

How to get rid of "PHP Warning: PHP Startup: Unable to load dynamic library '/usr/lib/php5/20090626/suhosin.so'" on Debian GNU / Linux

Author : admin



After a recent new *Debian Squeeze Apache+PHP* server install and moving a website from another server host running on *CentOS 5.7* Linux server, some of the PHP scripts running via *crontab* started displaying the following annoying **PHP Warnings** :

```
debian:~# php /home/website/www/cron/update.php
```

```
PHP Warning: PHP Startup: Unable to load dynamic library '/usr/lib/php5/20090626/suhosin.so' -  
/usr/lib/php5/20090626/suhosin.so: cannot open shared object file: No such file or directory in Unknown  
on line 0
```

Obviously the error revealed that PHP cli is not happy that, I've previously removes the suhosin **php5-suhosin** module from the system.

I wouldn't have removed *php5-suhosin* if sometimes it doesn't produced some odd experiences with the Apache webserver.

To fix the PHP Warning, I used first *grep* to see, where exactly the suhosin module gets included in debian's *php.ini* config files. `debian:~# cd /etc/php5`

```
debian:/etc/php5# grep -rli suhosin *
```

```
apache2/conf.d/suhosin.ini
```

```
cgi/conf.d/suhosin.ini
```

```
cli/conf.d/suhosin.ini
```

```
conf.d/suhosin.ini
```

Yeah that's right Debian has three *php.ini* php config files. One for the *php cli* - */usr/bin/php*, another for the *Apache webserver loaded php library* - */usr/lib/apache2/modules/libphp5.so* and one for

Apache's cgi module - `/usr/lib/apache2/modules/mod_fcgid.so` .

I was too lazy to edit all the above found declarations trying to include the suhosin module in PHP, hence I remembered that probably all this obsolete *suhosin* module declaration are still present because probably the *php5-suhosin* package is still not purged from the system.

A quick check with *dpkg* , further strenthened my assumption as the *php5-suhosin* module was still hanging around as an (*rc - remove candidate*);

```
debian:~# dpkg -l |grep -i suhosin
rc php5-suhosin 0.9.32.1-1 advanced protection module for php5
```

Hence to remove the obsolete package config and directories completely out of the system and hence solve the PHP Warning I used *dpkg --purge*, like so:

```
debian:~# dpkg --purge php5-suhosin
(Reading database ... 76048 files and directories currently installed.)
Removing php5-suhosin ...
Purging configuration files for php5-suhosin ...
Processing triggers for libapache2-mod-php5 ...
Reloading web server config: apache2.
```

Further on to make sure the PHP Warning is solved I did the cron php script another go and it produced no longer errors:

```
debian:~# php /home/website/www/cron/update.php
debian:~#
```