

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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