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# Send HTML Email with multiple attachments in PHP

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Email is very useful thing for every web project. Every web project need an email system for sending notifications or information to the users. Many times we needs to send email with HTML content and attachment files.

In this tutorial we will discuss how can send HTML email with single or multiple attachments in PHP. Our tutorial will help web developers to send any types of files as an attachment (like images, .doc, .docx, .pdf, .txt, etc.). We have been made the whole process are very simple and easy. Please follow the short and easy tutorial given below. Also you can view the live demo

from the above “Demo” link and download the full source code with step by step instruction from the above “Download” link.

## Custom Function for Multiple Attachments Email:

At first we will create a function named `multi_attach_mail()`. This function required some arguments, like receiver email, email subject, email message, sender email, sender name and attachment files array. Please see the source code given below and follow the comment lines for better understanding.

```
function multi_attach_mail($to, $subject, $message, $senderMail, $senderName, $files){

    $from = $senderName." <".$senderMail.">";

    $headers = "From: $from";

    // boundary

    $semi_rand = md5(time());

    $mime_boundary = "==Multipart_Boundary_x{$semi_rand}x";

    // headers for attachment

    $headers .= "\nMIME-Version: 1.0\n" . "Content-Type: multipart/mixed;\n" . " bounda
ry=\\"{$mime_boundary}\\"";
```

```

// multipart boundary

$message = "--{$mime_boundary}\n" . "Content-Type: text/html; charset=\"UTF-8\"\n"
.

"Content-Transfer-Encoding: 7bit\n\n" . $message . "\n\n";

// preparing attachments

if(count($files) > 0){

    for($i=0;$i<count($files);$i++){

        if(is_file($files[$i])){

            $message .= "--{$mime_boundary}\n";

            $fp = @fopen($files[$i],"rb");

            $data = @fread($fp,filesize($files[$i]));

            @fclose($fp);

            $data = chunk_split(base64_encode($data));

            $message .= "Content-Type: application/octet-stream; name=\"".basename(
$files[$i]).".\".\n" .

            "Content-Description: ".basename($files[$i])."\n" .

```

```

        "Content-Disposition: attachment;\n" . " filename=\"" . basename($files[$
i]). "\"; size=" . filesize($files[$i]) . ";\n" .

        "Content-Transfer-Encoding: base64\n\n" . $data . "\n\n";

    }

}

}

$message .= "--{$mime_boundary}--";

$returnpath = "-f" . $senderMail;

//send email

$mail = @mail($to, $subject, $message, $headers, $returnpath);

//function return true, if email sent, otherwise return false

if($mail){ return TRUE; } else { return FALSE; }

}

```

## Use the Function and Send Email:

Declare some variables, like receiver email, email subject, email message, sender email, and sender name. `$to` variable is used for hold the receiver email id, `$from` variable is used for hold the sender email id, `$from_name` variable is used for hold the sender name, `$attachment_files` variable is used for hold the attachment files path array, `$subject` variable is used for hold the email subject, `$html_content` variable is used for hold the email body content.

You only need to change two variables value. Firstly change the `$to` variable value with the receiver email id and secondly change the `$attachment_files` value with the attachment files path array. Now call the previously created function and pass the variables as the function arguments. Please see the source code given below and follow the comment line.

```
//email variables

$to = 'nityamaity87@gmail.com';

$from = 'info@codexworld.com';

$from_name = 'CodexWorld';

//attachment files path array
```

```

$files = array('screencapture-www-codexworld-com.png','Send_Email_with_pdf_attachment_in_PHP.docx');

$subject = 'PHP Email with multiple attachments by CodexWorld';

$html_content = '<h1>PHP Email with multiple attachments by CodexWorld</h1>

                <p><b>Total Attachments : </b>'.count($files).' attachments</p>';

//call multi_attach_mail() function and pass the required arguments

$send_email = multi_attach_mail($to,$subject,$html_content,$from,$from_name,$files);

//print message after email sent

echo $send_email?"<h1> Mail Sent</h1>":"<h1> Mail not SEND</h1>";

```

## Full Source Code:

```

<?php

function multi_attach_mail($to, $subject, $message, $senderMail, $senderName, $files){

    $from = $senderName." <".$senderMail.">";

    $headers = "From: $from";

```

```

// boundary

$semi_rand = md5(time());

$mime_boundary = "==Multipart_Boundary_x{$semi_rand}x";

// headers for attachment

$headers .= "\nMIME-Version: 1.0\n" . "Content-Type: multipart/mixed;\n" . " boundary=\\\"{$mime_boundary}\\\"";

// multipart boundary

$message = "--{$mime_boundary}\n" . "Content-Type: text/html; charset=\"UTF-8\"\n"
.
"Content-Transfer-Encoding: 7bit\n\n" . $message . "\n\n";

// preparing attachments

if(count($files) > 0){

    for($i=0;$i<count($files);$i++){

        if(is_file($files[$i])){

            $message .= "--{$mime_boundary}\n";

```

```

        $fp = @fopen($files[$i], "rb");

        $data = @fread($fp, filesize($files[$i]));

        @fclose($fp);

        $data = chunk_split(base64_encode($data));

        $message .= "Content-Type: application/octet-stream; name=\"".basename(
$files[$i])."\"\\n" .

        "Content-Description: ".basename($files[$i])."\\n" .

        "Content-Disposition: attachment;\\n" . " filename=\"".basename($files[$
i])."\"; size=".filesize($files[$i])."\";\\n" .

        "Content-Transfer-Encoding: base64\\n\\n" . $data . "\\n\\n";

    }

}

}

$message .= "--{$mime_boundary}--";

$returnpath = "-f" . $senderMail;

```



```
//send email

$mail = @mail($to, $subject, $message, $headers, $returnpath);

//function return true, if email sent, otherwise return false

if($mail){ return TRUE; } else { return FALSE; }

}

//email variables

$to = 'nityamaity87@gmail.com';

$from = 'info@codexworld.com';

$from_name = 'CodexWorld';

//attachment files path array

$files = array('screenshot-www-codexworld-com.png','Send_Email_with_pdf_attachment_in_PHP.docx');

$subject = 'PHP Email with multiple attachments by CodexWorld';
```

```
$html_content = '<h1>PHP Email with multiple attachments by CodexWorld</h1>

                <p><b>Total Attachments : </b>'.count($files).' attachments</p>';

//call multi_attach_mail() function and pass the required arguments

$send_email = multi_attach_mail($to,$subject,$html_content,$from,$from_name,$files);

//print message after email sent

echo $send_email?"<h1> Mail Sent</h1>":"<h1> Mail not SEND</h1>";

?>
```

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