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# **flask\_slack Documentation**

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**VeryCB**

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## Contents

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<b>1</b>	<b>Quickstart</b>	<b>3</b>
<b>2</b>	<b>Installation</b>	<b>5</b>
<b>3</b>	<b>API Reference</b>	<b>7</b>
3.1	Slack . . . . .	7
3.2	Exceptions . . . . .	8
	<b>Python Module Index</b>	<b>9</b>



**Flask-Slack** is a Flask extension which makes it easy to interact with Slack slash commands.



# CHAPTER 1

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## Quickstart

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You can register your Slack slash command to a method as follows.

```
from flask_slack import Slack

slack = Slack(app)

@slack.command('your_command', token='your_token',
              team_id='your_team_id', methods=['POST'])
def your_method(**kwargs):
    text = kwargs.get('text')
    return slack.response(text)
```

All registered methods are dispatched through `slack.dispatch` method. You can connect it to an endpoint which you wish Slack robots to request with.

```
app.add_url_rule('/', view_func=slack.dispatch)
```





## CHAPTER 2

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### Installation

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You can install Flask-Slack with pip:

```
$ pip install flask-slack
```

Or, with setuptools easy\_install in case you didn't have pip:

```
$ easy_install flask-slack
```



## Slack

**class** flask\_slack.**Slack**(*app=None*)

**command**(*command, token, team\_id=None, methods=['GET'], \*\*kwargs*)

A decorator used to register a command. Example:

```
@slack.command('your_command', token='your_token',
               team_id='your_team_id', methods=['POST'])
def your_method(**kwargs):
    text = kwargs.get('text')
    return slack.response(text)
```

### Parameters

- **command** – the command to register
- **token** – your command token provided by slack
- **team\_id** – optional. your team\_id provided by slack. You can also specify the “TEAM\_ID” in app configuration file for one-team project
- **methods** – optional. HTTP methods which are accepted to execute the command
- **kwargs** – optional. the optional arguments which will be passed to your register method

**dispatch**()

Dispatch http request to registered commands. Example:

```
slack = Slack(app)
app.add_url_rule('/', view_func=slack.dispatch)
```

**init\_app**(*app=None*)

Initialize application configuration

**response** (*text*, *response\_type*='ephemeral', *attachments*=None)

Return a response with json format

**Parameters**

- **text** – the text returned to the client
- **response\_type** – optional. When *in\_channel* is assigned, both the response message and the initial message typed by the user will be shared in the channel. When *ephemeral* is assigned, the response message will be visible only to the user that issued the command.
- **attachments** – optional. A list of additional messages for rich response.

**validate** (*command*, *token*, *team\_id*, *method*)

Validate request queries with registered commands

**Parameters**

- **command** – command parameter from request
- **token** – token parameter from request
- **team\_id** – team\_id parameter from request
- **method** – the request method

## Exceptions

**class** flask\_slack.**SlackError** (*msg*)

Base Slack Exception

**\_\_init\_\_** (*msg*)

Return error message to user

**Parameters** **msg** – the error message to return

### **f**

Flask-Script, [3](#)

flask\_slack, [7](#)



## Symbols

`__init__()` (`flask_slack.SlackError` method), 8

## C

`command()` (`flask_slack.Slack` method), 7

## D

`dispatch()` (`flask_slack.Slack` method), 7

## F

Flask-Script (module), 1

`flask_slack` (module), 7, 8

## I

`init_app()` (`flask_slack.Slack` method), 7

## R

`response()` (`flask_slack.Slack` method), 8

## S

`Slack` (class in `flask_slack`), 7

`SlackError` (class in `flask_slack`), 8

## V

`validate()` (`flask_slack.Slack` method), 8