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calio / **form-input-nginx-module**

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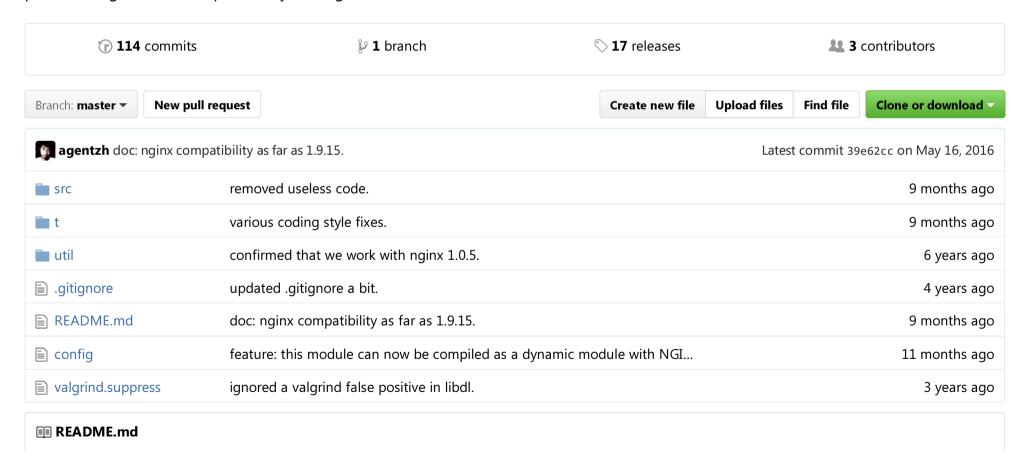‹› Code   ⓘ Issues **0**   Pull requests **0**   Projects **0**   Wiki   Pulse   Graphs

This is a nginx module that reads HTTP POST and PUT request body encoded in "application/x-www-form-urlencoded", and parse the arguments in request body into nginx variables.

🕐 **114** commits   **1** branch   🏷 **17** releases   👥 **3** contributors

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👤 **agentzh** doc: nginx compatibility as far as 1.9.15.   Latest commit `39e62cc` on May 16, 2016

📁 src	removed useless code.	9 months ago
📁 t	various coding style fixes.	9 months ago
📁 util	confirmed that we work with nginx 1.0.5.	6 years ago
📄 .gitignore	updated .gitignore a bit.	4 years ago
📄 README.md	doc: nginx compatibility as far as 1.9.15.	9 months ago
📄 config	feature: this module can now be compiled as a dynamic module with NGI...	11 months ago
📄 valgrind.suppress	ignored a valgrind false positive in libdl.	3 years ago

📖 **README.md**

Name

form-input-nginx-module - NGINX module that reads HTTP POST and PUT request body encoded in "application/x-www-form-urlencoded" and parses the arguments into nginx variables.

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Description

This is a nginx module that reads HTTP POST and PUT request body encoded in "application/x-www-form-urlencoded", and parse the arguments in request body into nginx variables.

This module depends on the ngx_devel_kit (NDK) module.

Installation

Grab the nginx source code from nginx.org, for example, the version 1.9.15 (see nginx compatibility), and then build the source with this module:

```
wget 'http://nginx.org/download/nginx-1.9.15.tar.gz'
tar -xzvf nginx-1.9.15.tar.gz
cd nginx-1.9.15/

./configure --add-module=/path/to/ngx_devel_kit \
    --add-module=/path/to/form-input-nginx-module

make -j2
make install
```

Download the latest version of the release tarball of this module from form-input-nginx-module file list, and the latest tarball for ngx_devel_kit from its file list.

Building as a dynamic module

Starting from NGINX 1.9.11, you can also compile this module as a dynamic module, by using the `--add-dynamic-module=PATH` option instead of `--add-module=PATH` on the `./configure` command line above. And then you can explicitly load the module in your `nginx.conf` via the load_module directive, for example,

```
load_module /path/to/modules/ndk_http_module.so;  # assuming NDK is built as a dynamic module too
load_module /path/to/modules/ngx_http_form_input_module.so;
```

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Usage

```
set_form_input $variable;
set_form_input $variable argument;

set_form_input_multi $variable;
set_form_input_multi $variable argument;
```

example:

```
#nginx.conf

location /foo {
    # ensure client_max_body_size == client_body_buffer_size
    client_max_body_size 100k;
    client_body_buffer_size 100k;

    set_form_input $data;    # read "data" field into $data
    set_form_input $foo foo; # read "foo" field into $foo
}

location /bar {
    # ensure client_max_body_size == client_body_buffer_size
    client_max_body_size 1m;
    client_body_buffer_size 1m;

    set_form_input_multi $data; # read all "data" field into $data
    set_form_input_multi $foo data; # read all "data" field into $foo

    array_join ' ' $data; # now $data is an string
```

```
        array_join ' ' $foo;  # now $foo is an string
    }
```

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Limitations

- ngx_form_input will discard request bodies that are buffered to disk files. When the client_max_body_size setting is larger than client_body_buffer_size, request bodies that are larger than client_body_buffer_size (but no larger than client_max_body_size) will be buffered to disk files. So it's important to ensure these two config settings take the same values to avoid confustion.

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Compatibility

The following versions of Nginx should work with this module:

- 1.9.x (last tested: 1.9.15)
- 1.8.x
- 1.7.x (last tested: 1.7.4)
- 1.6.x
- 1.5.x (last tested: 1.5.12)
- 1.4.x (last tested: 1.4.6)
- 1.1.x (last tested: 1.1.5)
- 1.0.x (last tested: 1.0.8)

- 0.9.x (last tested: 0.9.4)
- 0.8.x >= 0.8.54

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