

SMTP Mail - The PHP mail() Function for IBM i / iSeries

Applies To:

[Zend Core V2.x]
[IBM System i]

Preface

The PHP mail() function is used to send emails from inside a script.

The following mail extension is provided with the zend core for i5/OS products and should already be loaded with the core installation. zmail - Zend SMTP module

Details

The PHP mail() Function

The PHP mail() function is used to send emails from inside a script, PHP Simple E-Mail Syntax:

bool mail (string \$to , string \$subject , string \$message [, string \$additional_headers [, string \$additional_parameters]])

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

PHP Simple E-Mail

1. Altering the mail() options Dynamically with ini_set():
 - PHP's ini_set() function temporarily sets a given configuration option for the duration of the program that invoked it.
 - ini_set() takes two parameters
 - Varname - Variable/option to change
 - Newvalue - Value to change to
 - The following lines of code show how to set the SMTP server and "from" address within a PHP function.

Example:

```

<HTML>
<body>
MAIL SETTING for Iseries<br>
Define a real name of your mail Server<br>
<center>
SMTP = mail.zend.com </center>
<br>
Define a real name of your mail Server<br>
<center>
smtp_port = 25</center>
<br>
Define an any address you want<br>
<center>
sendmail_from = shlomo@zend.com</center><br>
</body>

<?php
// Using the ini_set()
ini_set("SMTP", "mail.zend.com");
ini_set("sendmail_from", "shlomo@zend.com");
//ini_set("smtp_port", "25");

// The message
$message = "The mail message was sent with the following mail setting:\nSMTP = mail.zend.com\nsmtp_port = 25\nsendmail_from = YourMail@address.com";

// Send
$headers = "From: shlomo@zend.com";

mail('shlomo@zend.com', 'My Subject', $message, $headers);

echo "Check your email now....<BR>";
?>
</HTML>

```

2. Setting the mail() options Static php.ini parameters:

```

[mail function]
SMTP = mail.zend.com
smtp_port = 25
sendmail_from = shlomo@zend.co

```

Example:

```

<HTML>
<body>
MAIL SETTING for Iseries<br>
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<center>
smtp_port = 25</center>
<br>
Define an any address you want<br>
<center>
sendmail_from = shlomo@zend.com</center><br>
</body>

<?php
// Using the php.ini static entries

// The message
$message = "The mail message was sent with the following mail setting:\nSMTP = mail.zend.com\nsmtp_port = 25\nsendmail_from = YourMail@address.com";
// Send
$headers = "From: shlomo@zend.com";
mail('shlomo@zend.com', 'My Subject', $message, $headers);

```

```
echo "Check your email now....<BR>";  
?>  
</HTML>
```

Troubleshooting

- Changes to PHP.INI will take effect after the Apache server is restarted
- To view mail() unexpected behaviour, see PHP's error log: /usr/local/Zend/Core/logs/php_error_log

The error log may be viewed with a text editor or this command: `EDTF '/usr/local/Zend/Core/logs/php_error_log'`

Note

Make sure the mail() extension is loaded use the GUI to load and enable the extension, then restart the apache from the i5 use the green screen menu: GO ZENDCORE/ZCMENU

Excerpt: The PHP mail() function is used to send emails from inside a script.

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External Links: [php manual](#)

[PHP: Zend for i5/OS](#)