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# MailMessage

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## Method Summary

<a href="#">Attachment[]</a>	<a href="#">getAttachments()</a> Returns an array of Attachment instances corresponding to the attachments of this message.
<a href="#">String</a>	<a href="#">getCCAddresses()</a> Returns a String with all addresses present in the CC field of this message.
<a href="#">String</a>	<a href="#">getFromAddresses()</a> Returns a String with all addresses present in the From field of this message.
<a href="#">String</a>	<a href="#">getHeaders()</a> Returns a String with all headers of this message.
<a href="#">String</a>	<a href="#">getHtmlMsg()</a> Returns a String with the HTML content of this message.
<a href="#">String</a>	<a href="#">getPlainMsg()</a> Returns a String with the plain content of this message.
<a href="#">String</a>	<a href="#">getRecipientAddresses()</a> Returns a String with all addresses in the To field of this message.
<a href="#">String</a>	<a href="#">getReplyAddresses()</a> Returns a String with all addresses in the Reply-To field of this message.
<a href="#">Date</a>	<a href="#">getSentDate()</a> Returns a Date instance corresponding to the moment when this message was sent.
<a href="#">String</a>	<a href="#">getSubject()</a> Returns a String with the subject of this message.

## Method Details

### getAttachments

[Attachment\[\]](#) **getAttachments** ()

Returns an array of Attachment instances corresponding to the attachments of this message.

#### Returns

[Attachment\[\]](#)

**Sample**

```

var msgs = plugins.mail.receiveMail(username, password, true, 0, null, properties);
if (msgs != null)
{
    for (var i=0; i < msgs.length; i++)
    {
        var msg = msgs[i];
        var str = '';
        str += 'From: ' + msg.getFromAddresses() + '\n';
        str += 'To: ' + msg.getRecipientAddresses() + '\n';
        str += 'CC: ' + msg.getCCAddresses() + '\n';
        str += 'Reply to: ' + msg.getReplyAddresses() + '\n';
        str += 'Received on: ' + msg.getReceivedDate() + '\n';
        str += 'Sent on: ' + msg.getSentDate() + '\n\n';
        str += 'Subject: ' + msg.getSubject() + '\n\n';
        str += 'Plain message: ' + msg.getPlainMsg() + '\n\n';
        str += 'HTML message: ' + msg.getHtmlMsg() + '\n\n';
        str += 'Headers: ' + msg.getHeaders() + '\n\n';
        var attachments = msg.getAttachments();
        if (attachments != null) {
            str += 'Number of attachments: ' + attachments.length + '\n\n';
            for (var j=0; j < attachments.length; j++)
            {
                var attachment = attachments[j];
                str += 'Attachment ' + j + '\n';
                str += '    Name: ' + attachment.getName() + '\n';
                str += '    Size: ' + attachment.getData().length + '\n\n';
            }
        }
        plugins.file.writeTXTFile('msg' + i + '.txt', str);
        application.output('Message ' + i + ' retrieved.');
```

**getCCAddresses****String** **getCCAddresses** ()

Returns a String with all addresses present in the CC field of this message.

**Returns****String**

**Sample**

```

var msgs = plugins.mail.receiveMail(username, password, true, 0, null, properties);
if (msgs != null)
{
    for (var i=0; i < msgs.length; i++)
    {
        var msg = msgs[i];
        var str = '';
        str += 'From: ' + msg.getFromAddresses() + '\n';
        str += 'To: ' + msg.getRecipientAddresses() + '\n';
        str += 'CC: ' + msg.getCCAddresses() + '\n';
        str += 'Reply to: ' + msg.getReplyAddresses() + '\n';
        str += 'Received on: ' + msg.getReceivedDate() + '\n';
        str += 'Sent on: ' + msg.getSentDate() + '\n\n';
        str += 'Subject: ' + msg.getSubject() + '\n\n';
        str += 'Plain message: ' + msg.getPlainMsg() + '\n\n';
        str += 'HTML message: ' + msg.getHtmlMsg() + '\n\n';
        str += 'Headers: ' + msg.getHeaders() + '\n\n';
        var attachments = msg.getAttachments();
        if (attachments != null) {
            str += 'Number of attachments: ' + attachments.length + '\n\n';
            for (var j=0; j < attachments.length; j++)
            {
                var attachment = attachments[j];
                str += 'Attachment ' + j + '\n';
                str += '    Name: ' + attachment.getName() + '\n';
                str += '    Size: ' + attachment.getData().length + '\n\n';
            }
        }
        plugins.file.writeTXTFile('msg' + i + '.txt', str);
        application.output('Message ' + i + ' retrieved.');
```

**getFromAddresses****String** `getFromAddresses()`

Returns a String with all addresses present in the From field of this message.

**Returns****String**

**Sample**

```

var msgs = plugins.mail.receiveMail(username, password, true, 0, null, properties);
if (msgs != null)
{
    for (var i=0; i < msgs.length; i++)
    {
        var msg = msgs[i];
        var str = '';
        str += 'From: ' + msg.getFromAddresses() + '\n';
        str += 'To: ' + msg.getRecipientAddresses() + '\n';
        str += 'CC: ' + msg.getCCAddresses() + '\n';
        str += 'Reply to: ' + msg.getReplyAddresses() + '\n';
        str += 'Received on: ' + msg.getReceivedDate() + '\n';
        str += 'Sent on: ' + msg.getSentDate() + '\n\n';
        str += 'Subject: ' + msg.getSubject() + '\n\n';
        str += 'Plain message: ' + msg.getPlainMsg() + '\n\n';
        str += 'HTML message: ' + msg.getHtmlMsg() + '\n\n';
        str += 'Headers: ' + msg.getHeaders() + '\n\n';
        var attachments = msg.getAttachments();
        if (attachments != null) {
            str += 'Number of attachments: ' + attachments.length + '\n\n';
            for (var j=0; j < attachments.length; j++)
            {
                var attachment = attachments[j];
                str += 'Attachment ' + j + '\n';
                str += '    Name: ' + attachment.getName() + '\n';
                str += '    Size: ' + attachment.getData().length + '\n\n';
            }
        }
        plugins.file.writeTXTFile('msg' + i + '.txt', str);
        application.output('Message ' + i + ' retrieved.');
```

**getHeaders****String** getHeaders ()

Returns a String with all headers of this message.

**Returns****String**

**Sample**

```

var msgs = plugins.mail.receiveMail(username, password, true, 0, null, properties);
if (msgs != null)
{
    for (var i=0; i < msgs.length; i++)
    {
        var msg = msgs[i];
        var str = '';
        str += 'From: ' + msg.getFromAddresses() + '\n';
        str += 'To: ' + msg.getRecipientAddresses() + '\n';
        str += 'CC: ' + msg.getCCAddresses() + '\n';
        str += 'Reply to: ' + msg.getReplyAddresses() + '\n';
        str += 'Received on: ' + msg.getReceivedDate() + '\n';
        str += 'Sent on: ' + msg.getSentDate() + '\n\n';
        str += 'Subject: ' + msg.getSubject() + '\n\n';
        str += 'Plain message: ' + msg.getPlainMsg() + '\n\n';
        str += 'HTML message: ' + msg.getHtmlMsg() + '\n\n';
        str += 'Headers: ' + msg.getHeaders() + '\n\n';
        var attachments = msg.getAttachments();
        if (attachments != null) {
            str += 'Number of attachments: ' + attachments.length + '\n\n';
            for (var j=0; j < attachments.length; j++)
            {
                var attachment = attachments[j];
                str += 'Attachment ' + j + '\n';
                str += '    Name: ' + attachment.getName() + '\n';
                str += '    Size: ' + attachment.getData().length + '\n\n';
            }
        }
        plugins.file.writeTXTFile('msg' + i + '.txt', str);
        application.output('Message ' + i + ' retrieved.');
```

**getHtmlMsg****String** getHtmlMsg ()

Returns a String with the HTML content of this message.

**Returns****String**

**Sample**

```

var msgs = plugins.mail.receiveMail(username, password, true, 0, null, properties);
if (msgs != null)
{
    for (var i=0; i < msgs.length; i++)
    {
        var msg = msgs[i];
        var str = '';
        str += 'From: ' + msg.getFromAddresses() + '\n';
        str += 'To: ' + msg.getRecipientAddresses() + '\n';
        str += 'CC: ' + msg.getCCAddresses() + '\n';
        str += 'Reply to: ' + msg.getReplyAddresses() + '\n';
        str += 'Received on: ' + msg.getReceivedDate() + '\n';
        str += 'Sent on: ' + msg.getSentDate() + '\n\n';
        str += 'Subject: ' + msg.getSubject() + '\n\n';
        str += 'Plain message: ' + msg.getPlainMsg() + '\n\n';
        str += 'HTML message: ' + msg.getHtmlMsg() + '\n\n';
        str += 'Headers: ' + msg.getHeaders() + '\n\n';
        var attachments = msg.getAttachments();
        if (attachments != null) {
            str += 'Number of attachments: ' + attachments.length + '\n\n';
            for (var j=0; j < attachments.length; j++)
            {
                var attachment = attachments[j];
                str += 'Attachment ' + j + '\n';
                str += '    Name: ' + attachment.getName() + '\n';
                str += '    Size: ' + attachment.getData().length + '\n\n';
            }
        }
        plugins.file.writeTXTFile('msg' + i + '.txt', str);
        application.output('Message ' + i + ' retrieved.');
```

**getPlainMsg****String** getPlainMsg ()

Returns a String with the plain content of this message.

**Returns****String**

**Sample**

```

var msgs = plugins.mail.receiveMail(username, password, true, 0, null, properties);
if (msgs != null)
{
    for (var i=0; i < msgs.length; i++)
    {
        var msg = msgs[i];
        var str = '';
        str += 'From: ' + msg.getFromAddresses() + '\n';
        str += 'To: ' + msg.getRecipientAddresses() + '\n';
        str += 'CC: ' + msg.getCCAddresses() + '\n';
        str += 'Reply to: ' + msg.getReplyAddresses() + '\n';
        str += 'Received on: ' + msg.getReceivedDate() + '\n';
        str += 'Sent on: ' + msg.getSentDate() + '\n\n';
        str += 'Subject: ' + msg.getSubject() + '\n\n';
        str += 'Plain message: ' + msg.getPlainMsg() + '\n\n';
        str += 'HTML message: ' + msg.getHtmlMsg() + '\n\n';
        str += 'Headers: ' + msg.getHeaders() + '\n\n';
        var attachments = msg.getAttachments();
        if (attachments != null) {
            str += 'Number of attachments: ' + attachments.length + '\n\n';
            for (var j=0; j < attachments.length; j++)
            {
                var attachment = attachments[j];
                str += 'Attachment ' + j + '\n';
                str += '    Name: ' + attachment.getName() + '\n';
                str += '    Size: ' + attachment.getData().length + '\n\n';
            }
        }
        plugins.file.writeTXTFile('msg' + i + '.txt', str);
        application.output('Message ' + i + ' retrieved.');
```

**getRecipientAddresses****String** `getRecipientAddresses()`

Returns a String with all addresses in the To field of this message.

**Returns****String**

**Sample**

```

var msgs = plugins.mail.receiveMail(username, password, true, 0, null, properties);
if (msgs != null)
{
    for (var i=0; i < msgs.length; i++)
    {
        var msg = msgs[i];
        var str = '';
        str += 'From: ' + msg.getFromAddresses() + '\n';
        str += 'To: ' + msg.getRecipientAddresses() + '\n';
        str += 'CC: ' + msg.getCCAddresses() + '\n';
        str += 'Reply to: ' + msg.getReplyAddresses() + '\n';
        str += 'Received on: ' + msg.getReceivedDate() + '\n';
        str += 'Sent on: ' + msg.getSentDate() + '\n\n';
        str += 'Subject: ' + msg.getSubject() + '\n\n';
        str += 'Plain message: ' + msg.getPlainMsg() + '\n\n';
        str += 'HTML message: ' + msg.getHtmlMsg() + '\n\n';
        str += 'Headers: ' + msg.getHeaders() + '\n\n';
        var attachments = msg.getAttachments();
        if (attachments != null) {
            str += 'Number of attachments: ' + attachments.length + '\n\n';
            for (var j=0; j < attachments.length; j++)
            {
                var attachment = attachments[j];
                str += 'Attachment ' + j + '\n';
                str += '    Name: ' + attachment.getName() + '\n';
                str += '    Size: ' + attachment.getData().length + '\n\n';
            }
        }
        plugins.file.writeTXTFile('msg' + i + '.txt', str);
        application.output('Message ' + i + ' retrieved.');
```

**getReplyAddresses****String** `getReplyAddresses ()`

Returns a String with all addresses in the Reply-To field of this message.

**Returns****String**



**Sample**

```

var msgs = plugins.mail.receiveMail(username, password, true, 0, null, properties);
if (msgs != null)
{
    for (var i=0; i < msgs.length; i++)
    {
        var msg = msgs[i];
        var str = '';
        str += 'From: ' + msg.getFromAddresses() + '\n';
        str += 'To: ' + msg.getRecipientAddresses() + '\n';
        str += 'CC: ' + msg.getCCAddresses() + '\n';
        str += 'Reply to: ' + msg.getReplyAddresses() + '\n';
        str += 'Received on: ' + msg.getReceivedDate() + '\n';
        str += 'Sent on: ' + msg.getSentDate() + '\n\n';
        str += 'Subject: ' + msg.getSubject() + '\n\n';
        str += 'Plain message: ' + msg.getPlainMsg() + '\n\n';
        str += 'HTML message: ' + msg.getHtmlMsg() + '\n\n';
        str += 'Headers: ' + msg.getHeaders() + '\n\n';
        var attachments = msg.getAttachments();
        if (attachments != null) {
            str += 'Number of attachments: ' + attachments.length + '\n\n';
            for (var j=0; j < attachments.length; j++)
            {
                var attachment = attachments[j];
                str += 'Attachment ' + j + '\n';
                str += '    Name: ' + attachment.getName() + '\n';
                str += '    Size: ' + attachment.getData().length + '\n\n';
            }
        }
        plugins.file.writeTXTFile('msg' + i + '.txt', str);
        application.output('Message ' + i + ' retrieved.');
```

**getSentDate****Date** **getSentDate ()**

Returns a Date instance corresponding to the moment when this message was sent.

**Returns****Date**

**Sample**

```

var msgs = plugins.mail.receiveMail(username, password, true, 0, null, properties);
if (msgs != null)
{
    for (var i=0; i < msgs.length; i++)
    {
        var msg = msgs[i];
        var str = '';
        str += 'From: ' + msg.getFromAddresses() + '\n';
        str += 'To: ' + msg.getRecipientAddresses() + '\n';
        str += 'CC: ' + msg.getCCAddresses() + '\n';
        str += 'Reply to: ' + msg.getReplyAddresses() + '\n';
        str += 'Received on: ' + msg.getReceivedDate() + '\n';
        str += 'Sent on: ' + msg.getSentDate() + '\n\n';
        str += 'Subject: ' + msg.getSubject() + '\n\n';
        str += 'Plain message: ' + msg.getPlainMsg() + '\n\n';
        str += 'HTML message: ' + msg.getHtmlMsg() + '\n\n';
        str += 'Headers: ' + msg.getHeaders() + '\n\n';
        var attachments = msg.getAttachments();
        if (attachments != null) {
            str += 'Number of attachments: ' + attachments.length + '\n\n';
            for (var j=0; j < attachments.length; j++)
            {
                var attachment = attachments[j];
                str += 'Attachment ' + j + '\n';
                str += '    Name: ' + attachment.getName() + '\n';
                str += '    Size: ' + attachment.getData().length + '\n\n';
            }
        }
        plugins.file.writeTXTFile('msg' + i + '.txt', str);
        application.output('Message ' + i + ' retrieved.');
```

**getSubject****String** **getSubject ()**

Returns a String with the subject of this message.

**Returns****String**

**Sample**

```
var msgs = plugins.mail.receiveMail(username, password, true, 0, null, properties);
if (msgs != null)
{
    for (var i=0; i < msgs.length; i++)
    {
        var msg = msgs[i];
        var str = '';
        str += 'From: ' + msg.getFromAddresses() + '\n';
        str += 'To: ' + msg.getRecipientAddresses() + '\n';
        str += 'CC: ' + msg.getCCAddresses() + '\n';
        str += 'Reply to: ' + msg.getReplyAddresses() + '\n';
        str += 'Received on: ' + msg.getReceivedDate() + '\n';
        str += 'Sent on: ' + msg.getSentDate() + '\n\n';
        str += 'Subject: ' + msg.getSubject() + '\n\n';
        str += 'Plain message: ' + msg.getPlainMsg() + '\n\n';
        str += 'HTML message: ' + msg.getHtmlMsg() + '\n\n';
        str += 'Headers: ' + msg.getHeaders() + '\n\n';
        var attachments = msg.getAttachments();
        if (attachments != null) {
            str += 'Number of attachments: ' + attachments.length + '\n\n';
            for (var j=0; j < attachments.length; j++)
            {
                var attachment = attachments[j];
                str += 'Attachment ' + j + '\n';
                str += '    Name: ' + attachment.getName() + '\n';
                str += '    Size: ' + attachment.getData().length + '\n\n';
            }
        }
        plugins.file.writeTXTFile('msg' + i + '.txt', str);
        application.output('Message ' + i + ' retrieved.');
```

```
    }
}
else
{
    application.output("Failed to retrieve messages.");
}
```