

TYPO3.Flow - Task # 8923

Task # 27561 (Accepted): Complete documentation

Status:	Under Review	Priority:	Could have
Author:	Thomas Fritz	Category:	- Documentation -
Created:	2010-07-18	Assigned To:	Christian Müller
Updated:	2014-06-19	Due date:	
Sprint:			
PHP Version:			
Has patch:	No		
Complexity:			
Subject:	Provide a Nginx Server Configuration for FLOW3		
Description	<p>Provide or let the FLOW3 CLI generate a Nginx (or Apache) server configuration file or document it how one can use FLOW3 with nginx.</p> <p>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/</p> <p>The only part i could not test are the "_Resources/Persistent" Urls. But they should work.</p> <pre>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; } }</pre>		

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

Related issues:

related to TYPO3.Flow - Feature # 8981: Security/Performance: Provide Webserv...	New	2010-07-21
related to TYPO3.Flow - Task # 27573: Update installation documentation	Resolved	2011-06-20
related to Core - Task # 54316: Provide a Nginx server configuration	New	2013-12-11

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
 - Assigned To 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

- Assigned To 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/, 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>