
sydep Documentation

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Sydep is a tool for easy deployment with rsync.

REQUIREMENTS

- *python 2.7* with *pip*
- *rsync*

INSTALLATION

2.1 Stable

```
pip install sydep
```

2.2 From sources

```
pip install -e git+https://github.com/yetty/sydep.git#egg=sydep
```


USAGE

sydep - tool **for** deployment over rsync

Usage: sydep [-q] (-h|init|pull|push)

-h --help	show this help
-q --quiet	no output

init	create new sydep.cfg
pull	download files from server
push	upload files to remote server

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4.1 Quickstart

4.1.1 Preparation

First check if you have installed `python 2.7`. Current `sydep` doesn't work with `python3` or older `python`s. You must have `pip`, too.

4.1.2 Installation

If you want to install `sydep` for all users, you have to log in as root. Then you run this command:

```
pip install sydep
```

Now you can start with using.

4.1.3 Using

Run `init` in your project root directory.

```
sydep init
```

This command will create file `sydep.cfg` with settings of your deployment. It looks like this:

```
[server]
# remote SSH server
server = login@server

# remote path (optional)
remote = .

# local path (optional)
local = .
```

Edit this file, set your login information and paths. Now you can download and upload your files.

Upload to server

```
sydep push
```

Download from server

```
sydeb pull
```

This command doesn't download all files from remote server! It downloads only these, which are existing in your local folders. If you want to download new file, you ought to create it first `touch my_new_file`.

4.1.4 Set up ignored files

In file `.sydebignore` you can set, which file you want to ignore. You can use wildcards.

Example

```
tmp/*      # ignore all files from tmp directory
*~         # ignore backup files
*.pyc      # ignore all compiled python files
```

4.2 sydep module

`sydep.copy_config()`
Copy sample config file into current directory.

`sydep.load_config()`
Load config from current directory.

`sydep.main(args)`
Init function of script. Called by sydep.

Parameters `args` – dictionary of arguments from command line (got by `docopt`)

`sydep.pull(config, args)`
Update local files from server - overwrite just existing files, don't create new ones.

Parameters

- `config` – instance of `ConfigParser`
- `args` – dictionary of arguments from command line (got by `docopt`)

`sydep.push(config, args)`
Push local files to remote server

Parameters

- `config` – instance of `ConfigParser`
- `args` – dictionary of arguments from command line (got by `docopt`)

`sydep.run_cmd(cmd, config, args)`
Run given command after inserting variables.

Parameters

- `cmd` – input command
- `config` – instance of `ConfigParser`
- `args` – dictionary of arguments from command line (got by `docopt`)

INDICES AND TABLES

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