

mail

Using GMail

To connect to GMail the following settings supplied in the properties Array:

```
var userName = 'xxx';
var passWord = 'yyy';
var properties = new Array();
properties[0] = 'mail.smtp.host=smtp.gmail.com';
properties[1] = 'mail.smtp.auth=true';
properties[2] = 'mail.smtp.username=' + userName;
properties[3] = 'mail.smtp.password=' + passWord;
properties[4] = 'mail.smtp.port=587';
properties[5] = 'mail.smtp.starttls.enable=true';
```

Return Types

[Attachment](#) [MailMessage](#)

Server Property Summery

[#mail.development.override.address](#)
[#mail.from](#)
[#mail.mime.charset](#)
[#mail.pop3.apop.enable](#)
[#mail.pop3.host](#)
[#mail.server.allowUnauthenticatedRMIAccess](#)
[#mail.smtp.auth](#)
[#mail.smtp.connectiontimeout](#)
[#mail.smtp.host](#)
[#mail.smtp.password](#)
[#mail.smtp.port](#)
[#mail.smtp.ssl.enable](#)
[#mail.smtp.timeout](#)
[#mail.smtp.username](#)

Method Summery

Attachment	#createBinaryAttachment (filename, binarydata, [mimeType]) Creates a binary attachment object.
Attachment	#createTextAttachment (filename, textdata, [mimeType]) Creates a text based attachment object.
String	#getLastSendMailExceptionMsg () Get the exception that occurred in the last sendMail attempt (null if no exception occurred).
MailMessage	#getMailMessage (binaryblob/string) Helper method, returns MailMessage object from binary or 7bits string.
String[]	#getPlainMailAddresses (addressesString) Helper method to only get the plain addresses.
MailMessage[]	#receiveMail (userName, password, leaveMsgsOnServer, [receiveMode], [onlyreceiveMsgWithSentDate], [overridePreferencePOP3Host /properties array]) Receive mails from pop3 account.
Boolean	#sendMail ([to,to2,toN], [from[,reply], subject, msgText, [cc,cc2,ccN], [bcc,bcc2,bccN], [attachment/attachments array], [overridePreferenceSMTPHost/properties array]) Send a mail, if you make the msgText start with <html> the message will be sent in html (and you can use all html formatting).

Server Property Details

mail.development.override.address

Specify an email address to which all email will be send instead of the specified To, Cc and Bcc addresses. The specified to, Cc and Bcc addresses will be added to the Subject.

mail.from

Default 'from' address if none is specified

mail.mime.charset

Specify the name of the charset to use for mail encoding (leave empty for system default), see <http://java.sun.com/j2se/1.4.2/docs/api/java/nio/charset/Charset.html> for info which charset names are usable

mail.pop3.apop.enable

Whether or not to use APOP for authentication (true/false), defaults to false.

mail.pop3.host

The name of POP3 server to receive mails from

mail.server.allowUnauthenticatedRMIAccess

Allow mailserver access for unauthenticated smart (rmi) client (true/false), defaults to false

mail.smtp.auth

Use authentication (true/false), defaults to false.

mail.smtp.connectiontimeout

Socket connection timeout value in milliseconds. Default is infinite timeout.

mail.smtp.host

The name of SMTP server to deliver the mails to

mail.smtp.password

Specify password if using authentication

mail.smtp.port

The port of SMTP server to deliver the mails to

mail.smtp.ssl.enable

Use SSL (true/false), defaults to false .

mail.smtp.timeout

Socket I/O timeout value in milliseconds. Default is infinite timeout.

mail.smtp.username

Specify username if using authentication

Method Details

createBinaryAttachment

[Attachment](#) **createBinaryAttachment**(filename, binarydata, [mimeType])

Creates a binary attachment object.

Parameters

filename

binarydata

[mimeType]

Returns

[Attachment](#)

Sample

```
var attachment1 = plugins.mail.createBinaryAttachment('logo1.gif', plugins.file.readFile('c:/temp/a_logo.gif'));
var attachment2 = plugins.mail.createBinaryAttachment('logo2.gif', plugins.file.readFile('c:/temp/another_logo.gif'));
var success = plugins.mail.sendMail('to_someone@example.com', 'John Cobb <from_me@example.org>', 'subject', 'msgText', null, null, new Array(attachment1, attachment2));
if (!success)
{
    plugins.dialogs.showWarningDialog('Alert', 'Failed to send mail', 'OK');
}
```

createTextAttachment

[Attachment](#) **createTextAttachment**(filename, textdata, [mimeType])

Creates a text based attachment object.

Parameters

filename

textdata

[mimeType]

Returns

[Attachment](#)

Sample

```
var attachment = plugins.mail.createTextAttachment('readme.html','<html>bla bla bla', 'text/html');
var success = plugins.mail.sendMail('to_someone@example.com', 'John Cobb <from_me@example.com>', 'subject',
'msgText',null,null,attachment);
if (!success)
{
    plugins.dialogs.showWarningDialog('Alert','Failed to send mail','OK');
}
```

[getLastSendMailExceptionMsg](#)

[String](#) **getLastSendMailExceptionMsg()**

Get the exception that occurred in the last sendMail attempt (null if no exception occurred).

Returns

[String](#)

Sample

```
var success = plugins.mail.sendMail('to_someone@example.com,to_someone_else@example.org', 'John Cobb
<from_me@example.com>', 'subject', 'my message',null,'unnamed@example.com');
if (!success)
{
    plugins.dialogs.showWarningDialog('Alert',plugins.mail.getLastSendMailExceptionMsg(),'OK');
}
```

[getMailMessage](#)

[MailMessage](#) **getMailMessage**(binaryblob/string)

Helper method, returns MailMessage object from binary or 7bits string.

Parameters

binaryblob/string

Returns

[MailMessage](#)

Sample

```
var msg = plugins.mail.getMailMessage(myColumn);
if (msg != null) //if is null error occurred!
{
    application.output(msg.getFromAddresses())
}
```

[getPlainMailAddresses](#)

[String\[\]](#) **getPlainMailAddresses**(addressesString)

Helper method to only get the plain addresses.

Parameters

addressesString

Returns

[String\[\]](#)

Sample

```
var plainArray = plugins.mail.getPlainMailAddresses('John Cobb <from_me@example.com>;Pete
Cobb<from_pete@example.com>');
application.output(plainArray[0]) //will return 'from_me@example.com'
```

[receiveMail](#)

[MailMessage\[\]](#) **receiveMail**

(userName, password, leaveMsgsOnServer, [receiveMode], [onlyreceiveMsgWithSentDate], [overridePreferencePOP3Host/properties array])

Receive mails from pop3 account.

Parameters

userName
 password
 leaveMsgsOnServer
 [receiveMode]
 [onlyreceiveMsgWithSentDate]
 [overridePreferencePOP3Host/properties array]

Returns

[MailMessage\[\]](#)

Sample

```

var msgs = plugins.mail.receiveMail('me', 'test', true);
if (msgs != null) //if is null error occurred!
{
    for (var i = 0 ; i < msgs.length ; i++)
    {
        var msg = msgs[i]
        application.output(msg.getFromAddresses())
        application.output(msg.getRecipientAddresses())
        application.output(msg.getReplyAddresses())
        application.output(msg.getReceivedDate())
        application.output(msg.getSentDate())
        application.output(msg.getHeaders())
        application.output(msg.getSubject())
        application.output(msg.getHtmlMsg())
        application.output(msg.getPlainMsg())
        var attachments = msg.getAttachments()
        if (attachments != null)
        {
            for (var j = 0 ; j < attachments.length ; j++)
            {
                var attachment = attachments[j]
                application.output(attachment.getName())
                var attachmentDataByteArray = attachment.getData()
                //write attachmentDataByteArray to a file...
            }
        }
    }
}

//it is also possible to first receive the headers and later receive a full message with particular 'sentdate'
//var receiveMode = 1;//0=FULL,1=HEADERS_ONLY,2=NO_ATTACHMENTS
//var msgs = plugins.mail.receiveMail('me', 'test', true ,receiveMode);

//when first did receive the headers(=all_field+subject,no body and no attachemnt), get a msg with a specific
sentdate
//var msgs = plugins.mail.receiveMail('me', 'test', true , 1 , theSentDateObjectFormPreviousHeaderLoading);

//it is possbile to set all kind of pop3 properties
//var properties = new Array()
//properties[0] = 'mail.pop3.host=myserver.com'
//properties specification can be found at:http://java.sun.com/products/javamail/javadocs/com/sun/mail/pop3
/package-summary.html
//var msgs = plugins.mail.receiveMail('me', 'test', true , 0 , null, properties);

```

sendMail**Boolean sendMail**

([to[,to2,toN], [from[,reply], subject, msgText, [cc,cc2,ccN], [bcc,bcc2,bccN], [attachment/attachments array], [overridePreferenceSMTPHost/properties array])

Send a mail, if you make the msgText start with <html> the message will be sent in html (and you can use all html formatting).

Parameters

[to[,to2,toN]
 [from[,reply]
 subject
 msgText
 [cc,cc2,ccN]
 [bcc,bcc2,bccN]
 [attachment/attachments array]
 [overridePreferenceSMTPHost/properties array]

Returns

Boolean

Sample

```
var attachment1 = plugins.mail.createBinaryAttachment('embedded',plugins.file.readFile('c:/temp/a_logo.gif'));
var msgText = 'plain msg<html>styled html msg</html>';
var success = plugins.mail.sendMail('to_someone@example.com,to_someone_else@example.net', 'John Cobb
<from_me@example.com>', 'subject', msgText,null,'unnamed@example.com',[attachment1]);
if (!success)
{
    plugins.dialogs.showWarningDialog('Alert','Failed to send mail','OK');
}

//it is possible to set all kind of smtp properties
//var properties = new Array()
//properties[0] = 'mail.smtp.host=myserver.com'
//properties specification can be found at:http://java.sun.com/products/javamail/javadocs/com/sun/mail/smtp
/package-summary.html
//var msgs = plugins.mail.sendMail('to_someone@example.com,to_someone_else@example.net', 'John Cobb
<from_me@example.com>', 'subject', msgText,null,'unnamed@example.com',null, properties);
```