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FreeBSD: Upgrade PHP4 To PHP5

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How do I update PHP4 to PHP5 under FreeBSD operating systems?

You can easily specify a port to upgrade using the `-o` option for both `portupgrade` and `portmaster` command. To replace the installed port with a port from a different origin use the syntax as follows:



FreeBSD update php syntax

```
portupgrade -o {new/port} {old-port}
portmaster -o {new port dir in /usr/ports} {installed port}
```



WARNING! Backup your data and php / apache configuration before attempting the following commands.

Find out PHP4 version

First, find out php4 version (this is important as you need provide exact version number):

```
# pkg_info | grep php4
```

Sample output:

```
php4-4.4.9          PHP Scripting Language (Apache Module and CLI)
```

How To Upgrade PHP4 To PHP5

To replace / upgrade php4 with php5 using **portmaster command**, enter:

```
# portmaster -o /usr/ports/lang/php5 php4-4.4.9 to upgrade php5
```

To replace / upgrade php4 with php5 using **portupgrade command**, enter:

```
# portupgrade -o lang/php5 php4
```

Sample output:

```
** Detected a package name change: php4 (lang/php4) -> 'php5' (lang/php5)
---> Upgrading 'php4-4.4.9' to 'php5-5.2.9' (lang/php5)
---> Building '/usr/ports/lang/php5'
====> Cleaning for php5-5.2.9
====> Found saved configuration for php5-5.2.8
====> Extracting for php5-5.2.9
=> MD5 Checksum OK for php-5.2.9.tar.bz2.
=> SHA256 Checksum OK for php-5.2.9.tar.bz2.
=> MD5 Checksum OK for suhosin-patch-5.2.9-0.9.7.patch.gz.
=> SHA256 Checksum OK for suhosin-patch-5.2.9-0.9.7.patch.gz.
.....
.....
...====> SECURITY REPORT:
        This port has installed the following files which may act as network
        servers and may therefore pose a remote security risk to the system.
/usr/local/bin/php
/usr/local/bin/php-cgi
```

If there are vulnerabilities in these programs there may be a security risk to the system. FreeBSD makes no guarantee about the security of ports included in the Ports Collection. Please type 'make deinstall' to deinstall the port if this is a concern.

For more information, and contact details about the security status of this software, see the following webpage:

<http://www.php.net/>

```
==> Cleaning for php5-5.2.9
--> Cleaning out obsolete shared libraries
[Updating the pkgdb
  in /var/db/pkg ... - 249 packages found (-0 +1) . done]
```

Once done, you need to upgrade and set new php configuration files which is located at /usr/local/etc/php.ini and /usr/local/etc/php/.

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