

Taiga

Installation

- <https://taigaio.github.io/taiga-doc/dist/setup-production.html>

backend

```
sudo apt-get install -y build-essential binutils-doc autoconf flex bison
libjpeg-dev
sudo apt-get install -y libfreetype6-dev zlib1g-dev libzmq3-dev libgdbm-dev
libncurses5-dev
sudo apt-get install -y automake libtool libffi-dev curl git tmux gettext

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libjpeg-dev
sudo apt-get install -y libfreetype6-dev zlib1g-dev libzmq3-dev libgdbm-dev
libncurses5-dev
sudo apt-get install -y automake libtool libffi-dev curl git tmux gettext
libssl-dev

# python
sudo apt-get install -y python3 python3-pip python-dev python3-dev python-
pip virtualenvwrapper
sudo apt-get install -y libxml2-dev libxslt-dev

# postgres
sudo apt-get install -y postgresql-9.5 postgresql-contrib-9.5
sudo apt-get install -y postgresql-doc-9.5 postgresql-server-dev-9.5

# nodejs for events
sudo apt-get install -y nodejs nodejs-legacy npm
sudo npm install -g coffee-script
```

taiga user

```
useradd -m taiga
su - taiga
virtualenv -p python3 lib
echo "source ~/lib/bin/activate" >> .bashrc
```

taiga db

```
sudo -u postgres createuser taiga
sudo -u postgres createdb taiga -O taiga
sudo -u postgres psql
```

```
/password taiga
```

taiga backend

```
cd ~
git clone https://github.com/taigaio/taiga-back.git taiga-back
cd taiga-back
git checkout stable

pip install -r requirements.txt
python manage.py migrate --noinput
python manage.py loaddata initial_user
python manage.py loaddata initial_project_templates
python manage.py compilemessages
python manage.py collectstatic --noinput
```

[~/taiga-back/settings/local.py](#)

test

```
python manage.py runserver
curl http://127.0.0.1:8000/api/v1/
```

celery

```
sudo apt-get install -y rabbitmq-server redis-server
```

[/etc/systemd/system/taiga-celery.service](#)

```
[Unit]
Description=Taiga's Async Task Engine
Wants=rabbitmq-server.service
Requires=rabbitmq-server.service

[Service]
User=taiga
WorkingDirectory=/home/taiga/taiga-back
Environment=PATH=/home/taiga/lib/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin
Environment=PYTHONPATH=/home/taiga/lib/lib/python3.5/site-packages
ExecStart=/home/taiga/lib/bin/celery -A taiga worker -c 4
Restart=always
StandardOutput=syslog+console
StandardError=syslog+console

[Install]
```

```
WantedBy=taiga.service
```

frontend

```
cd ~  
git clone https://github.com/taigaio/taiga-front-dist.git taiga-front-dist  
cd taiga-front-dist  
git checkout stable
```

[~/taiga-front-dist/dist/conf.json dist/conf.json](#)

```
{  
  "api": "http://localhost:8000/api/v1/",  
  "eventsUrl": null,  
  "eventsMaxMissedHeartbeats": 5,  
  "eventsHeartbeatIntervalTime": 60000,  
  "eventsReconnectTryInterval": 10000,  
  "debug": true,  
  "debugInfo": false,  
  "defaultLanguage": "it",  
  "themes": ["taiga"],  
  "defaultTheme": "taiga",  
  "publicRegisterEnabled": false,  
  "feedbackEnabled": true,  
  "privacyPolicyUrl": null,  
  "termsOfServiceUrl": null,  
  "maxUploadFileSize": null,  
  "contribPlugins": [],  
  "tribeHost": null,  
  "importers": [],  
  "gravatar": true  
}
```

events

[~/taiga-events/config.json](#)

```
{  
  "url": "amqp://taiga:PASSWORD@localhost:5672/taiga",  
  "secret": "mysecret",  
  "websocketServer": {  
    "port": 8888  
  }  
}
```

```
sudo rabbitmqctl add_user taiga PASSWORD
sudo rabbitmqctl add_vhost taiga
sudo rabbitmqctl set_permissions -p taiga taiga ".*" ".*" ".*"
```

update local.py

```
EVENTS_PUSH_BACKEND = "taiga.events.backends.rabbitmq.EventsPushBackend"
EVENTS_PUSH_BACKEND_OPTIONS = {"url":
    "amqp://taiga:PASSWORD@localhost:5672/taiga"}
```

[/etc/systemd/system/taiga-events.service](#)

```
[Unit]
Description=Taiga's Realtime Events Engine
Wants=rabbitmq-server.service
Requires=rabbitmq-server.service

[Service]
User=taiga
WorkingDirectory=/home/taiga/taiga-events
ExecStart=/usr/local/bin/coffee index.coffee
Restart=always
StandardOutput=syslog+console
StandardError=syslog+console

[Install]
WantedBy=taiga.service
```

apache

```
<Location /events>
    ProxyPass ws://127.0.0.1:8888/events
</Location>
```

apache

```
a2enmod remoteip proxy_http proxy
```

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