


Nginx location configuration (subfolders)

Asked 8 years, 1 month ago Modified 3 years, 9 months ago Viewed 97k times  Part of [PHP](#) Collective

lets say I've a path like:

29

```
/var/www/myside/
```

that path contains two folders... let's say `/static` and `/manage`



I'd like to configure nginx to have an access to:



`/static` folder on `/` (eg. <http://example.org/>) this folder has some .html files.

`/manage` folder on `/manage` (eg. <http://example.org/manage>) in this case this folder contains Slim's PHP framework code - that means the index.php file is in `public` subfolder (eg. `/var/www/myside/manage/public/index.php`)

I've tried a lot of combinations such as

```
server {
    listen 80;
    server_name example.org;
    error_log /usr/local/etc/nginx/logs/myside/error.log;
    access_log /usr/local/etc/nginx/logs/myside/access.log;
    root /var/www/myside;

    location /manage {
        root $uri/manage/public;

        try_files $uri /index.php$is_args$args;
    }

    location / {
        root $uri/static/;

        index index.html;
    }

    location ~ /\.php {
        try_files $uri =404;
        fastcgi_split_path_info ^(.+\.php)(/.+)$;
        include fastcgi_params;
        fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
        fastcgi_param SCRIPT_NAME $fastcgi_script_name;
        fastcgi_index index.php;
        fastcgi_pass 127.0.0.1:9000;
    }
}
```

The `/` works correctly anyway `manage` doesn't. Am I doing something wrong? Does anybody know what should I change?

Matthew.

PHP php http nginx server slim

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edited Nov 15, 2020 at 5:55



shahabphp

379 ● 1 ● 2 ● 10

asked Feb 24, 2017 at 16:21



Nubzor

522 ● 1 ● 6 ● 14

I don't think `root $uri/(directory);` will work, will it? Surely that would come out to some odd, like `root /manage/manage/public`, not what you want. Or am I misinterpreting what `$uri` does?
– Bytewave Feb 24, 2017 at 18:08

@Bytewave well yea, you're absolutely right it won't work. That's one of million combinations that I've already tried :) Let's assume that there isn't `$uri` but `/var/www/mysite/manage/public` and `/var/www/mysite/static` - anyways it doesn't work. – Nubzor Feb 25, 2017 at 17:36

1 Answer

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To access a path like `/var/www/mysite/manage/public` with a URI like `/manage`, you will need to use `alias` rather than `root`. See [this document](#) for details.

40



I am assuming that you need to run PHP from both roots, in which case you will need two `location ~ \.php` blocks, see example below. If you have no PHP within `/var/www/mysite/static`, you can delete the unused `location` block.



For example:



```
server {
    listen 80;
    server_name example.org;
    error_log /usr/local/etc/nginx/logs/mysite/error.log;
    access_log /usr/local/etc/nginx/logs/mysite/access.log;

    root /var/www/mysite/static;
    index index.html;

    location / {
    }
    location ~ \.php$ {
        try_files $uri =404;
        fastcgi_pass 127.0.0.1:9000;

        include fastcgi_params;
        fastcgi_param SCRIPT_FILENAME $request_filename;
        fastcgi_param SCRIPT_NAME $fastcgi_script_name;
    }
}
```

```
}

location ^~ /manage {
    alias /var/www/mysite/manage/public;
    index index.php;

    if (!-e $request_filename) { rewrite ^ /manage/index.php last; }

    location ~ \.php$ {
        if (!-f $request_filename) { return 404; }
        fastcgi_pass 127.0.0.1:9000;

        include fastcgi_params;
        fastcgi_param SCRIPT_FILENAME $request_filename;
        fastcgi_param SCRIPT_NAME $fastcgi_script_name;
    }
}

}
```

The `^~` modifier causes the prefix location to take precedence over regular expression locations at the same level. See [this document](#) for details.

The `alias` and `try_files` directives are not together due to [this long standing bug](#).

Be aware of [this caution](#) in the use of the `if` directive.

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answered Feb 26, 2017 at 10:52



Richard Smith

50k ● 7 ● 95 ● 95

1 You have multiple [Common mistakes and Pitfalls](#) in your example – [vladkras](#) Mar 31, 2017 at 11:07

4 @vladkras such as? – [Richard Smith](#) Mar 31, 2017 at 13:08

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