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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.

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doc: claimed that we work with nginx 1.7.4.

**agentzh** authored on Aug 16, 2014latest commit [494b86845e](#)

<a href="#">src</a>	refactor: saved the C global variable "empty_string" introduced in co...	7 months ago
<a href="#">t</a>	refactor: saved the C global variable "empty_string" introduced in co...	7 months ago
<a href="#">util</a>	confirmed that we work with nginx 1.0.5.	4 years ago
<a href="#">.gitignore</a>	updated .gitignore a bit.	2 years ago
<a href="#">README</a>	doc: claimed that we work with nginx 1.7.4.	6 months ago
<a href="#">config</a>	now we check the ngx_devel_kit dependency at config time and provide ...	4 years ago
<a href="#">valgrind.suppress</a>	ignored a valgrind false positive in libdl.	11 months ago

**README**

## Name

form-input-nginx-module

## Description

This is a nginx module that reads HTTP POST and PUT request body encoded

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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

Get the nginx source code from nginx.net ( <http://nginx.net/> ).

Get the ngx\_devel\_kit source code from ([http://github.com/simpl/ngx\\_devel\\_kit](http://github.com/simpl/ngx_devel_kit))

Unpack the source code and build nginx with this module.

```
$ wget 'http://nginx.org/download/nginx-1.7.4.tar.gz'
```

```
$ tar -xzf nginx-1.7.4.tar.gz
```

```
$ cd nginx-1.7.4/
```

```
$ git-clone http://github.com/simpl/ngx_devel_kit.git
```

```
$ git-clone http://github.com/calio/form-input-nginx-module.git
```

```
$ ./configure --add-module=/somepath/form-input-nginx-module --add-module=/somepath/ngx_devel_kit
```

```
$ make -j2
```

```
$ make install
```

### 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
}
```

### 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 confusion.

### Compatibility

The following versions of Nginx should work with this module:

- \* 1.7.x (last tested: 1.7.4)
- \* 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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#### Changelog

Changes with form-input-module v0.0.2

- \*) support set\_form\_input\_multi
- \*) support PUT method

Changes with form-input-module v0.0.1

- \*) support set\_form\_input

