

http

Return Types

[Cookie Poster](#)

Method Summery

void [#createHttpClient](#)(http_clientname)
Create a named http client (like a web browser with session binding) usable todo multiple request/posts in same server session.

void [#deleteHttpClient](#)(http_clientname)
Delete a named http client.

Cookie [#getHttpClientCookie](#)(clientName, cookieName)
Get cookie object from the specified client.

Cookie[] [#getHttpClientCookies](#)(clientName)
Returns a Cookie array with all the cookies set on the specified client.

String [#getLastPageCharset](#)()
Get the charset of the last page received with getPageData().

byte[] [#getMediaData](#)(url, [http_clientname])
Get media (binary data) such as images in a variable.

String [#getPageData](#)(url, [http_clientname], [username], [password])
Get all page html in a variable (authentication only works with http client usage).

Poster [#getPoster](#)(url, [http_clientname])
Get poster object to do http (file) posts.

Boolean [#put](#)(clientName, url, fileName, filePath, [username], [password])
Put a file at the specified URL.

void [#setClientProxyUserNamePassword](#)(username, password)
Set the proxy username and password.

Boolean [#setHttpClientCookie](#)(clientName, cookieName, cookieValue, [domain], [path], [maxAge], [secure])
Add cookie to the specified client.

Method Details

[createHttpClient](#)

void [createHttpClient](#)(http_clientname)

Create a named http client (like a web browser with session binding) usable todo multiple request/posts in same server session.

Parameters

http_clientname

Returns

void

Sample

```
plugins.http.createHttpClient('mybrowser');  
var pageData = plugins.http.getPageData('http://www.cnn.com', 'mybrowser', 'username', 'mypassword');
```

[deleteHttpClient](#)

void [deleteHttpClient](#)(http_clientname)

Delete a named http client.

Parameters

http_clientname

Returns

void

Sample

```
plugins.http.deleteHttpClient('mybrowser');
```

[getHttpClientCookie](#)

Cookie [getHttpClientCookie](#)(clientName, cookieName)

Get cookie object from the specified client.

Parameters

clientName

cookieName

Returns

[Cookie](#)

Sample

```
var cookie = plugins.http.getHttpClientCookie('clientName', 'JSESSIONID');
if (cookie != null)
{
    // do something
}
else
    plugins.http.setHttpClientCookie('clientName', 'JSESSIONID', 'abc', 'localhost', '/', -1, false)
```

getHttpClientCookies

[Cookie](#)[] **getHttpClientCookies**(clientName)

Returns a Cookie array with all the cookies set on the specified client.

Parameters

clientName

Returns

[Cookie](#)[]

Sample

```
var cookies = plugins.http.getHttpClientCookies('clientName')
```

getLastPageCharset

[String](#) **getLastPageCharset**()

Get the charset of the last page received with getPageData(...)

Returns

[String](#)

Sample

```
var a = plugins.http.getPageData('http://www.google.com.hk');
var charset = plugins.http.getLastPageCharset();
var success = plugins.file.writeTXTFile('someFilePath', a, charset);
if (!success) plugins.dialogs.showWarningDialog('Warning', 'Could not write file', 'OK');
```

getMediaData

[byte](#)[] **getMediaData**(url, [http_clientname])

Get media (binary data) such as images in a variable. It also supports gzip-ed content.

Parameters

url

[http_clientname]

Returns

[byte](#)[]

Sample

```
var image_byte_array = plugins.http.getMediaData('http://www.cnn.com/cnn.gif');
var image_byte_array2 = plugins.http.getMediaData('http://www.cnn.com/cnn.gif', 'clientName');
```

getPageData

[String](#) **getPageData**(url, [http_clientname], [username], [password])

Get all page html in a variable (authentication only works with http client usage). If name is provided a http client will be created/used.

Parameters

url

[http_clientname]

[username]

[password]

Returns

[String](#)

Sample

```
// get data using a default connection
var pageData = plugins.http.getPageData('http://www.cnn.com');
// create an http client and use it to get the data
var pageData = plugins.http.getPageData('http://www.cnn.com','myclient');
```

getPoster

Poster **getPoster**(url, [http_clientname])

Get poster object to do http (file) posts. If posting files, it will post multipart!

Parameters

url
[http_clientname]

Returns

Poster

Sample

```
var poster = plugins.http.getPoster('http://www.abc.com/apply_form.jsp');
var didAddParam = poster.addParameter('myParamName','myValue');
var didAddFile = poster.addFile('myFileParamName','manual.doc','c:/temp/manual_01a.doc');
var httpCode = poster.doPost('username','mypassword'); //httpCode 200 is ok
//var httpCode = poster.doPost('username','mypassword'); //use if authentication is needed
var pageData = poster.getPageData()
```

put

Boolean **put**(clientName, url, fileName, filePath, [username], [password])

Put a file at the specified URL.

Parameters

clientName
url
fileName
filePath
[username]
[password]

Returns

Boolean

Sample

```
var fileAdded = plugins.http.put('clientName', 'http://www.abc.com/put_stuff.jsp', 'manual.doc', 'c:/temp/
/manual_01a.doc', 'user', 'password')
```

setClientProxyUserNamePassword

void **setClientProxyUserNamePassword**(username, password)

Set the proxy username and password. Used for named http clients (else use implicit java data).

Parameters

username
password

Returns

void

Sample

```
plugins.http.setClientProxyUserNamePassword('my_proxy_username','my_proxy_password');
```

setHttpClientCookie

Boolean **setHttpClientCookie**(clientName, cookieName, cookieValue, [domain], [path], [maxAge], [secure])

Add cookie to the specified client.

Parameters

clientName
cookieName
cookieValue
[domain]
[path]
[maxAge]
[secure]

Returns[Boolean](#)**Sample**

```
var cookieSet = plugins.http.setHttpClientCookie('clientName', 'JSESSIONID', 'abc', 'localhost', '/', -1, false)
if (cookieSet)
{
    //do something
}
```