

ektron

What do you **want**
your **website** to do?

Asset Class

Ektron.Cms.API.Content.Asset Methods

GetViewUrl() String

Returns the URL for an asset.

AssetId String (required)

ContentType Integer

Asset Data Class

Ektron.Cms.Common.AssetData

Id String

Version String

MimeType As String

MimeTypeName String

FileName String

FileExtension String

ImageUrl String

Icon String

Status String

Language String

Type Integer

PluginType String

PublishPdActive Boolean = False

Blog Class

Ektron.Cms.API.Content.Blog Methods

AddBlog() Integer

ParentFolderID Integer

Folder ID where blog will be created.

BlogName String

Name of blog.

BlogTitle String

Title of blog.

BlogDescription String

Visibility Ektron.Cms.Common.EkEnumeration.BlogVisibility

Is blog visible to public or restricted?

Public, Private

EnableComments Boolean

Is commenting enabled?

ModerateComments Boolean

Are comments moderated?

RequireAuthentication Boolean

Do comments require authentication?

Categories String

Array of categories for the blog.

RollLinks BlogRoll

A list of links for the blog.

AddCommentForPost() Boolean

Adds a blog post comment.

bcComment BlogComment

See Blog Data Classes > BlogComment

AddPost() Integer

blogID Integer

ID of blog to which post is added.

PostContent ContentData

A content data class representing the post. See Content Data Classes > ContentData

Categories String

An array of categories for post.

Pingback Boolean

Tags String

String list of tags for this post.

TrackbackURL String

URL for which to trackback.

DeleteBlog()

Deletes blog and all associated comments and posts.

BlogID Integer

ID of blog to be deleted.

Sample Code:

```
Dim BlogAPI As New Ektron.Cms.API.Content.Blog
```

```
BlogAPI.DeleteBlog(202)
```

DeletePost() Boolean

Deletes post and all associated comments.

post_id Integer

ID of post to be deleted.

GetBlankBlogPostData() BlogPostData

See Blog Data Classes > BlogPostData. Get a populated blogpostdata class with the trackback, ping, tags and categories definition IDs. A utility function for the CMS.

GetBlog() BlogData (overloaded)

Use a blog's ID to get the blog. See Blog Data Classes > BlogData

ID Integer

Blog ID

StartDate String

The date from which to get posts.

MaxEntries Integer

of posts to return.

0 = no limit

-1 = all posts for the day are shown

-2 = all posts for the month are shown

-3 = use the # of Post Visible from the Workarea

LanguageID Integer

GetBlog() BlogData (overloaded)

Use a blog's folder path to get the blog. See Blog Data Classes > BlogData

path String

Folder path to the blog.

StartDate String

The date from which to get posts.

MaxEntries Integer

See above MaxEntries description from first GetBlogData().

LanguageID Integer

GetBlogData() BlogData (overloaded)

See Blog Data Classes > BlogData

folder_data FolderData

See Folder Data Classes > FolderData. If you have a folder data class with a folder type blog and need to get the blog information, pass the folder data to this method and get the populated blogdata back.

GetBlogData() BlogData (overloaded)

See Blog Data Classes > BlogData

BlogID Integer

Get a blog for a given ID, returns all posts.

GetBlogData() BlogData (overloaded)

See Blog Data Classes > BlogData. Gets all posts for a given ID and a given date.

BlogID Integer

StartDate DateTime

GetBlogData() BlogData (overloaded)

See Blog Data Classes > BlogData

BlogID Integer

StartDate DateTime

Date to get posts from.

PostVisible Integer

of posts to return.

0 (zero) = no limit

-1 = all posts for the day are shown

-2 = all posts for the month are shown

-3 = uses the # of Post Visible from the Workarea

LanguageID Integer

GetBlogDataForPost() BlogData

See Blog Data Classes > BlogData. Obtains blog information for a given post ID.

post_id Integer

BlogPostData()

Returns post information for a given post ID. Returns tags, trackback, pingback, and categories for post.

id Integer

GetBlogRoll() Integer (overloaded)

Returns blog roll for a given blog ID.

blog_id Integer

GetBlogRoll() String (overloaded)

Returns blog roll for a given blog path.

Path String

GetPost() ContentData

See Content Data Classes > ContentData. Returns ContentData class for a given post ID and a BlogPostData class.

post_id Integer

PostInfo BlogPostData

GetPostByID() BlogPostData

See Blog Data Classes > BlogPostData. Returns a BlogPostData class for a given post ID.

post_id Integer

Blog Data Classes

Ektron.Cms.BlogComment

Title String

Display name of the user who posted comment (if applicable).

Email String

Email address of user who posted comment.

URI String

Website of user who posted comment.

Message String

The text of the comment.

ID Integer

ID of comment.

DateCreated DateTime

ID of post for the comment.

Blog Data Classes, cont...

Ektron.Cms.BlogData

Inherits FolderData

BlogID Integer

Content BlogPostData()

See Blog Data Classes > BlogPostData.

Posts of the blog.

Visibility Ektron.Cms.Common.EkEnumeration.BlogVisibility

Public, Private

Title String

Tagline String

PostsVisible Integer

Number of posts to appear on blog. Can be overridden on the server control.

EnableComments Boolean

ModerateComments Boolean

Are comments moderated?

RequiresAuthentication Boolean

Is authentication required to post comments?

NotifyURL String

URLs to notify when posts are added.

Categories String()

Array of categories for the blog.

BlogRoll BlogRoll

The blog's roll.

See Blog Data Classes > BlogRoll

Ektron.Cms.BlogPostData

TrackBackURL String

The URL(s) for which to trackback.

Tags String

Tags for the post.

Pingback Boolean

The URL(s) to pingback when the post is published.

Categories String()

The ID of the Trackback metadata definition.

TagsID Integer

The ID of the Tags metadata definition.

PingBackID Integer

The ID of the Pingback metadata definition.

CategoryID Integer

The ID of the Category metadata definition.

Message String

Mask for base.html; the contents of the post.

Comments BlogComment()

See Blog Data Classes > BlogComment. Array of blog comments.

PostID Integer

The ID of the post.

Ektron.Cms.BlogRoll

Items BlogRollItem

Array of blog roll links. See Blog Data Classes > BlogRollItem

ID Integer

ID of the Blog.

RollItem BlogRollItem

Property to obtain a specific blogroll link. See Blog Data Classes > BlogRollItem

index Integer

Length Integer

Number of blog roll links.

Ektron.Cms.BlogRollItem

LinkName String

Name of link.

URL String

URL of blog roll link.

ShortDescription String

A quick description of the link.

Relationship String

XFN relationship value.

ID Integer

ID of blog roll entry.

Taxonomy Class

Ektron.Cms.API.Content.Taxonomy Methods

AddTaxonomyItem() (overloaded)

Use to assign one content block to several categories.

request TaxonomyContentRequest

See Taxonomy Data Classes > TaxonomyContentRequest

AddTaxonomyItem() (overloaded)

Use when several content blocks are assigned one particular category.

request TaxonomyRequest

See Taxonomy Data Classes > TaxonomyRequest

AddTaxonomySyncFolder()

Once data is created using this method, it watches the folder for auto entries to this category when adding or editing the content block.

request TaxonomySyncRequest

See Taxonomy Data Classes > TaxonomySyncRequest

CreateTaxonomy() Integer

request TaxonomyData

See Taxonomy Data Classes > TaxonomyData

DeleteTaxonomy() request TaxonomyRequest

See Taxonomy Data Classes > TaxonomyRequest

GetTaxonomyIdByPath() Integer

Returns the taxonomy by its path. Note: This is not a CMS400.NET folder path, it is the taxonomy path. For example: 'MapCategory\Restaurant\American'

path String

Sample Code:

```
Dim TaxAPI As New _ Ektron.Cms.API.Content.Taxonomy
```

```
Dim TaxID As Integer
```

```
TaxID = TaxAPI.GetTaxonomyIdByPath("\MapCategory")
```

```
Response.Write (TaxID)
```

ImportTaxonomy() Integer

TaxonomyXml String

Title String

LoadTaxonomy() TaxonomyData

See Taxonomy Data Classes > TaxonomyData

request TaxonomyRequest

See Taxonomy Data Classes > TaxonomyRequest

ReadAllAssignedCategory() TaxonomyBaseData()

See Taxonomy Data Classes > TaxonomyBaseData

contentid Integer

ReadTaxonomy() TaxonomyData

See Taxonomy Data Classes > TaxonomyData

request TaxonomyRequest

See Taxonomy Data Classes > TaxonomyRequest

RemoveTaxonomyFolder() request TaxonomySyncRequest

See Taxonomy Data Classes > TaxonomySyncRequest

RemoveTaxonomyItem() request TaxonomyRequest

See Taxonomy Data Classes > TaxonomyRequest

ReOrderTaxonomyItems() request TaxonomyRequest

See Taxonomy Data Classes > TaxonomyRequest

UpdateTaxonomy() request TaxonomyData

See Taxonomy Data Classes > TaxonomyData

API Quick Reference

Ektron.Cms.TaxonomySyncRequest

Inherits *TaxonomyBaseRequest*
SyncIdList String
SyncRecursveIdList String

Ektron.Cms.TaxonomyBaseRequest

Inherits *SortRequest*
TaxonomyId Integer
TaxonomyLanguage Integer
Ektron.Cms.SortRequest
Inherits *PageRequestData*
SortOrder String
SortDirection String

Ektron.Cms.TaxonomyLanguageRequest

TaxonomyId Integer
IsTranslated Boolean

Ektron.Cms.MapCategoryData

CategoryId Integer
CategoryId String
CategoryPath String
ParentId Integer
HasChildren Boolean
Category MapCategoryData()

Content Class

Ektron.Cms.API.Content.Content Methods

AddContent() Integer (overloaded)
ContentTitle String
ContentComment String
ContentHtml String
SearchText String
SummaryHtml String
ContentLanguage String
FolderId Integer
GoLive Object
EndDate Integer
MetaInfoXml Object

Sample Code:

```
Dim contentApi As New Ektron.Cms.API.Content.Content
Dim ID As Integer = 0
ID = contentApi.AddContent("Example Content title", "Content added by AddContent.aspx", "Example HTML", "", "", "1033", 0, "", "", Nothing)
```

AddContent() Integer (overloaded)
In addition to ContentID, this method contains all properties in the first AddContent() found above.

ContentID Integer
AddContent() Integer (overloaded)

In addition to XmlID and TemplateID, this method contains all properties in the first AddContent() found above.

XmlID Integer
TemplateID Integer

CopyContentToFolder()

Id String
FID Integer
Lang String

DeleteContentItem() Boolean

Id Integer

Sample Code:

```
Dim contentApi As New Ektron.Cms.API.Content.Content
Dim deleted As Boolean = True
deleted = contentApi.DeleteContentItem(4)
```

GetChildContent() ContentData()

See [Content Data Classes > ContentData](#)
Id Integer

Recursive Boolean = false (optional)

OrderBy String = "name" (optional)

GetContent() Ektron.Cms.Common.ContentResult (overloaded)

Req Ektron.Cms.Common.ContentRequest

Page System.Web.UI.Page = Nothing (optional)

GetContent() ContentData (overloaded)

See [Content Data Classes > ContentData](#)
Id Integer

Type Ektron.Cms.Content.EkContent.ContentType = *ContentType.Published* (optional)

Sample Code:

```
Dim contentApi As New Ektron.Cms.API.Content.Content
Dim contentItem As Ektron.Cms.ContentData
contentItem = contentApi.GetContent(22, _ Ektron.Cms.Content.EkContent.ContentType.Published)
```

GetContentForEditing() ContentEditData

Checks content out and returns its data.

See [Content Data Classes > ContentEditData](#)
Id Integer

GetContentStatus() String
ContentId Integer

MoveContentToFolder() ContentData

See [Content Data Classes > ContentData](#)
Id String

A comma separated list of content IDs.
cLanguages String

A comma separated list of language IDs.
FID Integer

The Folder ID to which content is moved.

PublishContent() Boolean

ContentId Integer

FolderId Integer

ContentLanguage Integer

dontCreateTask String

UserID Integer

TaskTitle String

SaveContent() Boolean
contentEditData ContentEditData

See [Content Data Classes > ContentEditData](#)

UndoCheckout() Boolean

ContentId Integer

UpdateContentMetaData() Boolean

ContentId Integer

MetaId Integer

MetaText String

Content Data Classes

Ektron.Cms.ContentData

Image String

ImageThumbnail String

Id Integer

Permissions PermissionData

LanguageId Integer

Title String

EditorFirstName String

EditorLastName String

Comment String

LastEditDate String

DisplayLastEditDate String

DateCreated DateTime

DisplayDateCreated String

UserId Integer

UserName String

FolderId Integer

IsInherited Boolean

InheritedFrom Integer

Status String

Content Data Classes

Ektron.Cms.ContentData

IsPrivate Boolean

GoLive String

DisplayGoLive String

ManualAliasId Integer

ManualAlias String

ApprovalMethod Integer

IsPublished Boolean

Type Integer

IsSearchable Boolean

IsXmlInherited Boolean

XmlInheritedFrom Integer

MetaData ContentMetaData()

See [Content Data Classes > ContentMetaData](#)

LegacyData Object

Teaser String

DisplayEndDate String

EndDate String

EndDateAction Integer

XmlConfiguration XmlConfigData

See [Content Data Classes > XmlConfigData](#)

Html String

IsMetaComplete Boolean

StyleSheet String

LanguageDescription String

Approver String

Text String

Path String

AssetData Ektron.Cms.Common.AssetData

AssetData

ContentType Integer

Updates Integer

EditorUserNames String

FolderName String

MediaText String

HistoryId Integer

QuickLink String

HyperLink String

TemplateConfiguration TemplateData

Ektron.Cms.ContentEditData

Inherits *ContentData*

NoOfSaves Integer

MaxContentSize Integer

MaxSummarySize Integer

CurrentStatus String

LockedContentLink Boolean

Ektron.Cms.ContentMetaData

TypeId Integer

Text String

TypeName String

Title String

DefaultText String

Required Boolean

TagType String

Editable Boolean

Separator String

CaseSensitive Boolean

RemoveDuplicate Boolean

SearchAllowed Boolean

MetaDisplay Boolean

Language Integer

SelectableText String

AllowMulti Boolean

IsSelectableOnly Boolean

MetaDisplayEE Boolean

IsMetaDataBlog Boolean

BlogMetaType Integer

Ektron.Cms.XmlConfigData

Id Integer

Title String

Description String

EditXslt String

SaveXslt String

Xslt1 String

Xslt2 String

Xslt3 String

Xslt4 String

Xslt5 String

XmlSchema String

XmlNamespace String

XmlAdvConfig String

DateCreated String

DisplayDateCreated String

LastEditDate DateTime

DisplayLastEditDate String

UserId Integer

EditorFirstName String

EditorLastName String

PhysicalPath String

LogicalPath String

DefaultXslt String

PackageXslt String

PackageDisplayXslt String

DesignStyleSheet String

PhysPathComplete Object

LogicalPathComplete Object

IsDefault Boolean

FieldList String

Folder Class

Ektron.Cms.API.Folder Methods

AddCommunityFolder()

request FolderRequest

The folder's properties as a FolderRequest object.

AddFolder()

request FolderRequest

The folder's properties as a FolderRequest object.

Sample Code:

```
Dim folderApi As New Ektron.Cms.API.Folder
Dim req As New Ektron.Cms.FolderRequest
req.FolderName = "sample folder"
req.FolderDescription = "sample description"
req.ParentId = 0 'Adds under the root folder of _ the workarea
req.StyleSheet = ""
folderApi.AddFolder(req)
```

DeleteFolderById() Boolean

Id Integer

Sample Code:

```
Dim folderApi As New Ektron.Cms.API.Folder
folderApi.DeleteFolderById(24)
```

GetChildFolders() FolderData

Id Integer

Recursive Boolean = False (optional)

OrderBy String = "name" (optional)

Sample Code:

```
Dim folderApi As New Ektron.Cms.API.Folder
Dim folders As Ektron.Cms.FolderData()
Dim folder As Ektron.Cms.FolderData
folder = folderApi.GetChildFolders(0, True, "name")
```

GetFolder FolderData() (overloaded)

Id Integer

GetFolder FolderData() (overloaded)

Id Integer

GetTaxonomy Boolean

GetFolderId() Integer (overloaded)

Id Integer

GetFolderId() Integer (overloaded)

Id Integer

ImageDirectory String

ParentId Integer

GetPath() String

Returns folder path as a string. For example: `\CMS400Demo>AboutUs`

Id Integer

RenameFolder() Boolean

cld Integer

title String

Folder Data Classes

Ektron.Cms.FolderData

Id Integer

TemplateId Integer

ParentId Integer

NameWithPath String

Name String

Description String

Inherited Boolean

InheritedFrom Integer

PrivateContent Boolean

XmlInherited Boolean

XmlInheritedFrom Integer

XmlConfiguration XmlConfigData()

See [Content Data Classes > XmlConfigData](#)

StyleSheet String

TemplateFileName String

StyleSheetInherited Boolean

TemplateInherited Boolean

ApprovalMethod Integer

ChildFolders FolderData()

MetaInheritedFrom Integer

MetaInherited Integer

HasChildren Boolean

PublishPdfEnabled Boolean

PublishPdfActive Boolean

PublishHtmlActive Boolean

Permissions PermissionData

UpdatedContent Integer

TotalContent Integer

IsDomainFolder Boolean

DomainStaging String

DomainProduction String

FolderType Integer

ItemInherited Integer

ItemInheritedFrom Integer

ItemPath Common.SiteMapPath()

Title String, Uri String, Description String, Order Integer, FolderId Integer

Folder Data Classes, cont...

Ektron.Cms.FolderData

Language Integer

ReplicationMethod Integer

IsCommunityFolder Boolean

TaxonomyInheritedFrom Integer

TaxonomyInherited Boolean

CategoryRequired Boolean

Verifies at least one category assigned when saving content.

FolderTaxonomy TaxonomyBaseData()

See [Taxonomy Data Classes > TaxonomyBaseData](#)

Ektron.Cms.FolderRequest

FolderId Integer

FolderName String

FolderDescription String

ParentId Integer

TemplateFileName String

StyleSheet String

SiteMapPathInherit Boolean

SiteMapPath Common.Cms.Common.SiteMapPath()

See [SiteMapPath description in FolderData class data](#)

ImageDirectory String

FileDirectory String

DomainStaging String

DomainProduction String

FolderType Integer

IsDomainFolder Boolean

XmlInherited Boolean

EnableReplication Boolean

PublishActive String

UserId *integer*

ActivateUserAccount() *Boolean*
(overloaded)

Username *String*

AccountID *String*

Account ID generated when account was created.

AddMembershipUser() *UserData*

See User Data Classes > UserData

UserData *UserData*

See User Data Classes > UserData

Sample Code:

```
Dim memDetails As New Ektron.Cms.UserData
Dim userAPI As New Ektron.Cms.API.User
memDetails.Username = "jsmith"
memDetails.FirstName = "John"
memDetails.LastName = "Smith"
memDetails.Password = "secret"
newMemUser = userAPI.AddMembershipUser(memDetails)
```

AddUser() *UserData* (overloaded)

See User Data Classes > UserData

UserData *UserData*

See User Data Classes > UserData

AddUserToGroup()

UserId *integer*

GroupId *integer*

CreateBlankUserObject() *UserData*
(overloaded)

Creates blank UserData object with custom properties. See User Data Classes > UserData

CreateBlankUserObject() (overloaded)

Creates blank UserData object with custom properties. See User Data Classes > UserData

UserData *UserData*

See User Data Classes > UserData

DeleteUserByID()

Id *integer*

DeleteUserFromGroup()

UserId *integer*

GroupId *integer*

EditUserCustomProperties() *String*

Generates HTML for user's custom properties.

UserId *integer* (optional)

ReadOnly *Boolean* = false (optional)

GetAllCustomProperties() *CustomAttribute()*

See User Data Classes > CustomAttribute

GetAllUserByCustomProperty() *UserData()*

See User Data Classes > UserData

PropType *Ektron.Cms.Common.EkEnumeration*.

ObjectProperty *ValueTypes*

String, Boolean, Numeric, Date, NotificationCategory, CategoryProperties, SelectList, MultiSelectList, ThreadedDiscussion

PropValues *String*

GetAllUserGroups() *UserGroupData()*
(overloaded)

GroupType *Ektron.Cms.Common.EkEnumeration*. *UserTypes*

AuthorType = 1000, Indicates CMS Users, MembershipType = 2000, BothGroupTypes = 3000

OrderBy *String*

GetAllUserGroups() *UserGroupData()*
(overloaded)

See User Data Classes > UserGroupData

OrderBy *String*

GetAllUsers() *UserGroupData()*
(overloaded)

See User Data Classes > UserGroupData

CallerID *integer*

FolderID *integer*

GetAllUsers() *UserGroupData()*
(overloaded)

See User Data Classes > UserGroupData

userRequest *UserRequestData*

See User Data Classes > UserRequestData

GetGroupsUserIn() *GroupData()*

UserId *integer*

OrderBy *String*

GroupID, GroupName

GetMembershipUser() *UserData*

See User Data Classes > UserData

Username *String*

GetUserByUserName() *UserData*

See User Data Classes > UserData. Gets the user by their user name.

Username *String*

Sample Code:

```
Dim userAPI As New Ektron.Cms.API.User
Dim userObj As Ektron.Cms.API.User
userObj = userAPI.GetUserByUserName("admin")
GetUserCustomProperties()
CustomAttribute()
See User Data Classes > CustomAttribute
UserId integer
GetUserGroup() UserGroupData
See User Data Classes > UserGroupData
```

User Class, cont...

Ektron.Cms.API.User.User Methods

Id *integer*

GetUserGroupByName() *UserGroupData*

See User Data Classes > UserGroupData

name *String*

GetUserPermissions()

Id *integer*

ItemType *String*

UserId *integer*

UserGroupList *String*

PermissionType

PermissionUserType = PermissionUserType.All (optional)

PermissionRequest

PermissionRequestType = PermissionRequestType.All (optional)

GetUsers() *UserData()* (overloaded)

See User Data Classes > UserData

GroupId *integer*

OrderBy *String*

GetUsers() *UserGroupData()* (overloaded)

See User Data Classes > UserGroupData

usernames *String*

userNameTypes *String* = "" (optional)

GetUsersForTask()

CallerID *integer*

ContentID *integer*

IsAdmin() *Boolean*

IsARoleMember() *Boolean*
(overloaded)

RoleId *Ektron.Cms.Common.EkEnumeration*. *CmsRolesIds*

CreateTask = 1, RedirectTask = 2, DeleteTask = 3, EditAlias = 4, AdminCalendar = 5, AdminMetadata = 6, AdminUsers = 7, AdminFolderUsers = 8, AdminXliff = 9, AdminRuleEditor = 10, AdminXmlConfig = 11, AdminCollectionMenu = 12, TemplateConfigurations = 13, Personalize = 14, AdminPersonalize = 15, PersonalizeEditOnly = 16, PersonalizeMoveOnly = 17, PersonalizeAddOnly = 18, CollectionApprover = 19, AdminChat = 20, TaxonomyAdministrator = 21

IsARoleMember() *Boolean*
(overloaded)

RoleId *Ektron.Cms.Common.Ek-*

Enumeration.CmsRolesIds

See description in first IsARoleMember() method above.

nUserId *integer*

GroupFlag *Boolean* = false (optional)

LoginUser() *UserData*

username *String*

Password *String*

ServerName *String*

Domain *String* = "" (optional)

Protocol *String* = "" (optional)

Sample Code:

```
Dim userAPI As New Ektron.Cms.API.User
Dim userObj As Ektron.Cms.API.User
Dim api As New Ektron.Cms.CommonAPI
Dim userObj As UserData
userObj = userAPI.LoginUser("sample name", "sample _ password", "localhost", "", "")
userAPI.SetAuthenticationCookie(userObj)
Response.Redirect(Request.Url.ToString)
```

ReadCustomProperties() *Collection*

form Collections.Specialized. *NameValueCollection*

ResetMembershipUserPassword() *String* (overloaded)

Username *String*

ResetMembershipUserPassword() *String* (overloaded)

Username *String*

AccountID *String*

SetAuthenticationCookie()

See Also: *LoginUser()*

userInfo *UserData*

See User Data Classes > UserData

UnsubscribeUser() *Boolean*

Username *String*

password *String* = "" (optional)

UpdateUser() (overloaded)

data *UserData*

See User Data Classes > UserData

UpdateUserGroup() (overloaded)

data *UserGroupData*

See User Data Classes > UserGroupData

UserObject() *UserData* (overloaded)

See User Data Classes > UserData

Id *integer*

UserObject() *UserData* (overloaded)

See User Data Classes > UserData

sUserName *String*

Ektron.Cms.API.User.User Properties

UserIdAuthenticated *Integer*

User Data Classes

Ektron.Cms.UserData

Inherits *CMSObject*

LoginAttempts *Int16*

DateCreated *String*

LastLoginDate *String*

Path *String*

Domain *String*

DisplayName *String*

User's first and last name.

Password *String*

DisplayName *String*

User's display alias used in forums, etc.

Signature *String*

AcceptedTerms *Boolean*

Id *Integer*

Username *String*

FirstName *String*

LastName *String*

UserPreference *UserPreferenceData*

See User Data Classes > UserPreferenceData

IsMembership *Boolean*

LoginIdentification *String*

LanguageName *String*

LanguageId *Integer*

IsDisableMessage *Boolean*

Email *String*

EditorOption *String*

AdUserName *String*

GroupID *Integer*

GroupName *String*

GetUserAttributes

CustomAttributesList

IsAccountLocked *Boolean*

reqInfo EkRequestInformation

Rank *UserRank*

Avatar *String*

Ektron.Cms.UserRequestData

Type *Integer*

Group *Integer*

RequiredFlag *Integer*

OrderBy *String*

SearchText *String*

OrderDirection *String*

Ektron.Cms.UserGroupData

UserId *Integer*

GroupID *Integer*

GroupName *String*

GroupDomain *String*

GroupPath *String*

IsMembershipGroup *Boolean*

GroupDisplayName *String*

Domain *String*

UserName *String*

DisplayUserName *String*

IsMemberShipUser *Boolean*

Email *String*

UserCount *Integer*

Ektron.Cms.UserPreferenceData

Template *String*

FolderPath *String*

DisplayBorders *String*

DisplayTitleText *String*

FolderId *String*

Width *Integer*

Height *Integer*

ForceSetting *Boolean*

PageSize *Integer*

Ektron.Cms.CustomAttribute

ID *String*

DataID *Integer*

Name *String*

Value *object*

ValueType

CustomAttributesTypes

String, Boolean, Numeric, Date, Notification, Category, CategoryProperties, MultiSelectList, ThreadedDiscussion

Required *Boolean*

Language *Integer*

TagType *Integer*

IsList *Boolean*

IsDisplayedInEktronExplorer *Boolean*

DoesAttributeExist *Boolean*

User Data Classes, cont...

Ektron.Cms.GroupData

GroupPath *String*

DisplayGroupName *String*

GroupID *Integer*

GroupName *String*

GroupDomain *String*

AdGroupName *String*

Note: Ad stands for Active Directory

AdGroupDomain *String*

Note: Ad stands for Active Directory

IsMembershipGroup *Boolean*

Subscription Class

Ektron.Cms.API.Subscription Methods

GetAllActiveSubscriptions() *SubscriptionData()*

See Subscription Data Classes > SubscriptionData. Array of SubscriptionData classes representing all active subscriptions.

GetAllSubscriptions() *SubscriptionData()*

See Subscription Data Classes > SubscriptionData. Returns an array of SubscriptionData classes representing all subscriptions, both active and inactive.

GetSubscription() *SubscriptionData*

See Subscription Data Classes > SubscriptionData

For a given ID, returns a SubscriptionData class populated with settings for that Subscription definition.

Id *integer*

GetSubscriptionPropertiesForContent() *SubscriptionPropertiesData*

See Subscription Data Classes > SubscriptionData. Retrieves subscription properties for content using the content's ID.

ContentId *integer*

GetSubscriptionPropertiesForFolder() *SubscriptionPropertiesData*

See Subscription Data Classes > SubscriptionPropertiesData. Retrieves subscription properties for a given folder ID.

FolderId *integer*

GetSubscriptionsForContent() *SubscriptionData()*

See Subscription Data Classes > SubscriptionData. Returns an array of SubscriptionData classes representing the subscriptions for a given Content ID.

ContentId *integer*

GetSubscriptionsForFolder() *SubscriptionData()*

See Subscription Data Classes > SubscriptionData. Loads subscriptions for a given folder ID.

FolderId *integer*

Subscription Data Classes

Ektron.Cms.SubscriptionData

Id *integer*

ID of Subscription Definition

Name *String*

Name of Subscription Definition

Enable *Boolean*

Is it enabled?

LanguageId *integer*

Language ID code for subscription definition.

Ektron.Cms.Subscription PropertiesData

BreakInheritance *Integer*

Inherit from parent?

0 = False

1 = True

NotificationType *Common.EkEnumeration*. *SubscriptionProperty NotificationTypes*

Notification types:

Always

Initial

Never

SuspendNextNotification *Boolean*

Should we suspend the next notification? For example, for testing.

SendNextNotification *Boolean*

Should we send the next web alert? Overrides NotificationTypes: Never and Initial.

Subject *String*

URL *String*

The URL you are sending from.

EmailFrom *String*

The Email from address.

FileLocation *String*

Where to drop the XML files with the

instruction set?

WebLocation *String*

Where can the Service look to download the XML files?

OptOutID *Integer*

ID of the OptOut Message (required)

DefaultMessageID *Integer*

ID of the Default Message (optional)

SummaryID *Integer*

Summary of which content ID?

ContentID *Integer*

Use the text of which content ID?

UseContentTitle *String*

Not used.

UnsubscribeID *Integer*

ID of the Unsubscribe Message (required)

UseContentLink *Integer*

Use the content link of which Content ID?

Ektron.Cms.EmailFromData

Class representing the emails from which a Subscription is sent.

Id *Integer*

Email *String*

Ektron.Cms.EmailMessageData

Class representing Subscription Email messages.

Id *Integer*

Title *String*

Title of the Subscription message.

Text *String*

Text of the message.

LanguageId *Integer*

Language ID code of the message.

Type *Common.EkEnumeration*. *EmailMessageTypes*

What type of message is it?

0 - OptOut

1 - Unsubscribe

2 - DefaultMessage

3 - Verification

4 - RequestResetPassword

DefaultMessage *Integer*

Is this the default message?

SearchManager Class

Ektron.Cms.API.Search.SearchManager Methods

Execute ContentData() (overloaded)

Use this method with the deprecated version of Search. It does not work with WebSearch.

condition *Ektron.Cms.ContentSearchCondition*

Sample Code:

```
Dim isEnglish As ContentSearchCondition = New _ ContentSearchCondition
isEnglish.setType = SearchType.EQUAL
isEnglish.setValue = 1033
isEnglish.setVariable = Content.content_language
Dim isTitleLikeTest As ContentSearchCondition = New _ ContentSearchCondition
isTitleLikeTest.setType = SearchType.LIKE
isTitleLikeTest.setValue = "test"
isTitleLikeTest.setVariable = Content.content_title
Dim condition As ContentSearchCondition = New _ ContentSearchCondition
condition.setType = SearchType.AND
condition.AddCondition(isTitleLikeTest)
AddCondition(isEnglish)
Dim search As New SearchManager
Dim result As ContentData() = search.Execute(condition)
```


API Quick Reference

Execute UserData() (overloaded)

Use this method with the deprecated version of Search. It does not work with WebSearch.

condition Ektron.Cms.UserSearchCondition

Sample Code:

```
Dim isMembership As UserSearchCondition = New _
UserSearchCondition()
isMembership.setType = SearchType.EQUAL
isMembership.setValue = 1
isMembership.setVariable = Users.membership_user
Dim isInEktron As UserSearchCondition = New _
UserSearchCondition()
isInEktron.setType = SearchType.EQUAL
isInEktron.setValue = "03031"
isInEktron.setVariable = "zip"
Dim condition As UserSearchCondition = New _
UserSearchCondition()
condition.setType = SearchType.AND
AddCondition(isInEktron)
AddCondition(isMembership)
Dim search As New SearchManager
Dim result As UserData() = search.Execute(condition)
```

Search MapResponseData() (overloaded)

mapReqData MapRequestData

context HttpContext

index Integer

page number

count Integer

page size

resultCount Integer

of records returned

Sample Code:

```
//This example demonstrates how to retrieve geo-content from CMS400.Net.//
Dim search As SearchManager = New SearchManager()
Dim requestData As MapRequestData = New MapRequestData()
Dim index As Integer = 1
Dim pageSize As Integer = 10
Dim requestData.LanguageID = 1033
Dim meta As MetaData = New MetaData()
meta.MetaDataValue = "71.495246887207"
meta.MetaDataValue2 = "71.6737747192383"
meta.Operator = MetaOperator.and
meta.DataComparer = MetaComparer.range
meta.MetaName = "MapLongitude"
Dim meta2 As MetaData = New MetaData()
meta2.MetaDataValue = "42.7437345034087"
meta2.MetaDataValue2 = "42.8747061062372"
meta2.Operator = MetaOperator.and
meta2.DataComparer = MetaComparer.range
meta2.MetaName = "MapLatitude"
requestData.MetaDataNameList = New MetaData() {meta, meta2}
Dim resultCount As Integer
Dim result() As MapResponseData = _
search.Search(requestData, HttpContext.Current, index, _
pageSize, resultCount)
```

Search SearchResponseData() (overloaded)

SearchManager Class, cont...

Ektron.Cms.API.Search.SearchManager Methods

searchReqData MapRequestData
searchReqData MapRequestData
context HttpContext

resultCount Integer

of records returned

Sample Code:

```
//The example demonstrates how to retrieve content that contains "research" and has a searchable metadata "wellness" set to "Cancer".//
Dim search As SearchManager = New SearchManager()
Dim requestData As SearchRequestData = New _
SearchRequestData()
requestData.LanguageID = 1033
requestData.SearchText = "research"
Dim meta As MetaData = New MetaData()
meta.MetaDataValue = "Cancer"
meta.DataComparer = MetaComparer.equalTo
meta.MetaName = "wellness"
requestData.MetaDataNameList = New MetaData() {meta}
Dim resultCount As Integer
Dim result() As SearchResponseData = search.Search(requestData, HttpContext.Current, resultCount)
```

Search SearchResponseData() (overloaded)

searchText String

context HttpContext

resultCount Integer

of records returned

SearchForCategories String()

searchReqData MapRequestData

SearchRequestData

See Search Data Classes > SearchRequestData

context HttpContext

index Integer

page number

count Integer

page size

resultCount Integer

of records returned

Sample Code:

```
Search based on taxonomy category. In this example we search for the category of Manchester.
Dim resultCount As Integer
Dim result() As SearchResponseData = _
search.Search(requestData, HttpContext.Current, _
resultCount)
Dim search As SearchManager = New SearchManager()
Dim requestData As SearchRequestData = New _
SearchRequestData()
requestData.SearchFor = _
Ektron.Cms.WebSearch.SearchDocumentType.all
requestData.GroupBy = "taxCategory"
requestData.SearchText = "Manchester"
Dim resultCount As Integer
Dim result() As SearchResponseData = _
search.SearchForCategories(requestData, _
HttpContext.Current, 0, resultCount)
```

SearchTable DataSet

searchReqData MapRequestData

SearchRequestData

See Search Data Classes > SearchRequestData

searchParams String

context HttpContext

resultCount Integer

of records returned

WebSearch Data Classes

Ektron.Cms.API.WebSearch.SearchData.SearchRequestData

searchText String

Text for which to search. Defaults to blank.

MaxResults Integer

Maximum number of results returned if paging not enabled. Defaults to 250.

FolderID Integer

FolderID from which search should start. Default folder is 0.

Recursive Boolean

Is search recursive or limited to specified folder? Default is recursive.

OrderBy String

Order search results by specified column. Defaults to Rank.

OrderDirection String

Order by ascending or descending. Defaults to Descending.

CurrentPage

Used for paging through results.

SearchReturnType

Defaults to HTML (html, datatable or xml).

LanguageID Integer

Language of contents to be searched. Defaults to 1033 (English).

PageSize

Defaults to providerPageSize.

Weights

Used for weighted word search. This is specific to the IndexService

SearchType String

Type of search to perform. (Defaults is "and") none, and, or, and/or, near, weighted

SearchFor String

Type of content to search. By default, all are searched. all, html, documents, images, multimedia

UserID Integer

User ID on which to filter private documents.

EnablePaging Boolean

Do you want to get paged results? By default, paging is enabled and page size set to 10. Modify provider settings in web.config to modify page size.

Category String

Taxonomy category for which to search. Defaults to blank.

ProviderName String

Index Service provider to use. Defaults to Dialect2 provider. Can be changed in Web.config.

GroupBy String

Only Dialect provider supports this GroupBy column name. Note: Ranking is altered if you do group by.

Ektron.Cms.WebSearch.SearchData.MapRequestData

Inherits from SearchRequestData

CurrentLongitude Integer

CurrentLatitude Integer

Ektron.Cms.WebSearch.SearchData.MapRequestData

Inherits from SearchRequestData

Characterization String

DateCreated DateTime

DateModified DateTime

ContentID Integer

ContentLanguage Integer

FolderID Integer

ContentType Integer

QuickLink String

Summary String

LastAuthor String

Title String

Size long

Category String

FileImage String

Ektron.Cms.WebSearch.SearchData.MapResponseData

Longitude double

Distance double

Latitude double

MetaInfo String

Summary String

Quicklink String

Title String

Address String

Description String

MapCategories String

MapTime DateTime

Calendar Class

Ektron.Cms.API.Calendar.Calendar Methods

CreateLangArrayFromCSII() LanguageData()

inList String

DeleteCalendar() Boolean

id Integer

Sample Code:

```
Dim calendarApi As New _
Ektron.Cms.API.Calendar.Calendar
Dim deleted As Boolean = True
deleted = calendarApi.DeleteCalendar(4)
```

GetAllCalendars() CalendarData()

See Calendar Data Classes > CalendarData

GetCalendar() CalendarData

See Calendar Data Classes > CalendarData

CalendarID Integer

Sample Code:

```
Dim calendarApi As New _
Ektron.Cms.API.Calendar.Calendar
Dim cData As New Ektron.Cms.Common.CalendarData
cData = calendarApi.GetCalendar(4)
```

GetFolderWithChildren() FolderData

See Folder Data Classes > FolderData

inFolderID Integer

SaveCalendar() Integer

InCalendar CalendarData

See Calendar Data Classes > CalendarData

Sample Code:

```
Dim calendarApi As New _
Ektron.Cms.API.Calendar.Calendar
Dim cData As New Ektron.Cms.Common.CalendarData
Dim id As Integer = 0
cData.CalendarID = 0 'leave 0 to add new
cData.CalendarTitle = "Example Calendar"
cData.CalendarDescription = "Example Calendar"
cData.RootFolderID = 0
cData.ShowWeekend = True
cData.EventTypeAvailable = True
cData.EventTypeRequired = False
id = calendarApi.SaveCalendar(cData)
```

CalendarEvent Class

Ektron.Cms.API.Calendar.CalendarEvent Methods

DeleteEvent()

eventId Integer

LoadEvent() CalendarEventData

eventId Integer

Sample Code:

```
Dim calendarApi As New _
Ektron.Cms.API.Calendar.CalendarEvent
Dim cData As New Ektron.Cms.Common.CalendarEventData
cData = calendarAPI.LoadEvent(1)
```

SaveEvent() Integer

CalendarEvent Ektron.Cms.CalendarEventData

See Calendar Data Classes > CalendarEventData associatedIDs String = "" (optional) Only for recurring events. Updates all recurring events with event data.

Calendar Data Classes

Ektron.Cms.

CalendarEventData

EventID Integer

EventTitle String

CalendarID Integer

EventLocation String

EventDay Integer

EventMonth Integer

EventYear Integer

EventDescription String

EventStartTime Date

EventStartTimeDisplay String

EventShowStartTime Boolean

Display start time in the calendar output.

EventEndTime Date

EventEndTimeDisplay String

EventShowEndTime Boolean

Display end time in the calendar output.

ContentID Integer

ContentLanguage Integer

QLink String

Quicklink of the associated content or a specified hyperlink.

LaunchNewBrowser Boolean

AuthorLastName String

AuthorFirstName String

StringEventLongDescription() String

Calendar() CalendarData

See Calendar Data Classes > CalendarData

Ektron.Cms.CalendarData

AvailableLanguages LanguageData()

CalendarID Integer

CalendarTitle String

CalendarDescription String

RootFolderID Integer

RootFolderPath String

Read only.

ShowWeekend Boolean

TableHeight Integer

TableHeight is deprecated.

TableWidth() Integer

LocationLabel String

StartLabel String

EndLabel String

ForwardOnly Boolean

Only display event this day and forward.

EventTypeLabel String

EventTypeAvailable String

EventTypeRequired Boolean

ContentLanguage Integer

LongDescriptionAvailable Integer

Allowed to have long description for events in the calendar.

0 = not allowed

1 = Text only

2 = Rich Text (HTML)

LongDescriptionAvailableText String

String value of LongDescriptionAvailable property.

EventTypeInfoInstructions String

Gets text displayed next to event type selector.

ShowAllEventTypes String

Gets text displayed to "show all" events in the event type selector. Analytics Class

Ektron.Cms.API.Analytics.Analytics Methods

GetSessionRank() Integer

0 = first page a new user has visited

1 = first page a returning user has visited

2 = any other page

page System.Web.UI.Page

Sample Code:

```
Dim AnalyticsAPI As New _
Ektron.Cms.API.Analytics.Analytics
Dim session_rank As Integer = _
AnalyticsAPI.GetSessionRank(Me.Page)
Response.Write(session_rank)
```

HardDumpAnalyticsBuffer()

Forces analytics buffer to write to database.

Surpasses checks to see if time before write or number of records before write has passed.

QueryAnalytics() DataSet

selectCommands() String

array of SQL queries in string format

SoftDumpAnalyticsBuffer() Boolean

Writes analytics buffer to database only if TimeBeforeWrite or HitsBeforeWrite conditions are surpassed.

TrackVisit() (overloaded)

Same as TrackVisit(Page), but does not automatically pull information from a Page object, pass those values down yourself.

content_id Integer

user_id Integer

CMS user or Membership user ID. 0 = visitor

visitor_id String

session_rank Integer

0 = first page a new user has visited

1 = first page a returning user has visited

2 = any other page

referring_url String

url String

TrackVisit() (overloaded)

Tracks a visit and passes down viewed content ID. It automatically pulls user_id, visitor_id, session_rank, referring_url and URL from the page object.

page System.Web.UI.Page

content_id Integer

Ektron.Cms.API.Analytics.Analytics Properties

AnalyticsEnabled Boolean

Read only boolean value from web.config indicating whether or not analytics is enabled.

AppendToISLog Boolean

Read only Boolean value from web.config indicating whether or not content ID and user ID of each visit is appended to the IIS logs.

InMemoryContentHitsData ContentHitsData

A shared (static) strongly typed dataset containing all tracking information. This should not be manipulated directly.

RecordsBeforeWrite Integer

Indicates number of records to hold in static memory buffer before writing to database. This smoothes out the number of writes to database.

TimeBeforeWrite Integer

Indicates number of seconds before writing in-memory buffer of records to database. This smoothes out the number of writes to database.

EventRecursionID Integer

Read only 0 = event is not recurring. Otherwise, it returns shared ID for all recursions of the event.

EventRecursionType() CalendarEventAPI.RecursionType

Public Enum RecursionType

Daily = 0

Weekly = 1

MonthlyByDay = 2

MonthlyByWeekDay = 3

YearlyByMonthDay = 4

YearlyByMonthWeekDay = 5