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a filter module which can do both regular expression and fixed string substitutions for nginx

[106](#) commits[3](#) branches[2](#) releases[4](#) contributorsbranch: **master**[ngx_http_substitutions_filter_module / +](#)Merge pull request [#16](#) from cuber/master ...**yaoweibin** authored on Jan 5latest commit [131c030cbb](#)

doc	Fullfill the tests and docs.	a month ago
test	Fullfill the tests and docs.	a month ago
util	move the docs	3 years ago
.gitignore	Fullfill the tests and docs.	a month ago
CHANGES	updated the docs	a year ago
README	Fullfill the tests and docs.	a month ago
config	remove the buffer chain files	3 years ago
ngx_http_subs_filter_module.c	Add variable and insensitive support for none regex mode.	a month ago

[README](#)

```
nginx_substitutions_filter
  *Note: this module is not distributed with the Nginx source.
  Installation instructions can be found below.*
```

Description

[Code](#)[Issues](#) 4[Pull Requests](#) 0[Wiki](#)[Pulse](#)[Graphs](#)

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https://github.com/yaoweibin/nginx_http_substitutions_filter_moduleYou can clone with [HTTPS](#), [SSH](#), or [Subversion](#).[Clone in Desktop](#)[Download ZIP](#)

nginx_substitutions_filter is a filter module which can do both regular expression and fixed string substitutions on response bodies. This module is quite different from the Nginx's native Substitution Module. It scans the output chains buffer and matches string line by line, just like Apache's mod_substitute (http://httpd.apache.org/docs/trunk/mod/mod_substitute.html).

Example

```
location / {  
  
    subs_filter_types text/html text/css text/xml;  
    subs_filter st(\d*).example.com $1.example.com ir;  
    subs_filter a.example.com s.example.com;  
    subs_filter http://$host https://$host;  
}
```

Directives

- * subs_filter_types
- * subs_filter

subs_filter_types

syntax: *subs_filter_types mime-type [mime-types] *

default: *subs_filter_types text/html*

context: *http, server, location*

subs_filter_types is used to specify which content types should be checked for *subs_filter*, in addition to *text/html*. The default is only *text/html*.

This module just works with plain text. If the response is compressed, it can't uncompress the response and will ignore this response. This module can be compatible with gzip filter module. But it will not work with proxy compressed response. You can disable the compressed response like this:

```
proxy_set_header Accept-Encoding "";
```

subs_filter

syntax: *subs_filter source_str destination_str [gior] *

```
default: *none*
```

```
context: *http, server, location*
```

`*subs_filter*` allows replacing source string(regular expression or fixed) in the nginx response with destination string. The variables in matching text is only available under fixed string mode, which means the matching text could not contain variables if it is a regular expression. Substitution text may contain variables. More than one substitution rules per location is supported.

The meaning of the third flags are:

- * `*g*`(default): Replace all the match strings.
- * `*i*`: Perform a case-insensitive match.
- * `*o*`: Just replace the first one.
- * `*r*`: The pattern is treated as a regular expression, default is fixed string.

```
subs_filter_bypass
```

```
syntax: *subs_filter_bypass $variable1 ...*
```

```
default: *none*
```

```
context: *http, server, location*
```

You can specify several variables with this directive. If at least one of the variable is not empty and is not equal to '0', this substitution filter will be disabled.

Installation

To install, get the source with subversion:

```
git clone  
git://github.com/yaoweibin/nginx_http_substitutions_filter_module.git
```

and then compile nginx with the following option:

```
./configure --add-module=/path/to/module
```

Known issue

- * Can't substitute the response header.

CHANGES

Changes with nginx_substitutions_filter 0.6.4 2014-02-15

- * Now non-200 response will work
- * added the subs_filter_bypass directive

Changes with nginx_substitutions_filter 0.6.2 2012-08-26

- * fixed a bug of buffer overlap
- * fixed a bug with last zero buffer

Changes with nginx_substitutions_filter 0.6.0 2012-06-30

- * refactor this module

Changes with nginx_substitutions_filter 0.5.2 2010-08-11

- * do many optimizing for this module
- * fix a bug of buffer overlap
- * fix a segment fault bug when output chain return NGX_AGAIN.
- * fix a bug about last buffer with no linefeed. This may cause segment fault. Thanks for Josef Fröhle

Changes with nginx_substitutions_filter 0.5 2010-04-15

- * refactor the source structure, create branches of dev
- * fix a bug of small chunk of buffers causing lose content
- * fix the bug of last_buf and the nginx's compatibility above 0.8.25
- * fix a bug with unwanted capture config error in fix string substitution

- * add feature of regex captures

Changes with nginx_substitutions_filter 0.4 2009-12-23

- * fix many bugs

Changes with nginx_substitutions_filter 0.3 2009-02-04

- * Initial public release

Reporting a bug

Questions/patches may be directed to Weibin Yao, yaoweibin@gmail.com.

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