

## TYPO3.Flow - Task #8923

Task # 27561 (Accepted): Complete documentation

### Provide a Nginx Server Configuration for FLOW3

2010-07-18 12:40 - Thomas Fritz

<b>Status:</b>	Under Review	<b>Start date:</b>	2010-07-18
<b>Priority:</b>	Could have	<b>Due date:</b>	
<b>Assignee:</b>	Christian Müller	<b>% Done:</b>	0%
<b>Category:</b>	- Documentation -	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.1.1	<b>Has patch:</b>	No
<b>Sprint:</b>		<b>Complexity:</b>	
<b>PHP Version:</b>			

#### Description

Provide or let the FLOW3 CLI generate a Nginx (or Apache) server configuration file or document it how one can use FLOW3 with nginx.

This is the main FLOW3 server configuration. On my blog i have posted the other configuration files needed:

<http://fritzthomas.com/php/600-how-to-use-flow3-with-nginx-working-server-configuration/>

The only part i could not test are the "\_Resources/Persistent" Urls. But they should work.

```
server {
    listen      80;
    server_name flow3.local *.flow3.local;
    root        /var/www/test/flow3/Web;
    autoindex   off;

    access_log  /var/www/test/logs/access.log combined;
    error_log   /var/www/test/logs/error.log info;

    location ~ "^/_Resources/Persistent/" {
        rewrite "^(_Resources/Persistent/.{40})/+(\..+)" /$1$2 break;
    }

    location ~ "^/_Resources/" {
        access_log off;
        log_not_found off;
        expires max;
        break;
    }

    location / {
        rewrite ".*" /index.php last;
    }

    location = /index.php {
        #fastcgi_param    FLOW3_CONTEXT    Development;
        fastcgi_param    FLOW3_CONTEXT    Production;
        fastcgi_param    FLOW3_REWRITEURLS 1;
        fastcgi_intercept_errors on;
        fastcgi_split_path_info ^(\.\.php) (\.+)\$;
        include includes/fastcgi_params;

        # "Upstream" defined in nginx.conf
        fastcgi_pass     php-5.3.2;
    }
}
```

#### Related issues:

Related to TYPO3.Flow - Feature #8981: Security/Performance: Provide Webserve...	<b>New</b>	<b>2010-07-21</b>
Related to TYPO3.Flow - Task #27573: Update installation documentation	<b>Resolved</b>	<b>2011-06-20</b>

---

## History

---

### #1 - 2010-07-21 16:23 - Thomas Fritz

It should read above: "The only part i could not test are the "\_Resources/Persistent" Urls. But they should work." :)

### #2 - 2010-08-18 15:09 - Karsten Dambekalns

- Category set to - Documentation -

### #3 - 2011-01-26 09:45 - Oliver Wand

Since I switched to Nginx on my Mac I wanted to adapt nginx.conf for FLOW3 (1.0.0-alpha14) to my needs.

The above blog post didn't work for my configuration based on Nginx 0.8.54 (Macport installation) with PHP 5.3.5 on Mac OS 10.6.6.

What finally got me up and running - in addition to the above posting - was this forum entry: <http://forum.nginx.org/read.php?2,866,30886>

So here's the flow3.conf I included to my nginx.conf:

```
server {
    listen            80;
    server_name      flow3.local *.flow3.local;
    root             /usr/local/html/FLOW3/Web;
    autoindex        off;

    access_log       /usr/local/var/log/nginx/access.log combined;
    error_log        /usr/local/var/log/nginx/error.log info;

    location ~ "^/_Resources/Persistent/" {
        rewrite "^(_Resources/Persistent/.{40})/..+(\..+)" /$1$2 break;
    }

    location ~ "^/_Resources/" {
        access_log off;
        log_not_found off;
        expires max;
        break;
    }

    location / {
        rewrite ".*" /index.php last;
    }

    location ~ ^(.+\.\php)(.*)$ {
        fastcgi_pass 127.0.0.1:9000;
        fastcgi_index index.php;
        fastcgi_param FLOW3_CONTEXT Development;
        fastcgi_param FLOW3_REWRITEURLS 0;
        fastcgi_intercept_errors on;
        fastcgi_split_path_info ^(.+\.\php)(.*)$;
        fastcgi_param SCRIPT_FILENAME /usr/local/html/FLOW3/Web$fastcgi_script_name;
        fastcgi_param PATH_INFO $fastcgi_path_info;
        include /usr/local/etc/nginx/fastcgi_params;
    }
}
```

### #4 - 2011-06-20 11:02 - Karsten Dambekalns

- Parent task set to #27561

### #5 - 2011-06-21 16:29 - Karsten Dambekalns

- Status changed from New to Accepted

- Assignee set to Karsten Dambekalns

- Target version set to 1230

### #6 - 2011-08-24 07:44 - Karsten Dambekalns

- Subject changed from Provide a Nginx Server Configuration for flow3 to Provide a Nginx Server Configuration for FLOW3

### #7 - 2011-08-24 08:04 - Karsten Dambekalns

- Tracker changed from Feature to Task

## #8 - 2011-10-20 01:43 - Karsten Dambekalns

- Target version deleted (1230)

## #9 - 2012-02-29 16:56 - Martin Brüggemann

- Has patch set to No

I had to modify the resource url regexp like this to get it working:

```
location ~ "^/_Resources/Persistent/" {  
    rewrite "({40})/.\+(\.*)" /_Resources/Persistent/$1$2 break;  
}
```

## #10 - 2012-05-24 11:10 - Bastian Waidelich

This is what we use for <http://t3con12-asia.typo3.org/> right now for persistent resources (thanks to Steffen Gebert):

```
location ~ "^/_Resources/Persistent/" {  
    access_log off;  
    log_not_found off;  
    expires max;  
  
    rewrite "({40})/.\+(\.*)" /_Resources/Persistent/$1.$2 break;  
    rewrite "([a-z0-9]+/(.+)?[a-f0-9]{40})/.\+(\.*)" /_Resources/Persistent/$1.$2 break;  
}
```

## #11 - 2012-07-04 10:43 - Karsten Dambekalns

- Assignee changed from Karsten Dambekalns to Christian Müller

## #12 - 2012-07-04 10:43 - Karsten Dambekalns

- Target version set to 1.1

## #13 - 2012-08-17 11:19 - Karsten Dambekalns

- Target version changed from 1.1 to 1.1.1

## #14 - 2012-08-27 18:04 - Christian Müller

Just as addition, I will compile all the info here into something final for docs. This is the rewrite config used in the conference websites:

```
location ~ "^/_Resources/Persistent/" {  
    access_log off;  
    log_not_found off;  
    expires max;  
  
    rewrite "({40})/.\+(\.*)" /_Resources/Persistent/$1.$2 break;  
    rewrite "([a-z0-9]+/(.+)?[a-f0-9]{40})/.\+(\.*)" /_Resources/Persistent/$1.$2 break;  
}
```

## #15 - 2012-10-10 18:34 - Christian Müller

If you are working with master take care that the settings are now called FLOW\_XXXXX instead of FLOW3\_XXXXX

## #16 - 2012-10-19 17:41 - Rafael Kähm

If you want to run some PHP-Applications like [www.your-domain.dev/roundcubemail/](http://www.your-domain.dev/roundcubemail/), you must stop rewriting by existing files in TYPO3-Flow/Web(also document root).

here is my setup for TYPO3-Flow 1.1.0 and/or TYPO3-Neos Alpha1

```
server {  
    listen          *:80;  
    server_name     www.your-domain.dev ;  
    root            /var/www/TYPO3-Flow/Web;  
  
    index index.html index.htm index.php index.xhtml;
```

```

error_log /var/log/httpd/www.your-domain.dev/error.log;
access_log /var/log/httpd/www.your-domain.dev/access.log combined;

## Disable .htaccess and other hidden files
location ~ /\. {
    deny all;
    access_log off;
    log_not_found off;
}

location = /favicon.ico {
    log_not_found off;
    access_log off;
}

location = /robots.txt {
    allow all;
    log_not_found off;
    access_log off;
}

location /_Resources/ {
    access_log off;
    log_not_found off;
    expires max;
    break;
}

location /_Resources/Persistent/ {
    access_log off;
    log_not_found off;
    expires max;
}

rewrite "({40})/+\.(.+)" /_Resources/Persistent/$1.$2 break;
rewrite "([a-z0-9]+/+(.+)?[a-f0-9]{40})/+\.(.+)" /_Resources/Persistent/$1.$2 break;
}

###
# stop rewriting by existing files | is instead of -> location / { rewrite "*" /index.php last; }
# use this if you want to run other PHP-Applications in TYPO3-Flow/Web directory
###
try_files $uri $uri/ /index.php?$args;

location ~ \.php$ {
    include /etc/nginx/fastcgi_params;
    fastcgi_pass 127.0.0.1:9012;
    fastcgi_index index.php;

    ###
    # for FLOW3 <= 1.1.x only | see note #15 on http://forge.typo3.org/issues/8923
    ###
    fastcgi_param FLOW3_CONTEXT Development;
    # fastcgi_param FLOW3_CONTEXT Production;
    fastcgi_param FLOW3_REWRITEURLS 1;

    ###
    # Make sure that you set the environment vars for new versions \
    # of TYPO3-XXXXX(TYPO3-Neos) products properly
    # see note #15 on http://forge.typo3.org/issues/8923
    ###
    # fastcgi_param FLOW_CONTEXT Development;
    ## fastcgi_param FLOW_CONTEXT Production;
    # fastcgi_param FLOW_REWRITEURLS 1;

    fastcgi_split_path_info ^(\.\.php)(.*)$;
    fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
    fastcgi_param PATH_INFO $fastcgi_path_info;

    fastcgi_buffer_size 128k;
    fastcgi_buffers 256 16k;
    fastcgi_busy_buffers_size 256k;
    fastcgi_temp_file_write_size 256k;
    fastcgi_read_timeout 240; ### set this value for your server
}

```

}

**#17 - 2012-12-14 15:09 - Karsten Dambekalns**

- *Target version changed from 1.1.1 to 2052*

**#18 - 2013-08-14 15:40 - Karsten Dambekalns**

- *Target version changed from 2052 to 1.1.1*

**#19 - 2014-02-25 00:36 - Simon Schaufelberger**

any update here? what's blocking to put that in the repository?

**#20 - 2014-03-12 23:03 - Michiel Roos**

Bump!

**#21 - 2014-05-26 14:44 - Gerrit Code Review**

- *Status changed from Accepted to Under Review*

Patch set 1 for branch **master** of project **Packages/TYPO3.Flow** has been pushed to the review server.  
It is available at <https://review.typo3.org/30398>