



Namo Web Editor Control 6 Developer's Guide

MIME Module API

Properties

Methods

Charset

Specifies the Character-set of the HTML file.

Syntax

```
[get] HRESULT Charset(  
    BSTR pVal  
);  
  
[put] HRESULT Charset(  
    BSTR* newVal  
);
```

Parameters

[get] *pVal*

[out] Gets the current Character-set.

[put] *newVal*

[in] Sets the Character-set of the current HTML file.

Sample Codes

```
dim x  
x = mime.Charset  
mime.Charset = "iso-8859-1"
```

See Also

[Encode](#)

ContentEncoding

Specifies the encoding method.

Syntax

```
[get] HRESULT ContentEncoding(  
    long pVal  
);  
  
[put] HRESULT ContentEncoding(  
    long* newVal  
);
```

Parameters

[get] *pVal*

[out] Gets the present encoding method.

[put] *newVal*

[in] Enters the encoding method.

0	Does not encode at all.
1	Encodes as base64 only when the file type is not 7 bit. (Default)
2	Encodes as quoted-printable only when the file type is not 7 bit.
3	Encodes as base64 on any condition.
4	Encodes as quoted-printable on any condition.

Remarks

This option is applied only to text format files such as .html, .txt, and .css. Binary files (.gif, .jpg, .mid, etc) are encoded as base64.

Sample Codes

```
dim x  
x = mime.ContentEncoding  
mime.ContentEncoding = 2
```

See Also

[Encode](#)

EncodingFileFilter

Specifies the files for inclusion in the encoding process.

Syntax

```
[get] HRESULT EncodingFileFilter(  
    long pVal  
);  
  
[put] HRESULT EncodingFileFilter(  
    long* newVal  
);
```

Parameters

[get] *pVal*

[out] Prints the types of files specified in the present setting.

[put] *newVal*

[in] Specifies the type of file to be encoded. For example, the setting 'EncodingFileFilter = 3' includes image files and external CSS files for encoding.

1	Image
2	external CSS files
4	Objects(Movie clip files, Flash files)
8	External scripts
16	JavaApplet
32	Background sound file

Sample Codes

```
dim x  
x = mime.EncodingFileFilter  
mime.EncodingFileFilter = 3
```

See Also

[Encode](#)

OnlyHTMLBody

Specifies the range of an HTML file to be included in the MIME encoding process.

Syntax

```
[get] HRESULT OnlyHTMLBody(  
    long* pVal  
);  
  
[put] HRESULT OnlyHTMLBody(  
    long newVal  
);
```

Parameters

[get] *pVal*

[out, retval] Prints the current encoding range.

0	Encodes the whole document (default)
1	Encodes the area between <body> and </body>.

[put] *newVal*

[in] Specifies an encoding range.

0	Encodes the whole document (default)
1	Encodes the area between <body> and </body>.

See Also

[Encode](#)

OnlyLocalFiles

Gets or specifies the files to be encoded.

Syntax

```
[get] HRESULT OnlyLocalFiles(  
    long* pVal  
);  
  
[put] HRESULT OnlyLocalFiles(  
    long newVal  
);
```

Parameters

[get] *pVal*

[out, retval] Returns the current encoding range.

0	Encodes only the local files (default).
1	Encodes both the local and remote files.

[put] *newVal*

[in] Specifies an encoding range.

0	Encodes only the local files (default).
1	Encodes both the local and remote files.

Remarks

The current version supports only the parameter '0'.

Sample Codes

```
dim x  
x = mime.OnlyLocalFiles  
mime.OnlyLocalFiles = 0
```

See Also

[Encode](#)

BeginDecodeEx

Specifies a file to decode and then initiates the decode.

Syntax

```
HRESULT BeginDecodeEx(  
    BSTR mime  
);
```

Parameters

mime

[in] Specifies the MIME data to be decoded.

See Also

[GetItemCount](#), [DecodeEx](#), [EndDecodeEx](#)

Decode

Decodes the given MIME data to a specified location (path).

Syntax

```
HRESULT Decode (  
    BSTR mime  
    BSTR path  
);
```

Parameters

mime

[in] Specifies the MIME stream.

path

[in] Specifies the path of the files included in the MIME stream.

Sample Codes

```
mime.Decode text.value "c:\temp"
```

DecodeEx

Retrieves the information from the individual files in the MIME after executing BeginDecodeEx.

Syntax

```
HRESULT DecodeEx (  
    int index  
    int type  
  
    BSTR* pData  
);
```

Parameters

index

[in] Specifies the index from which to retrieve information from the individual files that make up the MIME files.

type

[in] Decides what kind of information is retrieved.

0	CID of the File
1	Filename
2	File content

pData

[out, retval] Returns the selected value.

See Also

[BeginDecodeEx](#), [GetItemCount](#), [EndDecodeEx](#)

Encode

Encodes an HTML file and the files embedded in it.

Syntax

```
HRESULT Encode (  
    BSTR fileName  
    BSTR* pMime  
);
```

Parameters

fileName

[in] HTML file to be encoded.

pMime

[out, retval] Returns the encoding result in the MIME format. In case the encoding process fails, returns an empty string(null string).

Remarks

1. Encoding covers just local files.
2. You can control the detailed action using properties such as [OnlyHTMLBody](#), [OnlyLocalFiles](#), [ContentEncoding](#), [EncodingFileFilter](#).

Sample Codes

```
text.value=mime.Encode("c:\index.htm")
```

See Also

[OnlyHTMLBody](#), [OnlyLocalFiles](#), [ContentEncoding](#), [EncodingFileFilter](#)

EncodeBSTR

Encodes the document using the method created from converting the resources in the HTML document into the MIME CID. This method is used as for the client which can process HTML encoding.

Syntax

```
HRESULT EncodeBSTR (  
    BSTR html  
    BSTR cid_filename,  
    BSTR* mime,  
);
```

Parameters

html

[in] HTML content to be encoded.

cid_filename

[in] Specifies the data to be encoded. The format is "CID|local path name|name|mime type|...."

e. g.) CID:1a2b3c@namo.co.kr|c:\img\a.gif|a.gif|image/gif

mime

[out, retval] Returns the encoding result. . In case the encoding process fails, returns the empty string(null string).

Remarks

Encodes only the local files.

Sample Codes

VB Script

```
dim object  
set object = Document.editForm  
object.text.value = object.mime.EncodeBSTR("c:\index.htm", _  
"CID:jrasdj239@namo.co.kr|c:\data\bg.gif|bg.gif|image/gif")
```

See Also

[EncodeByteArray](#)

EncodeByteArray

Encodes the document using the method created from converting the resources in the HTML document into the MIME CID. This method is used as for the client which can process HTML encoding.

Syntax

```
HRESULT EncodeByteArray (  
    VARIANT* bytes  
    BSTR cid_filename,  
    BSTR* mime,  
);
```

Parameters

bytes

[in] HTML content to be encoded. The content should be entered in a byte array format.

cid_filename

[in] Specifies the data to be encoded. The format is "CID|local path name|name|mime type|...."

e. g.) CID:1a2b3c@namo.co.kr|c:\img\a.gif|a.gif|image/gif

mime

[out, retval] Returns the encoding result. In case the encoding process fails, returns the empty string(null string).

Remarks

This method encodes only the local files.

See Also

[EncodeBSTR](#)

EncodeEx

Converts HTML resources into MIME CID in the client and then encodes.

Syntax

```
HRESULT EncodeEx (  
    BSTR html,  
    BSTR cid_filename,  
    BSTR* mime,  
);
```

Parameters

html

[in] specifies HTML file to be encoded

cid_filename

[in] specifies the data to be used in encoding. Type is like "CID|local path|name|mime type|...."

Example) CID:1a2b3c@namo.co.kr|c:\img\a.gif|a.gif|image/gif

mime

[out, retval] returns the outcome of encoding.

Remarks

This method encodes only the local files.

Sample Codes

```
text.value=mime.EncodeEx("c:\index.htm",  
"CID:jrasdj239@namo.co.kr|c:\data\bg.gif|bg.gif|image/gif")
```

EndDecodeEx

Terminates the handle of the MIME file that was selected by BeginDecodeEx.

Syntax

```
HRESULT EndDecodeEx (  
);
```

See Also

[BeginDecodeEx](#), [GetItemCount](#), [DecodeEx](#)

GetItemCount

Gets the number of files included in the selected MIME file after calling the method BeginDecodeEx.

Syntax

```
HRESULT GetItemCount(  
    long* pCount  
);
```

Parameters

pCount

[out, retval] Returns the number of files included in the present MIME file.

See Also

[BeginDecodeEx](#), [DecodeEx](#), [EndDecodeEx](#)

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