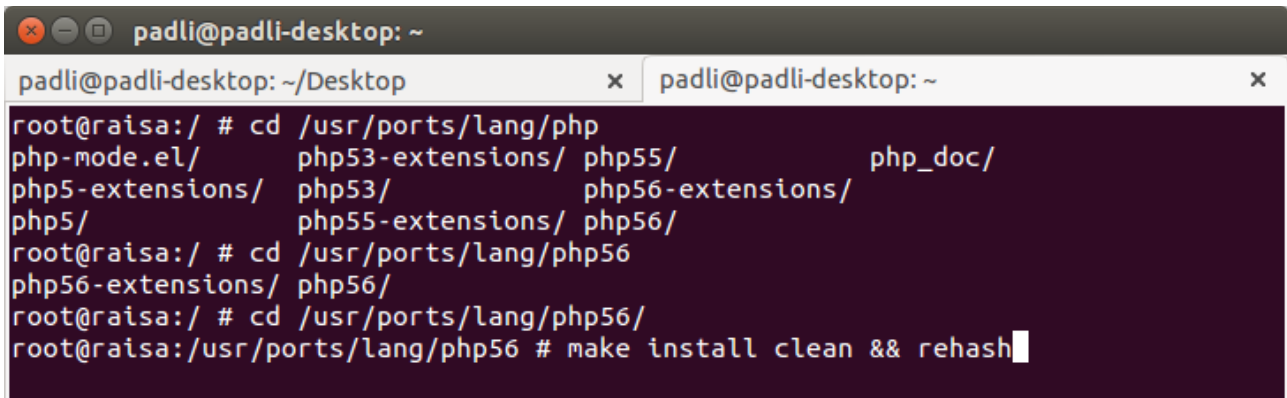


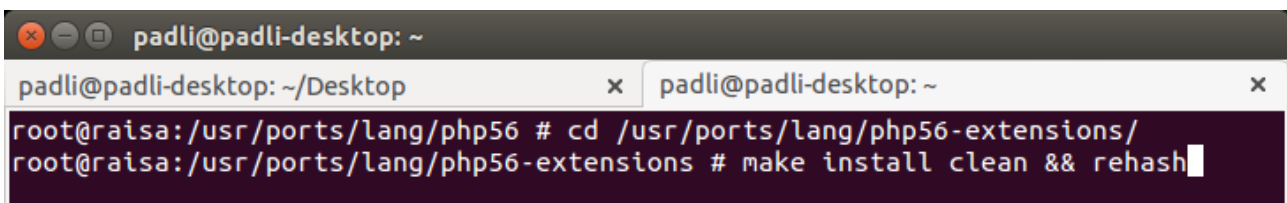
## INSTALL PHP

1. "cd /usr/ports/lang/php56" & "make install clean && rehash" config sesuaikan dengan kebutuhan.



```
padli@padli-desktop: ~  
padli@padli-desktop: ~/Desktop x padli@padli-desktop: ~ x  
root@raisa:/ # cd /usr/ports/lang/php  
php-mode.el/      php53-extensions/  php55/      php_doc/  
php5-extensions/  php53/      php56-extensions/  
php5/            php55-extensions/  php56/  
root@raisa:/ # cd /usr/ports/lang/php56  
php56-extensions/  php56/  
root@raisa:/ # cd /usr/ports/lang/php56/  
root@raisa:/usr/ports/lang/php56 # make install clean && rehash
```

2. "cd /usr/ports/lang/php56-extensions" & "make install clean && rehash" config sesuaikan dengan kebutuhan.



```
padli@padli-desktop: ~  
padli@padli-desktop: ~/Desktop x padli@padli-desktop: ~ x  
root@raisa:/usr/ports/lang/php56 # cd /usr/ports/lang/php56-extensions/  
root@raisa:/usr/ports/lang/php56-extensions # make install clean && rehash
```

3. edit "vi /etc/rc.conf" tambahkan "php\_fpm\_enable="YES""

```
padli@padli-desktop: ~  
padli@padli-desktop: ~/Desktop x padli@padli-desktop: ~ x  
hostname="raisa"  
  
ifconfig_re0="inet 192.168.100.10 netmask 255.255.255.0"  
defaultrouter="192.168.100.1"  
  
ifconfig_dc0="inet 192.168.0.1 netmask 255.255.255.0"  
  
sshd_enable="YES"  
nginx_enable="YES"  
php_fpm_enable="YES"  
  
# Set dumpdev to "AUTO" to enable crash dumps, "NO" to disable  
dumpdev="AUTO"
```

4. edit "vi /usr/local/etc/php-fpm.conf" uncomment tiga baris ini

```
; Set permissions for unix socket, if one is used. In Linux, read/write  
; permissions must be set in order to allow connections from a web server. Many  
; BSD-derived systems allow connections regardless of permissions.  
; Default Values: user and group are set as the running user  
;                   mode is set to 0660  
listen.owner = www  
listen.group = www  
listen.mode = 0666
```

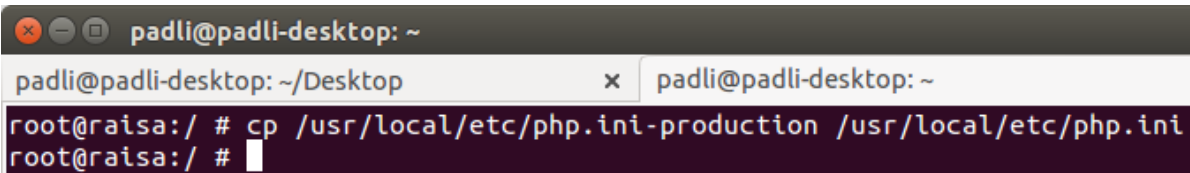
dan ganti baris ini

```
padli@padli-desktop: ~  
padli@padli-desktop: ~/Desktop x padli@padli-desktop: ~ x  
; '[:]:port' - to listen on a TCP socket to all addresses  
;               (IPv6 and IPv4-mapped) on a specific port;  
; '/path/to/unix/socket' - to listen on a unix socket.  
; Note: This value is mandatory.  
#listen = 127.0.0.1:9000  
listen = /var/run/php-fpm.sock
```

error log path && buat dir dan filenya di "/var/log/php"

```
; Error log file
; If it's set to "syslog", log is sent to syslogd instead of being written
; in a local file.
; Note: the default prefix is /var
; Default Value: log/php-fpm.log
error_log = /var/log/php/php-fpm.log
```

5. copy "cp /usr/local/etc/php.ini-production /usr/local/etc/php.ini"



```
padli@padli-desktop: ~
padli@padli-desktop: ~/Desktop
root@raisa:/ # cp /usr/local/etc/php.ini-production /usr/local/etc/php.ini
root@raisa:/ #
```

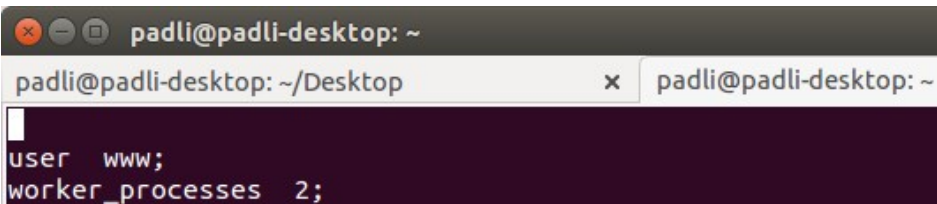
6. edit "vi /usr/local/etc/php.ini" ubah baris ini "cgi.fix\_pathinfo=0" && set

"display\_errors=on"

```
; to use SCRIPT_FILENAME rather than PATH_TRANSLATED.
; http://php.net/cgi.fix-pathinfo
cgi.fix_pathinfo=0
```

```
; Default Value: On
; Development Value: On
; Production Value: Off
; http://php.net/display-errors
display_errors = On
```

7. edit "vi /usr/local/etc/nginx/nginx.conf" tambahkan baris ini



```
padli@padli-desktop: ~
padli@padli-desktop: ~/Desktop
user www;
worker_processes 2;
```

```
padli@padli-desktop: ~
padli@padli-desktop: ~/Desktop x padli@padli-desktop: ~ x

server {
    listen      80;
    server_name localhost;

    #charset koi8-r;

    #location / {
        root    /usr/local/www/nginx;
        index   index.php index.html index.htm;
    #}

    #error_page 404              /404.html;
    location / {
        try_files $uri $uri/ = 404;
    }
}
```

```
# pass the PHP scripts to FastCGI server listening on 127.0.0.1:9000
#
location ~ /\.php$ {
    try_files      $uri =404;
    fastcgi_split_path_info ^(.+\.php)(/.+)$;
    fastcgi_pass   unix:/var/run/php-fpm.sock;
    fastcgi_index  index.php;
    fastcgi_param  SCRIPT_FILENAME $request_filename;
    include        fastcgi_params;
}
}
```

8. restart nginx "/usr/local/etc/rc.d/nginx restart"

```
padli@padli-desktop: ~
padli@padli-desktop: ~/Desktop x padli@padli-desktop: ~ x

root@raisa:/ # /usr/local/etc/rc.d/nginx restart
Performing sanity check on nginx configuration:
nginx: the configuration file /usr/local/etc/nginx/nginx.conf syntax is ok
nginx: configuration file /usr/local/etc/nginx/nginx.conf test is successful
Stopping nginx.
Waiting for PIDS: 97183.
Performing sanity check on nginx configuration:
nginx: the configuration file /usr/local/etc/nginx/nginx.conf syntax is ok
nginx: configuration file /usr/local/etc/nginx/nginx.conf test is successful
Starting nginx.
root@raisa:/ #
```

8. start service php `"/usr/local/etc/rc.d/php-fpm start"`

```
padli@padli-desktop: ~
padli@padli-desktop: ~/Desktop x padli@padli-desktop: ~ x
root@raisa:/ # /usr/local/etc/rc.d/php-fpm start
Starting php_fpm.
root@raisa:/ #
```

9. buat file `"vi /usr/local/www/nginx/info.php"`

```
padli@padli-desktop: ~
padli@padli-desktop: ~/Desktop x padli@padli-desktop: ~ x
<?php phpinfo(); ?>
```

10. tes php

phpinfo() - Mozilla Firefox

192.168.100.10/info.php

PHP Version 5.6.7

System	FreeBSD raisa 10.1-RELEASE FreeBSD 10.1-RELEASE #0 r274401: Tue Nov 11 22:51:51 UTC 2014 root@releng1.ny1.freebsd.org:/usr/obj/usr/src/sys/GENERIC i386
Build Date	Apr 24 2015 10:00:33
Configure Command	'./configure' '--with-layout=GNU' '--localstatedir=/var' '--with-config-file-scan-dir=/usr/local/etc/php' '--disable-all' '--enable-libxml' '--enable-mysqlnd' '--with-libxml-dir=/usr/local' '--with-pcre-regex=/usr/local' '--with-zlib-dir=/usr' '--program-prefix=' '--enable-fpm' '--with-fpm-user=www' '--with-fpm-group=www' '--with-regex=php' '--with-zend-vm=CALL' '--prefix=/usr/local' '--mandir=/usr/local/man' '--infodir=/usr/local/info' '--build=i386-portbld-freebsd10.1' 'build_alias=i386-portbld-freebsd10.1' 'CC=cc' 'CFLAGS=-O2' '-pipe' '-fstack-protector' '-fno-strict-aliasing' 'LD_FLAGS=-fstack-protector' 'LIBS=-lpthread' 'CPPFLAGS=' 'CXX=c++' 'CXXFLAGS=-O2' '-pipe' '-fstack-protector' '-fno-strict-aliasing'
Server API	FPM/FastCGI
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/usr/local/etc
Loaded Configuration File	/usr/local/etc/php.ini
Scan this dir for additional .ini files	/usr/local/etc/php
Additional .ini files parsed	/usr/local/etc/php/extensions.ini
PHP API	20131106
PHP Extension	20131226
Zend Extension	220131226
Zend Extension Build	API220131226.NTS
PHP Extension Build	API20131226.NTS
Debug Build	no
Thread Safety	disabled
Zend Signal Handling	disabled
Zend Memory Manager	enabled
Zend Multithread Support	disabled

## 11. cek pid php-fpm dan error log php-fpm

```
padli@padli-desktop: ~  
padli@padli-desktop: ~/Desktop x padli@padli-desktop: ~ x  
root@raisa:/ # more /var/run/php-fpm.  
php-fpm.pid  php-fpm.sock=  
root@raisa:/ # more /var/run/php-fpm.pid  
613  
root@raisa:/ # ls /var/run/  
cron.pid          log                sendmail.pid  
devd.pid          logpriv           sshd.pid  
devd.pipe         moused.ums0.pid  syslog.pid  
devd.segpacket.pipe  nginx.pid        syslogd.sockets  
dmesg.boot        php-fpm.pid       utx.active  
ld-elf.so.hints    php-fpm.sock     wpa_supplicant  
ld.so.hints        ppp  
root@raisa:/ #
```

```
padli@padli-desktop: ~  
padli@padli-desktop: ~/Desktop x padli@padli-desktop: ~ x  
root@raisa:/ # more /var/log/php/php-fpm.log  
[24-Apr-2015 10:34:47] NOTICE: fpm is running, pid 35213  
[24-Apr-2015 10:34:47] NOTICE: ready to handle connections  
[24-Apr-2015 10:39:27] NOTICE: Finishing ...  
[24-Apr-2015 10:39:27] NOTICE: exiting, bye-bye!  
[24-Apr-2015 10:39:27] NOTICE: fpm is running, pid 35495  
[24-Apr-2015 10:39:27] NOTICE: ready to handle connections  
[24-Apr-2015 10:40:07] NOTICE: Finishing ...  
[24-Apr-2015 10:40:07] NOTICE: exiting, bye-bye!  
[24-Apr-2015 10:40:07] NOTICE: fpm is running, pid 35515  
[24-Apr-2015 10:40:07] NOTICE: ready to handle connections  
[24-Apr-2015 10:54:32] NOTICE: Terminating ...  
[24-Apr-2015 10:54:32] NOTICE: exiting, bye-bye!  
[24-Apr-2015 10:55:19] NOTICE: fpm is running, pid 613  
[24-Apr-2015 10:55:19] NOTICE: ready to handle connections  
root@raisa:/ #
```

Dok 24/04/2015 : padliyulian@ymail.com