

Ubuntu 24.04?Redmine6.0???????

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- Ubuntu 24.04
- Ruby 3.1 / 3.2 / 3.3 ???????Ubuntu 22.04 / 20.04????????????
- ? [????????????????????????????????????](#)????????????????????

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1. Redmine????????????????????
2. Redmine?????????(Ruby/????/Web????)????????
3. ?????Web????????
4. Redmine????????

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- ?Redmine??Ubuntu????????
- ?????????

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- Ubuntu????????????
- DNS????????
- ??????
 - Apache?
 - MySQL
 - Ruby
 - 3.2 (Ubuntu 24.04)
- ?????????aptitude?????apt????????

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- ?????Redmine 6.0.1????
- ???redmine????/home/www-data/redmine????(/var/lib/redmine)????
- ?????????
 - ?????????

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Apache????????

```
sudo add-apt-repository ppa:ondrej/apache2
```

????????????????

- ?????????????

```
sudo aptitude update
```

- ?????????????

```
sudo aptitude install build-essential zlib1g-dev libssl-dev libreadline-dev libyaml-dev libcurl4-openssl-dev libffi-dev mysql-server mysql-client apache2 apache2-dev libapr1-dev libaprutil1-dev imagemagick libmagick++-dev fonts-takao-pgothic subversion git ruby libruby ruby-dev libmysqlclient-dev
```

apache????????????

```
sudo aptitude install libapache2-mod-passenger
```

apache????????????

```
apache2ctl -v
```

```
Apache/2.4.59 (Ubuntu) (2024/11/21 2.4.62) ??? 2.4.58 http/2.4.58
```

ruby?????(gem)????????

```
sudo gem install bundler racc mysql2
```

3 gems installed

?????mysql????

mysql_secure_installation

????????

<https://barrel.reisalin.com/books/bbf94/page/mysql-secure-installation>

mysql?DB????

```
sudo mysql -u root -p
```

mysql?rootmysql

```
CREATE DATABASE redmine character set utf8mb4;
```

DB "redmine" ?????

```
CREATE USER 'redmine'@'localhost' IDENTIFIED BY 'password';
```

??? "redmine"????????????????
??'password'????????????????

```
GRANT ALL ON redmine.* TO 'redmine'@'localhost';
```

```
flush privileges;
```

```
exit
```

????DB????????????????

```
mysql -u redmine -p
```

```
SHOW DATABASES;
```

```
exit
```

- ?????????

```
sudo mkdir -p /home/www-data/redmine
```

????????????

- ????

```
sudo chown -R www-data:www-data /home/www-data
```

- Redmine 6.0???

```
sudo -u www-data svn co https://svn.redmine.org/redmine/branches/6.0-stable /home/www-data/redmine
```

Redmine????????????

- ?????????????????

```
sudo -u www-data cp -pi /home/www-data/redmine/config/database.yml.example /home/www-  
data/redmine/config/database.yml
```

```
/home/www-data/redmine/config/database.yml
```

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database.yml ????

```
production:
  adapter: mysql2
  database: redmine
  host: localhost
  username: redmine
  # root[redmine]
  password: "redmine"
  encoding: utf8mb4
  # (production)
```

Redmine????????????

- Redmine????????????

```
cd /home/www-data/redmine/ && pwd
```

```
/home/www-data/redmine/ (Redmine?????????)??????????
```

- bundle install

```
sudo -u www-data bundle install --without development test --path vendor/bundle
```

- ????????????

```
sudo -u www-data bundle exec rake generate_secret_token
```

- DB????????

```
sudo -u www-data RAILS_ENV=production bundle exec rake db:migrate
```

- ????

```
sudo -u www-data RAILS_ENV=production REDMINE_LANG=ja bundle exec rake redmine:load_default_data
```

Apache????????????

?????????Redmine????/????????????

```
cat <<- __EOF__ | sudo tee -a /etc/apache2/sites-available/redmine.conf
<VirtualHost *:80>
    ServerName [hoge.example.com]
    # ServerName[redmine]
    DocumentRoot /home/www-data/redmine/public
    <Directory /home/www-data/redmine/public>
        Options -MultiViews
        AllowOverride All
        Require all granted
    </Directory>
</VirtualHost>
__EOF__
```

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- ???????

```
ls -l /etc/apache2/sites-available/redmine.conf
```

- ???????

```
sudo a2ensite redmine.conf
```

- ?????????

```
sudo a2dissite 000-default.conf
```

```
sudo a2dissite default-ssl.conf
```

- ???????????

```
sudo apache2ctl configtest
```

Syntax OK ?????

- ??????apache??????

```
systemctl status apache2.service
```

active(running)????

- apache??

```
sudo systemctl restart apache2.service
```

- `sudo systemctl status apache2`

systemctl status apache2.service

active(running)???

Web???

`http://192.168.1.100:8888`

`192.168.1.100:8888`

`192.168.1.100:8888/admin`