

# Joomla, Nginx, FastCGI

Взято здесь: <http://docs.joomla.org/Nginx>

## Install nginx

For Ubuntu, run **aptitude install nginx**. For other distros, run the corresponding package manager, or see <http://wiki.nginx.org/Install>.

## Install PHP FastCGI

For Ubuntu, read this excellent page on how to configure PHP and FastCGI for nginx.

For Gentoo, PHP will run as a FastCGI service (fpm), so the nginx server will run PHP as a different process:

```
# echo "dev-lang/php gd gd2 curl simplexml tokenizer dom tidy sqlite xml fpm
cgi" >> /etc/portage/package.use
# emerge php
```

The default settings of php-fpm are good for most servers. For special configuration visit the PHP FPM site.

## Configure Nginx

nginx configuration files reside in:

- /usr/local/nginx/conf/ on Ubuntu
- /etc/nginx/nginx.conf on Gentoo

Here is an sample nginx configuration file.

```
server {
    listen 80;
    server_name YOUR_DOMAIN;
    server_name_in_redirect off;

    access_log /var/log/nginx/localhost.access_log main;
    error_log /var/log/nginx/localhost.error_log info;

    root PATH_ON_SERVER;
    index index.php;
    # Support Clean (aka Search Engine Friendly) URLs
    location / {
```

```

        try_files $uri $uri/ /index.php?q=$uri$args;
    }

    index index.php index.html index.htm default.html default.htm;
    # deny running scripts inside writable directories
    location ~*
/(images|cache|media|logs|tmp)/.*\.(php|pl|py|jsp|asp|sh|cgi)$ {
        return 403;
        error_page 403 /403_error.html;
}

location ~ \.php$ {
    include /etc/nginx/fastcgi.conf;
    fastcgi_pass 127.0.0.1:9000;
    fastcgi_index index.php;
    include fastcgi_params;
    fastcgi_param SCRIPT_FILENAME
$document_root$fastcgi_script_name;
}

# caching of files
location ~* \.(ico|pdf|flv)$ {
    expires 1y;
}

location ~* \.(js|css|png|jpg|jpeg|gif|swf|xml|txt)$ {
    expires 14d;
}

}

```

Pay attention for few things:

The parameter **fastcgi\_pass** is set to 127.0.0.1:9000, corresponding to the port that fpm is configured to listen to. This means you can run the PHP processes on separate servers. On Gentoo, you can find this configuration in /etc/php/fpm-php5.3/php-fpm.conf/

Don't forget to replace YOUR\_DOMAIN & PATH\_ON\_SERVER depend on your domain and the path of Joomla on your server.

## GZip support

If you need GZip compression support, add the following section to the http section of the main nginx configuration file:

```

gzip on;
gzip_http_version 1.1;
gzip_comp_level 6;
gzip_min_length 1100;

```

```
    gzip_buffers 4 8k;
    gzip_types text/plain application/xhtml+xml text/css application/xml
application/xml+rss text/javascript application/javascript application/x-
javascr$  
    gzip_proxied      any;  
    gzip_disable      "MSIE [1-6]\.";
```

[joomla](#), [nginx](#), [fastcgi](#)

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