Create docsbox user

*sudo adduser docsbox*

Install debian packages

*sudo apt install nginx redis-server libffi-dev libmagic-dev libmagickwand-dev libreoffice libreofficekit-dev python3-dev python3-pip python3-venv git*

Create virtual envirormment

*sudo python -m venv /opt/docsbox*
*sudo chown -r docsbox:docsbox /opt/docsbox*
*sudo su - docsbox*

Activate new virtual envirormment and install pip packages

*source /opt/docsbox/bin/activate*
*pip3 install  rq rq-scheduler Flask Flask-RESTful Flask-RQ2 flask-env-settings gunicorn pylokit python-libmagic python-magic wand ujson nose*

Find out python version
*python3 -c 'import sys; print(str(sys.version_info[0])+"."+str(sys.version_info[1]))'*

Clone docsbox package

*cd /opt/docsbox/lib/{{python_version}}/site-packages/*
*git clone https://github.com/FH-Complete/FHC-Docsbox.git docsbox*

Create nginx vhost

*sudo vi /etc/nginx/sites-available/docsbox*

```
server {

  listen 127.0.0.1:80;

  server_name  servername.{{domain_name}};

  client_max_body_size 10m;

  charset utf-8;

  location /media {
    alias /opt/docsbox/lib/{{python_version}}/site-packages/docsbox/media;
  }

  location / {
    proxy_pass http://127.0.0.1:8000;
```

```
        proxy_set_header Host $host;
        proxy_set_header X-Real-IP $remote_addr;
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
    }

    access_log /var/log/nginx/access-docsbox.log;
    error_log /var/log/nginx/error-docsbox.log error;

}
```

Activate nginx vhost

*sudo ln -s /etc/nginx/sites-available/ /etc/nginx/sites-enabled/docsbox*
*sudo systemctl restart nginx.service*

Create service files

*sudo vi /etc/systemd/system/docsbox.service*
[Unit]
Description=Docsbox document converter
After=network.target

[Service]
User=docsbox
Group=docsbox
Restart=always
WorkingDirectory=/opt/docsbox/lib/{{python_version}}/site-packages
ExecStart=/opt/docsbox/bin/python3 /opt/docsbox/bin/gunicorn -b 127.0.0.1:8000 -w 4 docsbox:app

[Install]
WantedBy=multi-user.target

*sudo vi /etc/systemd/system/rqscheduler.service*
[Unit]
Description=RQ Scheduler
After=network.target

[Service]
User=docsbox
Group=docsbox
Restart=always
WorkingDirectory=/opt/docsbox/lib/{{python_version}}/site-packages
ExecStart=/opt/docsbox/bin/python3 /opt/docsbox/bin/rqscheduler -H 127.0.0.1 -p 6379 -d 0

[Install]
WantedBy=multi-user.target

*sudo vi /etc/systemd/system/rqworker.service*
[Unit]

```
Description=RQ Worker
After=network.target

[Service]
User=docsbox
Group=docsbox
Restart=always
WorkingDirectory=/opt/docsbox/lib/{{python_version}}/site-packages
ExecStart=/opt/docsbox/bin/python3 /opt/docsbox/bin/rq worker -c docsbox.settings

[Install]
WantedBy=multi-user.target
```

*sudo systemctl daemon-reload*

Activate services

*sudo systemctl restart docsbox.service*
*sudo systemctl restart rqscheduler.service*
*sudo systemctl restart rqworker.service*