PHP Sending Email

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Sending e-mail's through PHP script

```
mail( to, subject, message, headers, parameters );
```

Here is the description for each parameters.

Parameter	Description
to	Required. Specifies the receiver / receivers of the email
subject	Required. Specifies the subject of the email. This parameter cannot contain any newline characters
message	Required. Defines the message to be sent. Each line should be separated with a LF (\n). Lines should not exceed 70 characters
headers	Optional. Specifies additional headers, like From, Cc, and Bcc. The additional headers should be separated with a CRLF (\r\n)
parameters	Optional. Specifies an additional parameter to the sendmail program

Sending a simple message

```php
<?php
$to = "you@gmail.com";
$subject = "test mail";
$message = " PHP email fake send mail setup works ";

$res=mail($to, $subject, $message);

if($res) {
    echo 'Email sent successfully!';
} else {
    die('Failure: Email was not sent!');
}
?>
```

Send Email with Extra header

```php
<?php
$to = "you@gmail.com";
$subject = "test mail";
$message = "PHP email fake send mail setup works !";
$headers = 'From: <me@gmail.com>' . "\r\n";

$res=mail($to, $subject, $message, $headers);

if($res) {
    echo 'Email sent successfully!';
} else {
    die('Failure: Email was not sent!');
}
```

Sending e-mail

- While sending an email message you can specify a
  - Mime version,
  - content type and
  - character set

to send an HTML email.

Sending e-mail – Multiple recipients

- Using Mime and MIME_Mail to send an e-mail to multiple recipients requires that you identify the appropriate headers in an array.

- After instantiating the Mail_MIME class, you call the headers() method and pass in this array

Email with Mime version and Content type

- // Always set content-type when sending HTML email
$headers = "MIME-Version: 1.0" . "\r\n";
$headers .= "Content-type:**text/**html;charset=UTF-8" . "\r\n";

- //$headers .= "Content-type:text/html;charset=iso-8859-1" . "\r\n";

  // More headers
  $headers .= 'From: <me@gmail.com>' . "\r\n";
  $headers .= 'Cc: myboss@gmail.com' . "\r\n";

  mail($to,$subject,$message,$headers);
  ?>

MIME (Multipurpose Internet Mail Extension) version, content type and character set

To send an attachment along with the email, we need to set the **Content-Type** as **mixed/multipart**

Sending Mails

```php
<?php
$to = "you@gmail.com";
$subject = "test mail";
$message = "PHP email fake send mail setup works !";
// Always set content-type when sending HTML email
$headers = "MIME-Version: 1.0" . "\r\n";
$headers .= "Content-type:text/html;charset=iso-8859-1" . "\r\n";

//More headers
$headers = 'From: <me@gmail.com>' . "\r\n";
$headers .= 'Cc: myboss@gmail.com' . "\r\n";
$res=mail($to, $subject, $message, $headers);

if($res) {
   echo 'Email sent successfully!';
} else {
   die('Failure: Email was not sent!');
}
?>
```

Email with other Parameters (body and attachment)

```
//plain text
    $body = "--$boundary\r\n";
    $body .= "Content-Type: text/plain; charset=ISO-8859-1\r\n";
    $body .= "Content-Transfer-Encoding: base64\r\n\r\n";
    $body .= chunk_split(base64_encode($message));

//attachment
    $body .= "--$boundary\r\n";
    $body .="Content-Type: $file_type; name=".$file_name."\r\n";
    $body .="Content-Disposition: attachment; filename=".$file_name."\r\n";
    $body .="Content-Transfer-Encoding: base64\r\n";
    $body .="X-Attachment-Id: ".rand(1000, 99999)."\r\n\r\n";
    $body .= $encoded_content; // Attaching the encoded file with email

    $res = mail($to, $subject, $message, $headers, $body);
```

Email with attachment

- $mail->WordWrap = 50; // Set word wrap to 50 characters
- $mail->addAttachment('/var/tmp/file.tar.gz'); // Add attachments
- $mail->addAttachment('/tmp/image.jpg', 'new.jpg'); // Optional name
- $mail->isHTML(true); // Set email format to HTML

Steps to Send Mail From Localhost XAMPP Using Gmail:

1. Open XAMPP Installation Directory.

2. Go to C:\xampp\php and open the php.ini file.

3. Find [mail function] by pressing ctrl + f.

4. Search and pass the following values:

```
1  SMTP=smtp.gmail.com
2  smtp_port=587
3  sendmail_from = YourGmailId@gmail.com
4  sendmail_path = "\"C:\xampp\sendmail\sendmail.exe\" -t"
```

5. Now, go to C:\xampp\sendmail and open sendmail.ini file.

6. Find [sendmail] by pressing ctrl + f.

7. Search and pass the following values

```
1  smtp_server=smtp.gmail.com
2  smtp_port=587
3  error_logfile=error.log
4  debug_logfile=debug.log
5  auth_username=YourGmailId@gmail.com
6  auth_password=Your-Gmail-Password
7  force_sender=YourGmailId@gmail.com(optional)
```

Steps to Send Mail From Localhost XAMPP using Mailtrap
Php.ini

Go to C:\xampp\php and open the php.ini file.

```
[mail function]
; For Win32 only.
; http://php.net/smtp
smtp=smtp.mailtrap.io
; http://php.net/smtp-port
smtp_port=25

; For Win32 only.
; http://php.net/sendmail-from
sendmail_from = me@gmail.com

; http://php.net/sendmail-path
sendmail_path = "\"C:\xampp\sendmail\sendmail.exe\" -t"
mail.add_x_header=On
```
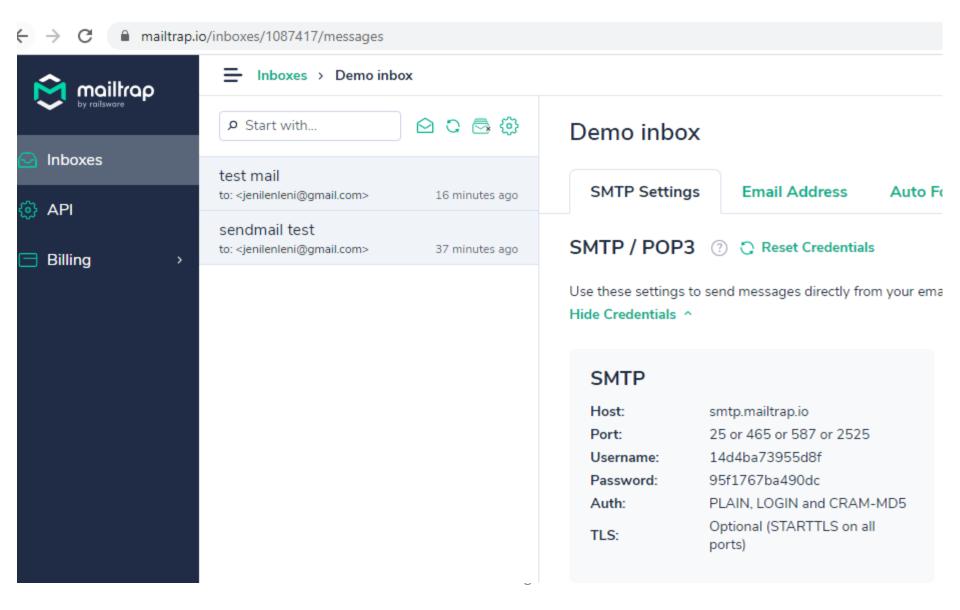
Sendmail.ini

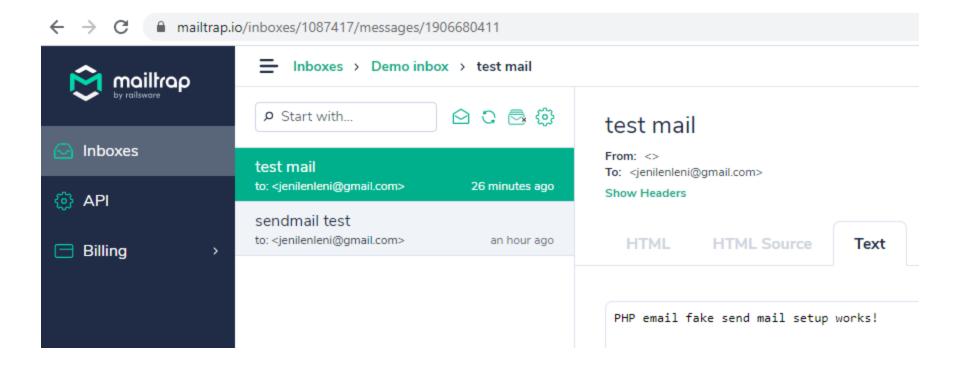go to C:\xampp\sendmail and open sendmail.ini file

```
smtp_server=smtp.mailtrap.io
smtp_server=smtp.gmail.com

smtp_port=25

smtp_ssl=auto

auth_username=14d4ba73955d8f
auth_password=95f1767ba490dc

force_sender=me@gmail.com
```

Credentials

Output Screen

Online Videos

- https://www.youtube.com/watch?v=lh1UNGA518s

- https://www.youtube.com/watch?v=L-WBJwaJ7go

- https://www.youtube.com/watch?v=0o8cJOpqez0