Setup Apache, PHP and MySQL

In order to configure your Slackware Linux box as a MySQL-PHP -ready web server, please follow these instructions:

- Install the Apache (httpd), php and MySQL packages from the Slackware discs or Slackpkg.
- Fix php time zone (many apps will complain about this if you don't do it). Edit '`/etc/httpd/php.ini`' and find the following line and uncomment it:

```
date.timezone = America/Chicago <--change to correct time zone
```

- As the root user, open the '`/etc/httpd/httpd.conf`' Apache configuration file with your preferred text editor. Then, find the following line and uncomment it (delete the '#' character at the start of the line):

```
Include /etc/httpd/mod_php.conf
```

  Now your Apache will include the PHP module when it starts.

- Set a server name (if your machine's IP doesn't resolve to a name). Edit the '`/etc/httpd/httpd.conf`' and uncomment the following line:

```
ServerName www.example.com:80 <--change www.example.com to an IP or
your machine's name
```

- Optionally (but recommended), you can configure Apache to use an '`index.php`' file as your directory index. You just have to search the following line...:
- Optionally 2, if you use Perl for web scripts, you may want to add '`index.pl`' also.

```
  <IfModule dir_module> DirectoryIndex index.html </IfModule>
```

  ... and change it to:

```
  <IfModule dir_module> DirectoryIndex index.html index.php </IfModule>
```

  Please note the '`index.php`' part added. You can now save and close your '`/etc/httpd/httpd.conf`' file and restart your Apache server in order to have your modifications applied. As root, execute:

```
apachectl restart
```

- If you want your Apache server to start automatically when you start your box, you can change the permissions of the '`/etc/rc.d/rc.httpd`' file. Execute the following command as root:

```
  * chmod 755 /etc/rc.d/rc.httpd
```

  Now your Apache server will start automatically when your system boots.

In order to configure your MySQL installation, please see the Install MySQL On Slackware doc.

Final Considerations

- Normally you would want to test your recent changes in order to know if they have worked. After restarting Apache, create a '`test.php`' file on your '`/var/www/htdocs/`' directory with the following:

```
<?php phpinfo(); ?>
```

Now you can open your favorite web browser to the following URL: http://localhost/test.php . If you your PHP installation's settings are displayed, then you have configured your Apache correctly, otherwise, please re-check this documentation (getting sure you have followed every step correctly), or contact us at ##slackware on FreeNode.

Sources

- Original source: http://slackware-es.com/tutoriales/administracion/configurar-apache-php-y-mysql-en-slackware-linux

- Originally written by User Pavel E.

howtos, apache, php, author pavel

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