

Documentation

This document contains the main documentation for the Combat FeedReader object. This object is used to read HTTP RSS/RDF/ATOM feeds. The object uses XMLHTTP, WINHTTP and VBScript objects to do this. Check the code for URL's to download these components, should you encounter any problems.

The Object-Model is fairly simple:

FeedReader

FeedItem(s)

When the ReadFeed() method is called from the FeedReader object it will populate a collection of FeedItems that contains all items encountered in the feed. The FeedReader can "autodetect" the type of feed and generally only requires an URL to retrieve all items. The FeedReader object supports Authentication for feeds that require a logon, proxy servers (see code for details) and can strip HTML from descriptions.


Although the FeedReader object is tested and works fine, you may want to extend it to return more properties for feeds or FeedItems. This version only returns the most basic properties for items in a feed.





CombatFeedReader 0.1

FeedItem

This object contains the itemdata from a FeedItem.

 **Description()** *String*
The description (or contents) of an item

 **Title()** *String*
The Title of an item. Read-only

 **URL()** *String*
The URL of an item. Read-only

FeedReader

This object is the main object that is used to read an Atom (0.3), RSS (0.9x/2.0) or RDF (1.0) feed.

 **ReadFeed**(sURL (String), [sUserName (String)], [sPassWord (String)], [IType (eFeedType)], [bAllowHTML (Boolean)]) *Boolean*

Reads a feed from the specified URL and returns True if the feed was read and parsed, otherwise it will return false. The parameters sUserName and sPassWord are optional and should only be used when authentication for a feed is required. Both default to an empty string.

The IType parameter is used to force the FeedReader to parse a feed as a specific type of feed. This parameter is also optional and defaults to eAutoDetect.

The bAllowHTML parameter is used to specify whether items may contain HTML code in their descriptions. This parameter is also optional and defaults to False.

 **StripHTML**(sString (String)) *String*

Strips HTML tags from a string (using a regular expression) and returns the stripped string.

FeedItems() *Collection*

Returns a reference to the FeedItems collection. Read-only.

FeedType() *eFeedType*

Returns the type of feed when a feed was read using ReadFeed(). Read-only.

FeedTypeString() *String*

Returns the type of feed when a feed was read using ReadFeed() as string. Read-only.

LastErrorCode() *Long*

Returns the error code of the last error that occurred. Read-only.

LastErrorDesc() *String*

Returns the error description of the last error that occurred. Read-only.

LastHTTPStatus() *Long*

Returns the last HTTP status code that was encountered. Read-only.

LastHTTPStatusText() *String*

Returns the last HTTP status description that was encountered. Read-only.

ProxyPass() *String*

Sets or returns the Proxy password for the FeedReader object.

ProxyUser() *String*

Sets or returns the Proxy username for the FeedReader object.

Clear()

Clears all items from the ReadFeeder object. The ReadFeed method also calls this method, so when reading a feed all previous items will be cleared.

eFeedType

 AutoDetect = 0

 RSS = 1

 RDF = 2

 Atom = 3