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# **datacoco-ftp\_tools**

***Release 0.1.3***

**Equinox Fitness**

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# CONTENTS

<b>1</b>	<b>Installation</b>	<b>3</b>
<b>2</b>	<b>Quickstart</b>	<b>5</b>
<b>3</b>	<b>Development</b>	<b>7</b>
3.1	Getting Started . . . . .	7
3.2	Testing . . . . .	7
3.3	Contributing . . . . .	7



datacoco-ftp\_tools provides basic interaction for FTP (File-Transfer-Protocol) Standard Internet protocol for transmitting files between computers on the Internet over TCP/IP connections This module has FTP and SFTP support



## INSTALLATION

datacoco-ftp\_tools requires Python 3.6+

```
python3 -m venv venv
source venv/bin/activate
python -m pip install datacoco_ftp_tools
```





## QUICKSTART

SFTP and write file to remote server using FTP

```
from datacoco_ftp_tools import FTPInteraction

# Sample Code for FTP Interaction

ftp = FTPInteraction('ftp', ftp_site, ftp_user, ftp_password)

ftp.conn()

ftp.curr_dir() # outputs '/web_analytics'

ftp.call_dir('Monitoring') # outputs '/web_analytics/Monitoring'

ftp.write_file('test.txt', 'test')

ftp.quit()
```

SFTP and write file to remote server using SFTP

```
from datacoco_ftp_tools import FTPInteraction

# Sample Code for SFTP Interaction

sftp = FTPInteraction('sftp', sftp_site, sftp_user, sftp_password)

sftp.conn()

sftp.curr_dir() outputs '/web_analytics'

sftp.call_dir('Monitoring') outputs '/web_analytics/Monitoring'

sftp.write_file('test.txt', 'test')

sftp.quit()
```

SFTP and write file to remote server using SFTP

```
from datacoco_ftp_tools import SFTPInteraction

# Sample Code for SFTP Interaction
```

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```
sftp = SFTPInteraction(sftp_site, user, None, key_file='key.ppk')
sftp.conn()

sftp.call_dir('Monitoring') outputs '/web_analytics/Monitoring'

sftp.write_file(schema[table], remote_path=path)

sftp.quit()
```

## DEVELOPMENT

### 3.1 Getting Started

It is recommended to use the steps below to set up a virtual environment for development:

```
python3 -m venv <virtual env name>
source <virtual env name>/bin/activate
pip install -r requirements.txt
```

### 3.2 Testing

```
pip install -r requirements-dev.txt
```

To run the testing suite, simply run the command: `tox` or `python -m unittest discover tests`

### 3.3 Contributing

Contributions to `datacoco_ftp_tools` are welcome!

Please reference guidelines to help with setting up your development environment [here](#).