Open ADO Connection Object to the enVivo!CMS Classic Database. Is used for custom queries.
EnVivo_CurrentCategory	Long Integer		The ID of the current category. If the Action is Article then it is the ID the Article Belongs to. If Action is Category then it is the ID of the current category. Is NULL if the Action is Search or other.
EnVivo_ID	Long Integer		The Current ID as called from the "ID=" Querystring part of the URL.
EnVivo_Limit	Long Integer		The number of articles that will be displayed if EnVivo_Action is "category" or "search". Is NULL if EnVivo_Action is Article.
EnVivo_Order	String	Any Article Field	The order of the articles when EnVivo_Action is "category" or "search". Is NULL if EnVivo_Action is "Article".
EnVivo_PreviewMode	Boolean	True|False	Is True if the page is being previewed from Web Content Manager. Unpublished Articles and Articles outside of their live period (i.e. before their start date and past the end date) will display.
EnVivo_PrinterFriendlyMode	Boolean	True|False	Is True if the page requested is running in Printer Friendly Mode.
EnVivo_Sort	String	Asc|Desc	The sort of the articles based on EnVivo_Order when EnVivo_Action is "category" or "search". Is NULL if EnVivo_Action is "Article". Asc = Ascending; desc = descending.

SECTION 3

3 — Functions

Functions should be called in your ASP Page Template enclosed in the ASP delimeters `<%` and `%>`.

Additionally, within the ASP delimeters, ASP needs to be told to send the results of the function to the browser by either using the `=` sign or the `Response.Write` statement. For more information about ASP, refer to the Microsoft ASP Language Reference at http://msdn.microsoft.com/scripting.

```
<%=FunctionName(argument1, argument2) %>
```

Or

```
<% Response.Write FunctionName(argument1, argument2) %>
```

The Functions in enVivo!CMS Classic Display API Reference will return either as HTML or as an ADO Recordset.

The HTML Functions are as follows:

- AL Function
- CB Function
- CL Function
- ContactUsLink Function
- Content Function
- ContentBlockByID Function
- GetCategoryName Function
- NavBar Function

- PageTitle Function
- PrinterFriendlyLink Function
- RandomCB Function
- SearchButton Function
- SearchField Function
- SiteName Function
- TellAFriendLink Function

The ADO Recordset Functions are as follows:

- GetArticle Function
- GetArticlesFromCategory Function
- GetCategory Function
- GetSubCategories Function

SECTION 3

AL FUNCTION

Returns a list of Articles from the specified category formatted using the specified Article List Template.

Usage

$$AL(CategoryID, Limit, Order, Sort, ArticleListTemplateID)$$

Arguments

CategoryID

The ID of the category where the articles are located.

Limit

The number of articles to display. If set to 0, all articles found will be displayed.

Order

The order the articles will appear.

Sort

The sorting of the articles based on the Order.

ArticleListTemplateID

The ID of the Article List Template to use to format the articles.

Settings

The *Order* argument can be any valid article field without the double curly brackets.

The *Sort* argument has the following settings:

Value	Description
ASC	Sort the articles in Ascending Order.
DESC	Sort the articles in Descending Order.

Remarks

The **AL** Function is useful for having a second or subsequent list of Articles in your page apart from the main Content.

If no Articles are found matching the arguments, then an error message will be returned.

If the Article List Template is malformed, an error message will be returned.

See Also

N/A

SECTION 3

CB FUNCTION

Returns a Content Block from the enVivo!CMS Classic database.

Usage

CB*(contentblockname)*

Arguments

Contentblockname

Required. The name of the content block to be called as defined in Web Content Manager.

Settings

N.A

Remarks

The CB Function will place your Content Block wherever you call the function in your ASP Page Template. E.g.:

```
<%=CB("menu") %>
```

will return the HTML contained in the "menu" Content Block.

If there is no Content Block called "menu" in the database, then CB will return an error message in your HTML code to allow you to debug your ASP Page Template. E.g.:

```
{{Unknown Content Block: menu}}
```

Hint: If you have common navigation across many ASP Page Templates, Content Blocks can save tedious editing of numerous ASP Page Templates whenever the nav needs to change.

See Also

ContentBlockByID Function, RandomCB Function

SECTION 3

CL FUNCTION

Returns a Category List.

Usage

> **CL***(StartCategoryID, Depth, Order, Sort, CategoryListTemplateID)*

Arguments

StartCategoryID

> The ID of the Category to start list from.

Depth

> How many levels deep to traverse. 0 for no limit.

Order

> The category field to order the category list.

Sort

> The sort based on the Order.

CategoryListTemplateID

> The ID of the Category List Template to use.

Settings

The *Order* argument can be any valid category field without the double curly brackets.

The *Sort* argument has the following settings:

Value	Description
ASC	Sort the articles in Ascending Order.
DESC	Sort the articles in Descending Order.

Remarks

The **CL** Function is equivalent to the {{cl$…}} EnVivo Tag.

The **CL** Function is useful for dynamic menu navigation.

If there are no subcategories of *StartCategoryID* then an error will be returned.

If the Category List Template is unknown or malformed then an error will be returned.

See Also

N/A

SECTION 3

CONTACTUSLINK FUNCTION

Returns a hyperlink to the Contact Us pop up emailer.

Usage

```
ContactUsLink(LinkHTML)
```

Arguments

LinkHTML

> The HTML which will form the link.

Settings

N/A

Remarks

LinkHTML can be purely Text for a text link or it can be an IMG HTML tag for an image link.

See Also

PrinterFriendlyLink Function, TellAFriendLink Function

CONTENT FUNCTION

Returns the Dynamic Content from the enVivo!CMS Classic database based on the QueryString values Action, ID, Limit, Order and Sort.

Usage

```
Content()
```

Arguments

N/A

Settings

N/A

Remarks

This function is the equivalent to the {{content}} EnVivo Tag as used in HTML Page Templates.

See Also

N/A

SECTION 3

CONTENTBLOCKBYID FUNCTION

Returns a Content Block from the enVivo!CMS Classic database.

Usage

```
ContentBlockByID(cbID)
```

Arguments

CbID

    Required. The ID of the Content Block to be Called.

Settings

N/A

Remarks

The `ContentBlockByID` Function will place your Content Block wherever you call the function in your ASP Page Template. E.g.:

```
<%=ContentBlockByID(55) %>
```

will return the HTML contained in the Content Block with the ID of 55.

If there is no Content Block with an ID of 55 in the database, then `ContentBlockByID` will return an error message in your HTML code to allow you to debug your ASP Page Template. E.g.:

```
{{Unknown Content Block ID: 55}}
```

    Hint: If you have common navigation across many ASP Page Templates, Content Blocks can save tedious editing of numerous ASP Page Templates whenever the nav needs to change.

See Also

CB Function, RandomCB Function

GETARTICLE FUNCTION

Returns an ADO Recordset of a single article from the enVivo!CMS Classic database.

Usage

```
GetArticle(ID)
```

Arguments

ID

> The *ID* of the article to retrieve.

Settings

NA

Remarks

Because an object is returned, you must use the ASP Set command when using this function. E.g.:

```
Dim myArticle
Set myArticle = GetArticle(463)
```

If no articles with the *ID* is found then an empty Recordset is returned.

If EnVivo_PreviewMode is True then Unpublished, Pending and Expired articles will be returned in the Recordset.

Regular ADO Recordset properties, methods and functions can be used with the output of this function. E.g.; MoveNext, RecordCount, etc.

See Valid Article Fields For Article List and Layout Templates on page 48 of the enVivo!CMS Classic v3.5 Professional / Enterprise Design Guide for the Article Fields returned.

See Also

GetArticlesFromCategory Function, GetSubCategories Function

SECTION 3

GETARTICLESFROMCATEGORY FUNCTION

Returns an ADO Recordset of the articles in a specified category.

Usage

```
GetArticlesFromCategory(CategoryID, Limit, Order, Sort)
```

Arguments

CategoryID

The ID of the category where the articles are located.

Limit

The number of articles to display. If set to 0, all articles found will be displayed.

Order

The order the articles will appear.

Sort

The sorting of the articles based on the Order.

Settings

The *Order* argument can be any valid article field without the double curly brackets.

The *Sort* argument has the following settings:

Value	Description
ASC	Sort the articles in Ascending Order.
DESC	Sort the articles in Descending Order.

Remarks

Because an object is returned, you must use the ASP Set command when using this function. E.g.:

```
Dim myArticles
Set myArticles = GetArticlesFromCategory(45, 5, "startdate", "desc")
```

If no articles are found then an empty Recordset is returned.

If EnVivo_PreviewMode is True then Unpublished, Pending and Expired articles will be returned in the Recordset.

Regular ADO Recordset properties, methods and functions can be used with the output of this function. E.g., MoveNext, RecordCount, etc. See Valid Article Fields For Article List and Layout Templates on page 48 of the enVivo!CMS Classic v3.5 Professional / Enterprise Design Guide, for the Article Fields returned.

See Also

GetArticle Function, GetSubCategories Function

SECTION 3

GETCATEGORY FUNCTION

Returns an ADO Recordset Object of the specified Category.

Usage

> **GetCategory***(CategoryID)*

Arguments

CategoryID

> Required. The ID of the Category to return in the Recordset.

Settings

NA

Remarks

If *CategoryID* is NULL or is an unknown Category, then an empty Recordset is returned.

Regular ADO Recordset properties, methods and functions can be used with the output of this function. E.g.; MoveNext, RecordCount, etc.

The fields "categoryname" and "ID" are typically of most interest to programmers for dynamic navigation however this recordset can also be used to retrieve other category parameters.

You can retrieve the current category by using the EnVivo_CurrentCategory variable. E.g.:

> Set thisCategory = **GetCategory***(EnVivo_CurrentCategory)*

See Also

GetCategoryName Function, GetSubCategories Function

SECTION 3

GETCATEGORYNAME FUNCTION

Returns the name of the specified category.

Usage

> `GetCategoryName(CategoryID)`

Arguments

CategoryID

> Required. The ID of the Category to return the name for.

Settings

N/A

Remarks

This function when used in conjunction with the EnVivo_CurrentCategory variable is ideal for displaying the name of the current category. E.g.:

> `<%=GetCategoryName(EnVivo_CurrentCategory) %>`

If *CategoryID* is NULL or is an unknown category ID then an empty string is returned.

See Also

GetCategory Function, GetSubCategories Function

SECTION 3

GETSUBCATEGORIES FUNCTION

Returns an ADO Recordset of all subcategories directly under the specified category.

Usage

```
        GetSubCategories(CategoryID)
```

Arguments

CategoryID

> The ID of the Category to check for sub categories.

Settings

NA

Remarks

Because an object is returned, you must use the ASP Set command when using this function. E.g.:

```
Dim mySubCategories
Set mySubCategories = GetSubCategories(23)
```

If there are no subcategories directly under *CategoryID* then an empty Recordset is returned.

Regular ADO Recordset properties, methods and functions can be used with the output of this function. E.g.; MoveNext, RecordCount, etc.

The fields "categoryname" and "ID" are typically of most interest to programmers for dynamic navigation.

You can retrieve the sub categories directly under the current category by using the EnVivo_CurrentCategory variable. E.g.:

```
Set mySubCategories = GetSubCategories(EnVivo_CurrentCategory)
```

See Also

GetCategory Function, GetCategoryName Function

SECTION 3

NAVBAR FUNCTION

Returns a linked breadcrumb trail from the Current Category back to the root category. E.g.:

Home >> Products >> Books >> Fiction >> Thriller

Usage

```
NavBar( )
```

Arguments

NA

Settings

NA

Remarks

This Function is ideal for providing site visitors with Yahoo style breadcrumb navigation within your site.

This Function links all categories between the Current Category and the Root Category - not Articles.

See Also

N/A

PAGETITLE FUNCTION

Returns the Page Title.

Usage

```
PageTitle()
```

Arguments

N/A

Settings

N/A

Remarks

This function should be used with the <title> tag in the <head> section of your ASP Page Template. E.g.:

```
<title>The Title Is: <%=PageTitle()%></title>
```

See Also

SiteName Function

SECTION 3

PRINTERFRIENDLYLINK FUNCTION

Returns a hyperlink to a Printer Friendly version of the current page.

Usage

PrinterFriendlyLink*(LinkHTML)*

Arguments

LinkHTML

> The HTML which will form the link.

Settings

N/A

Remarks

LinkHTML can be purely Text for a text link or it can be an IMG HTML tag for an image link.

See Also

ContactUsLink Function, TellAFriendLink Function

SECTION 3

RANDOMCB FUNCTION

Returns a Content Block from a list of Content Blocks sharing the same Prefix in their name.

Usage

`RandomCB`*(Prefix)*

Arguments

Prefix

Required. This is a string with the Prefix to limit what Content Blocks are in the Random Pool.

Settings

N/A

Remarks

If you call `RandomCB` with the following argument:

`RandomCB`*("Rotator_")*

The following table shows which Content Blocks will be displayed if we have the following Content Blocks in the database:

Content Block	Is in Random Pool?
Rototor_	Yes
Rotator_1	Yes
Rotate	No
Menu	No
Rotator_2	Yes
Rotator_MyContentBlock	Yes
MyContentBlock_Rotator	No

See Also

CB Function, ContentBlockByID Function

SECTION 3

SEARCHBUTTON FUNCTION

Returns the HTML submit button for a basic site search.

Usage

```
SearchButton()
```

Arguments

NA

Settings

NA

Remarks

The submit button will display the text specified in the SEARCHBUTTONLABEL Preference setting.

`SearchButton` must be called after the SearchField button.

There should not be any HTML <form> tags between SearchField and SearchButton.

See Also

SearchField Function

SECTION 3

SEARCHFIELD FUNCTION

Returns the input field for a basic site search.

Usage

```
        SearchField()
```

Arguments

N/A

Settings

N/A

Remarks

The input field will have a label as set in the SEARCHFIELDLABEL setting in your Preferences.

This Function must precede any call to the **SearchButton** Function.

See Also

SearchButton Function

SECTION 3

SITENAME FUNCTION

Returns the Site Name as set in the SITENAME Preference setting.

Usage

```
        SiteName()
```

Arguments

NA

Settings

NA

Remarks

The `SiteName` Function should be used in the <title> tag in the <head> section of your HTML Page Template (although it is not limited to here). E.g.:

```
<title><%=SiteName()%></title>
```

See Also

PageTitle Function

SECTION 3

TELLAFRIENDLINK FUNCTION

Returns a hyperlink to the Tell A Friend pop up emailer

Usage.

```
TellAFriendLink(LinkHTML)
```

Arguments

LinkHTML

The HTML which will form the link.

Settings

N/A

Remarks

LinkHTML can be purely Text for a text link or it can be an IMG HTML tag for an image link.

See Also

ContactUsLink Function, PrinterFriendlyLink Function