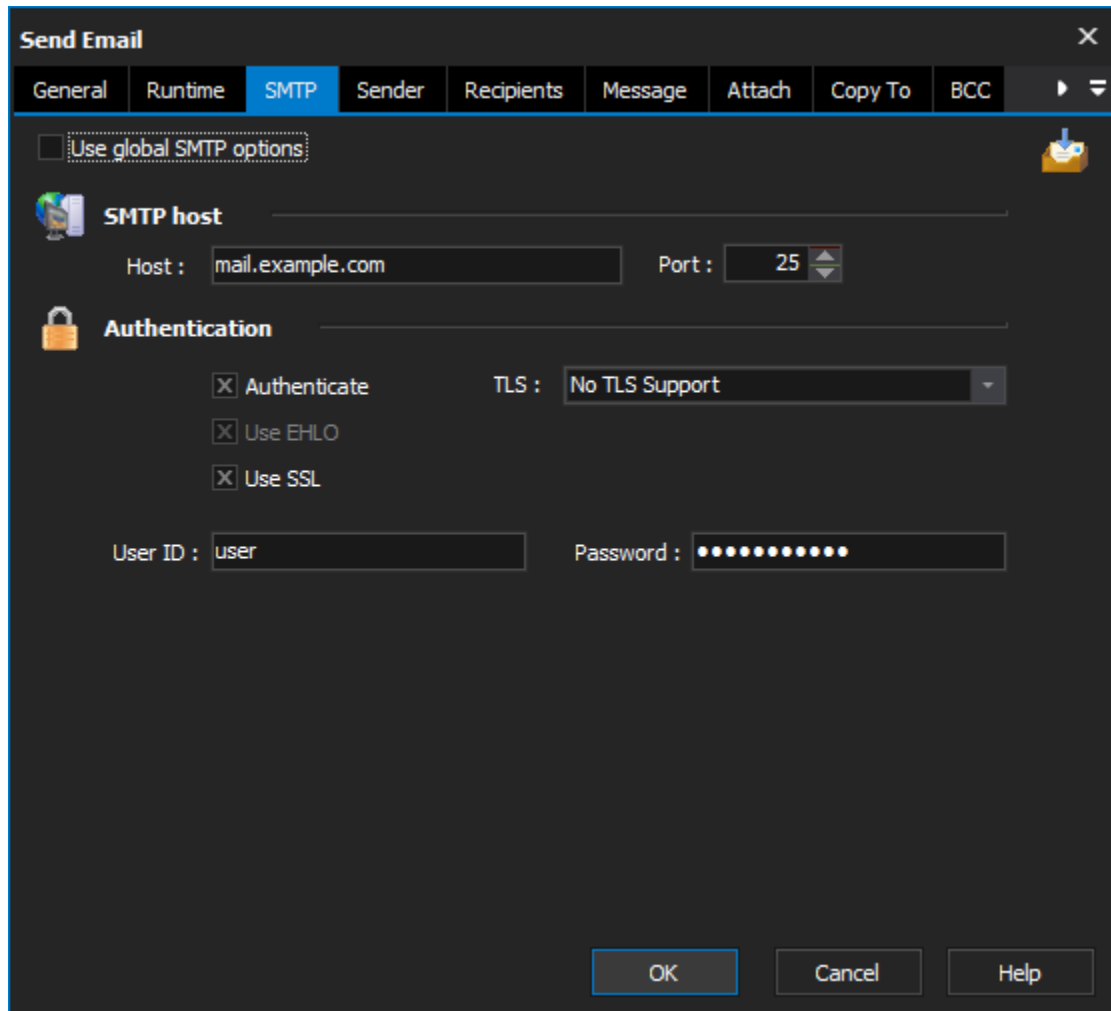


# Send Email (SMTP) Action

This action allows your FinalBuilder projects to send email via an SMTP server.

## SMTP



The image shows a 'Send Email' configuration window with a dark theme. It has a title bar with a close button (X) and a tabbed interface with tabs for 'General', 'Runtime', 'SMTP' (selected), 'Sender', 'Recipients', 'Message', 'Attach', 'Copy To', and 'BCC'. Below the tabs, there is a checkbox for 'Use global SMTP options' which is unchecked. The 'SMTP host' section includes a 'Host' field with 'mail.example.com' and a 'Port' spinner set to '25'. The 'Authentication' section has three checked checkboxes: 'Authenticate', 'Use EHLO', and 'Use SSL'. A 'TLS' dropdown menu is set to 'No TLS Support'. At the bottom, there are 'User ID' and 'Password' fields; the 'User ID' contains 'user' and the 'Password' is masked with dots. At the very bottom are 'OK', 'Cancel', and 'Help' buttons.

### Use global SMTP options

### SMTP host

#### Host

The host name (or IP address) of the SMTP server

#### Port

The port on which to connect, defaults to 25

### Authentication

#### Authenticate

#### Use EHLO

Enabling EHLO uses a slightly different protocol to communicate with the SMTP server. EHLO allows the SMTP server to report it's capabilities to the client (in this case FinalBuilder), and then the client can adjust it's protocol to support the reported capabilities.

It is generally a good idea to enable this option.

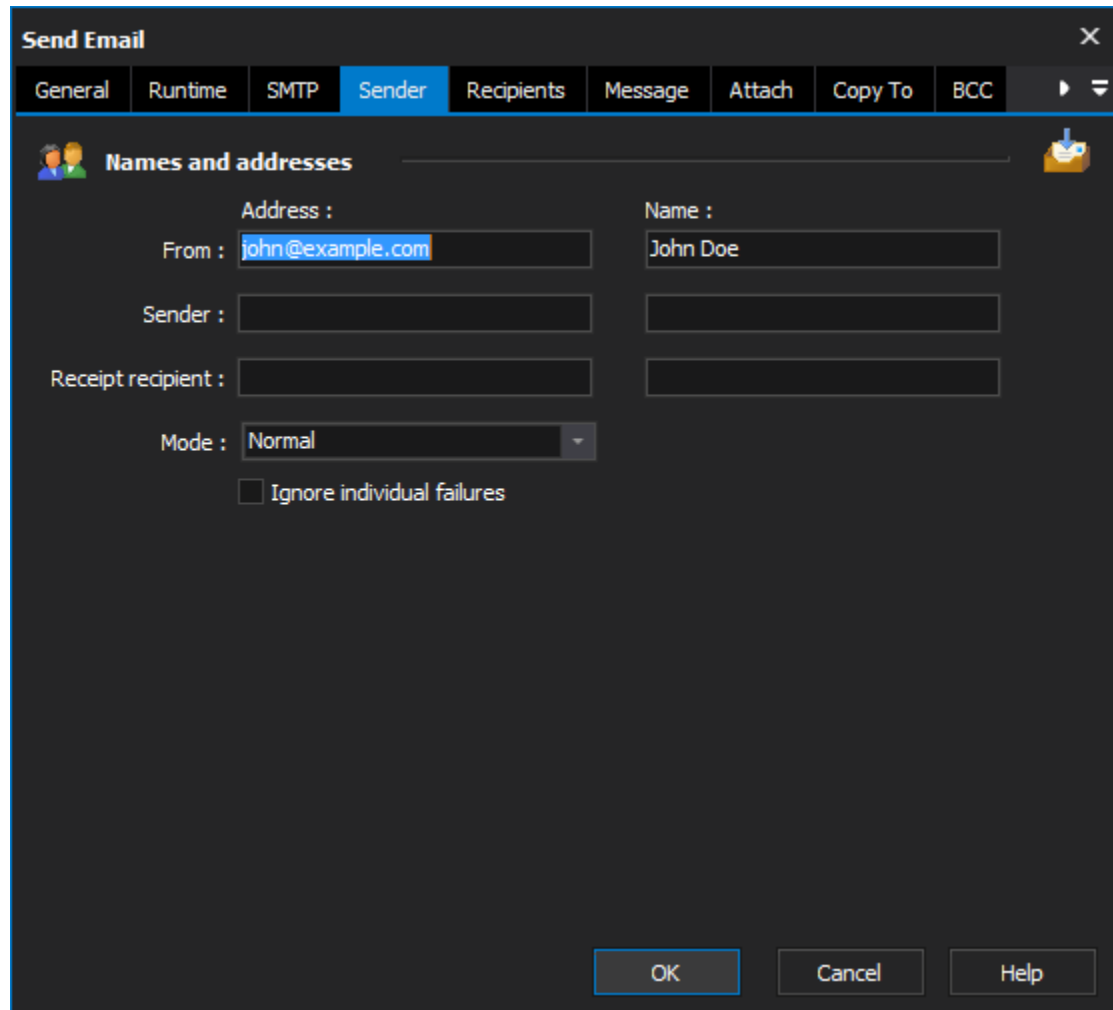
**Use SSL**

**TLS**

**UserID /Password**

If your smtp server requires authentication, provide your userid and password

**Sender**



The screenshot shows a 'Send Email' dialog box with a dark theme. The 'Sender' tab is selected, showing fields for 'From', 'Sender', 'Receipt recipient', 'Name', and 'Mode'. The 'From' field contains 'john@example.com' and the 'Name' field contains 'John Doe'. The 'Mode' is set to 'Normal'. There is a checkbox for 'Ignore individual failures' which is unchecked. The dialog has tabs for General, Runtime, SMTP, Sender, Recipients, Message, Attach, Copy To, and BCC. At the bottom are buttons for OK, Cancel, and Help.

Names and addresses	
Address :	Name :
From : john@example.com	John Doe
Sender :	
Receipt recipient :	
Mode : Normal	
<input type="checkbox"/> Ignore individual failures	

**Names and addresses**

**From**

This must be set to a valid email address

**Sender**

Set this when sending mail on behalf of someone else

**Receipt Recipient**

If you require a notice receipt then set the address for the receipt message to be sent to

**Mode**

When operating in normal Mode, the action sends a single email message. When operating in individual mode, it sends a message to each individual specified in the recipients property. The copy to and blind copy to lists are not used in this mode.

**Ignore individual failures**

## Recipients

The screenshot shows the 'Send Email' dialog box with the 'Recipients' tab selected. The 'Addresses' section has three radio buttons: 'Load from file', 'Load from variable', and 'Specify'. The 'Specify' option is selected. Below it is a table with three columns: 'Email', 'Name', and 'Enabled'. The first row contains 'builds@example.com', 'Build Group', and a checkbox that is checked. Below the table are three buttons: 'Add', 'Delete', and 'Edit Field'. At the bottom of the dialog are 'OK', 'Cancel', and 'Help' buttons.

**Send Email** [X]

General Runtime SMTP Sender **Recipients** Message Attach Copy To BCC ▶ ▾

**Addresses**

☐ Load from file

☐ Load from variable

Variable must contain comma delimited list of email addresses.

☒ Specify

Email	Name	Enabled
builds@example.com	Build Group	<input checked="" type="checkbox"/>

Add Delete Edit Field

OK Cancel Help

The Recipients, Copy To, Blind Copy To and Reply To tabs all have the same grid that allows you to specify multiple email address/names.

Address can also be loaded from a text file. The format of the file is one recipient per line, with a comma separating the email address and name.

**Load from file**

**Load from variable**

**Specify**

Message

Send Email

General

Runtime

SMTP

Sender

Recipients

Message

Attach

Copy To

BCC

Subject :

Build Failed!

Encoding :

Default

Priority :

Normal

☐

Message is HTML formatted

Body :

The scheduled nightly build has failed.

Build number is %BuildNumber%.

The last reported error was:

%BuildError%

OK

Cancel

Help

### Subject

The email message's subject

### Encoding

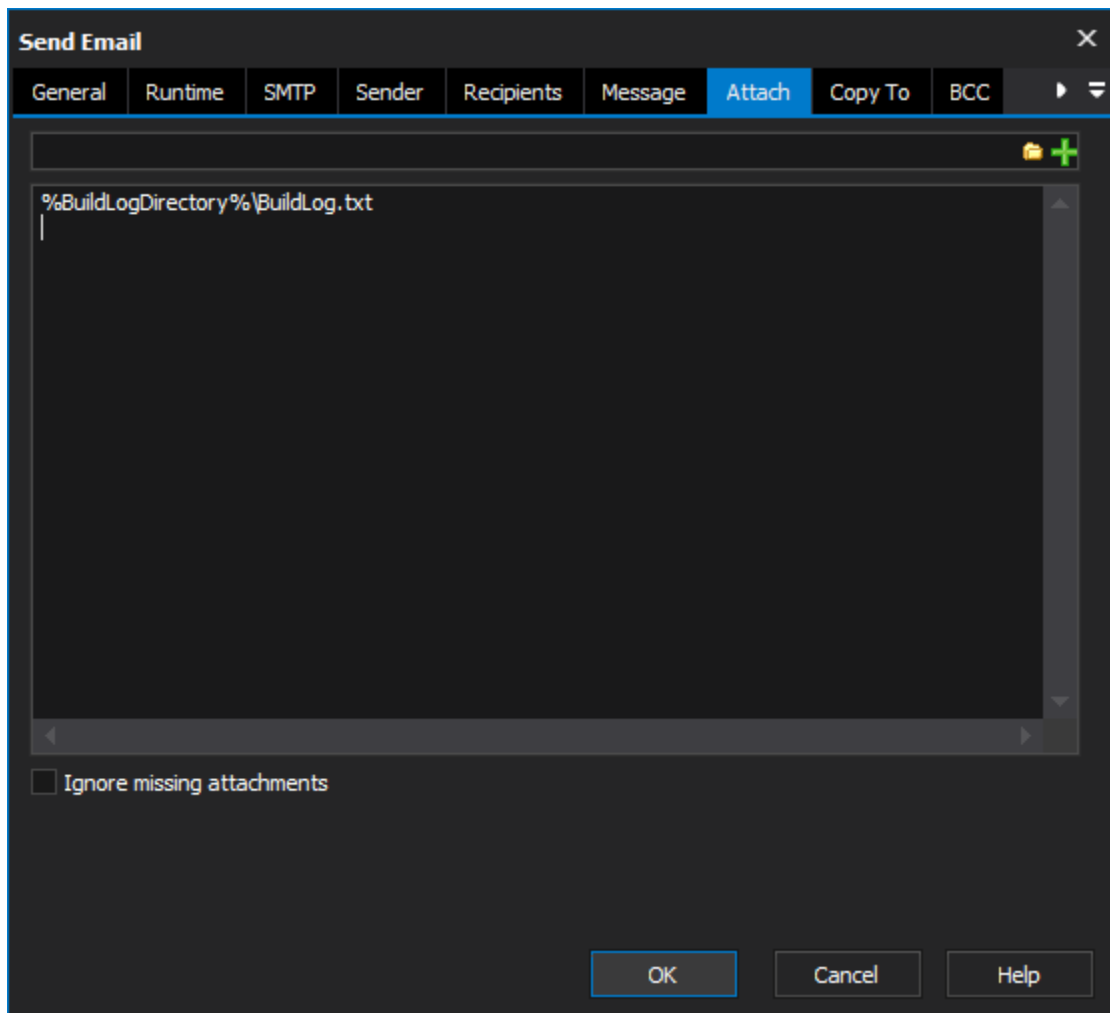
### Priority

### Message is HTML formatted

### Body

The actual message.

### Attach



To attach a file, click on the ... button and select the file(s) using the dialog. Then click on the tick button to add them to the attachments list.

**Ignore missing attachments**

Copy To

Send Email

General

Runtime

SMTP

Sender

Recipients

Message

Attach

Copy To

BCC

Addresses

☐ Load from file

☐ Load from variable

Variable must contain comma delimited list of email addresses.

☒ Specify

Email	Name	Enabled
-------	------	---------

Add

Delete

Edit Field

OK

Cancel

Help

## Addresses

Load from file

Load from variable

Specify

BCC

Send Email

Runtime

SMTP

Sender

Recipients

Message

Attach

Copy To

BCC

Reply To

Addresses

Load from file

Load from variable

Specify

Email	Name	Enabled
-------	------	---------

Add

Delete

Edit Field

OK

Cancel

Help

## Addresses

Load from file


Load from variable

Specify

Reply To

Send Email

SMTPSenderRecipientsMessageAttachCopy ToBCCReply To

Addresses


☐ Load from file


☐ Load from variable


☒ Specify

Variable must contain comma delimited list of email addresses.

Email	Name	Enabled
-------	------	---------

Add

Delete

Edit Field

OK

Cancel

Help

## Addresses

## Load from file

### Load from variable

## Specify

## Scripting Info

The Action properties available are :

```
property Host : WideString;
```

```
property Port : integer;
```

```
property UserId : WideString;
```

```
property Password : WideString;
```

```
property Authenticate : WordBool;
```

```
property Subject : WideString;
```

```
property Recipients : IFBAddressList;
```

```
property CopyTo : IFBAddressList;
```

```
property BlindCopyTo : IFBAddressList;
```

```
property Sender : IFBEmailAddress;
```

```
property From : IFBEmailAddress;
```



```
property ReplyTo : IFBEmailAddress;
property ReceiptRecipient : IFBEmailAddress;
property Mode : integer ; // valid values are emNormal and emIndividual
property Body : WideString;
IFBAddressList interface (for Recipients, CopyTo and Blind Copy To)
function Add(const Name,Address : WideString) : IFBEmailAddress;
function Item(Index : integer) : IFBEmailAddress;
procedure Clear;
procedure RemoveItem(Index : integer);
property Count : integer;
IFBEmailAddress interface (for Sender, From,ReplyTo and ReceiptRecipient)
property Name : WideString
property Address : WideString
property Text : WideString; //in the form "My Name" <myaddress@mycompany.com>
This action uses the Open Source Indy Components, for more information see the Indy web site :
```