

# cfmail

## Description

Uses an SMTP server to send e-mail message(s), optionally containing query output.

## Category

Other

## Implemented

## Usage Syntax

```

to="String"
from="String"
[cc="String"]
[bcc="String"]
subject="String"
[type="String"]
[maxRows="number"]
[mimeattach="String"]
[query="String"]
[group="String"]
[groupCaseSensitive="Boolean"]
[startRow="number"]
[server="String"]
[port="number"]
[mailerId="String"]
[timeout="number"]
[replyto="String"]
[failto="String"]
[username="String"]
[password="String"]
[wraptext="number"]
[charset="String"]
[spoolenable="Boolean"]
[tls="Boolean"]
[usetls="Boolean"]
[priority="String"]
[starttls="Boolean"]
[ssl="Boolean"]
[usessl="Boolean"]
[secure="Boolean"]
[proxyServer="String"]
[proxyPort="number"]
[proxyUser="String"]
[proxyPassword="String"]
/>

```

[ ] = Optional attribute

The tag cfmail also allows arrays and structs as input for the email definition. Check out the following example:

example:

```

email=' "aaa bbb , ccc "' dddd " <mic@streit.ch>' <-- please note the quotes and the commas -->
from="#{label:"abc",email:'mic@streit.ch'}#" to="#[{label:"Susi's Café",email:'michael@streit.ch'},email]#" subject="new (#{server.ColdFusion.ProductName#}) spoolenable="no"
special from

```

This allows you to specify all different kind of sender addresses.

## Attributes

Name	Type	Required	Default	Description
to	String / Array / Struct	Yes		<p>The name of the e-mail message recipient.</p> <ul style="list-style-type: none"> <li>- string (to=' "aaa bbb , ccc " dddd " &lt;mic@streit.ch&gt;' )</li> <li>- array of structs with keys "label" and "email" or string (to="#{label:"Susi's Café",email:'michael@streit.ch'},email]#" )</li> <li>- structs with keys "label" and "email" (from="#{label:"abc",email:'mic@streit.ch'}#" )</li> </ul>
from	String / Array / Struct	Yes		<p>The sender of the e-mail message.</p> <ul style="list-style-type: none"> <li>- string (to=' "aaa bbb , ccc " dddd " &lt;mic@streit.ch&gt;' )</li> <li>- array of structs with keys "label" and "email" or string (to="#{label:"Susi's Café",email:'michael@streit.ch'},email]#" )</li> <li>- structs with keys "label" and "email" (from="#{label:"abc",email:'mic@streit.ch'}#" )</li> </ul>

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cc	String / Array / No Struct	Indicates addresses to copy the e-mail message to; "cc" stands for "carbon copy." - string (to="aaa bbb , ccc " dddd " <mic@stre.it>") - array of structs with keys "label" and "email" or string (to="#[ {label:"Susi's Café",email:'michael@streit.ch'},email]#") - structs with keys "label" and "email" (from="# {label:"abc",email:'mic@streit.ch'}#")
bcc	String / Array / No Struct	Indicates addresses to copy the e-mail message to, without listing them in the message header. "bcc" stands for "blind carbon copy." - string (to="aaa bbb , ccc " dddd " <mic@stre.it>") - array of structs with keys "label" and "email" or string (to="#[ {label:"Susi's Café",email:'michael@streit.ch'},email]#") - structs with keys "label" and "email" (from="# {label:"abc",email:'mic@streit.ch'}#")
subject	String Yes	The subject of the mail message. This field may be driven dynamically on a message-by-message basis
type	String No	Specifies extended type attributes for the message.
maxRows	number No	Specifies the maximum number of e-mail messages to send.
mimeattach	String No	Specifies the path of the file to be attached to the e-mail message. An attached file is MIME-encoded.
query	String No	The name of the cfquery from which to draw data for message(s) to send. Specify this attribute to send more than one mail message, or to send the results of a query within a message.
group	String No	Specifies the query column to use when you group sets of records together to send as an e-mail message. For example, if you send a set of billing statements to customers, you might group on "Customer_ID." The group attribute, which is case sensitive, eliminates adjacent duplicates when the data is sorted by the specified field. See the Usage section for exceptions.
groupCaseSensitive	Boolean No	Boolean indicating whether to group with regard to case or not. The default value is YES; case is considered while grouping. If the query attribute specifies a query object that was generated by a case-insensitive SQL query, set the groupCaseSensitive attribute to NO to keep the recordset intact.
startRow	number No	Specifies the row in the query to start from.
server	String No	The address of the SMTP server to use for sending messages. If no server is specified, the server name specified in the ColdFusion Administrator is used.
port	number No	The TCP/IP port on which the SMTP server listens for requests. This is normally 25.
mailerID	String No	Specifies a mailer ID to be passed in the X-Mailer SMTP header, which identifies the mailer application. The default is ColdFusion Application Server.
timeout	number No	The number of seconds to wait before timing out the connection to the SMTP server.
replyto	String No	Address(es) to which the recipient is directed to send replies.
failto	String No	Address to which mailing systems should send delivery failure notifications. Sets the mail envelope reverse-path value.
username	String No	A user name to send to SMTP servers that require authentication. Requires a password attribute.
password	String No	A password to send to SMTP servers that require authentication. Requires a username attribute.
wraptxt	number No	Specifies the maximum line length, in characters of the mail text. If a line has more than the specified number of characters, replaces the last white space character, such as a tab or space, preceding the specified position with a line break. If there are no white space characters, inserts a line break at the specified position. A common value for this attribute is 72.
charset	String No	Character encoding of the mail message
spoolenable	Boolean No	

tls	Boolean	No	
usetls	Boolean	No	alias for tls
priority	String	No	
starttls	Boolean	No	alias for tls
ssl	Boolean	No	
usessl	Boolean	No	alias for ssl
secure	Boolean	No	alias for ssl
proxyServer	String	No	Host name or IP address of a proxy server. The port number on the proxy server from which the object is requested. Default is 80. When used with resolveURL, the URLs of retrieved documents that specify a port number are automatically resolved to preserve links in the retrieved document.
proxyPort	number	No	
proxyUser	String	No	When required by a proxy server, a valid username.
proxyPassword	String	No	When required by a proxy server, a valid password.

## Example Usage

```
<--- Basic, plain text e-mail, with attachment: --->
from="sender@host"
to="recipient@host"
subject="Hello"
wraptext="72"
mimeattach="#expandPath('images/logo.gif')#"
>This is the e-mail message body.
```

```
<--- HTML formatted e-mail: --->
from="sender@host"
to="recipient@host"
cc="recipient2@host"
bcc="recipient3@host"
subject="Hello"
type="html"
charset="utf-8"
priority="5"
>
```

### Hello!

This is an HTML e-mail message body.

```
<--- E-mails based on query output: --->
query="myContacts"
from="sender@host"
subject="New Site"
to="#myContacts.email# (#myContacts.firstName# #myContacts.lastName#)"
type="html"
group="companyName"
groupcasesensitive="false"
failto="bounces@host"
mailerid="Acme Mail Sender"
maxrows="500"
replyto="replies@host"
startrow="501"
>
```

Dear #myContacts.firstName#,

Please visit our new site at [href="http://localhost/"](http://localhost/)>localhost

```
<--- No spooling, send immediately: --->
from="sender@host"
to="recipient@host"
subject="Hello"
type="html"
spoolenable="false"
timeout="25"
>
```

### Hello!

This is an HTML e-mail message body.

```
<--- Specify SMTP server: --->
from="sender@host"
to="recipient@host"
subject="Hello"
type="html"
server="smtp.gmail.com"
username="homer.simpson@gmail.com"
password="doh!doh!"
port="587"
usetls="true"
```

>

**Hello!**

This is an HTML e-mail message body.