

Redmine??

- [Redmine?????](#)
 - [Redmine 5.1.x?5.1.y????????????????](#)
 - [Redmine?/?/???????\(????????????????????\)](#)
 - [Ubuntu 20.04????? Redmine 4.2????? Ubuntu 24.04??Redmine 5.1????](#)
- [Redmine????????????????](#)
 - [Redmine????????????????????](#)

Redmine??????

Redmine?????

Redmine

5.1.x?5.1.y????????????????

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

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- Ubuntu 22.04
- ?????Redmine:5.1.1
- Apache 2.4 / mod-passanger?Ruby????(Ruby 3.0?)
- MySQL 8.0.3

????????

- ?????DB????????
- Web????/????Redmine????????

????????

??????

- ☐ ?????????
- ☐ MySQL????
- ☐ ?????
- ☐ ??DB????/????

????????

1. ????????? (??)
2. DB????
3. redmine????mv????
4. apache??
5. redmine?DB???
6. redmine?DB?????????)
7. apache??
8. ?????????Redmine???
9. themes?plugin????
10. themes?plugin????DB????
11. DB????
12. ????

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

????????????????????????????????AWS????????????????????????????????????????

mysqldump???DB????

- ?????????

```
cd /hoge
```

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

```
mysqldump -h localhost -u redmine -p --no-tablespaces --single-transaction redmine > redmine_backup.$(date +%Y%m%d).sql
```

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

????

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

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

Redmine????????????????????????????????/home/www-data????????????????

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

```
ls -ld redmine
```

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

- ???????

```
sudo mv redmine redmine_$(date +%Y%m%d)
```

- ???

```
ls -ld redmine_$(date +%Y%m%d)
```

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

apache??

??Web????????DB????????

- apache????

```
systemctl status apache2.service
```

active(running)?????

- apache??

```
sudo systemctl stop apache2.service
```

- apache????

```
systemctl status apache2.service
```

inactive(dead)?????

DB?????

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

- ?????mysql????

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

- DB??

```
SHOW DATABASES;
```

redmine?DB????????

- Redmine?DB??

```
DROP DATABASE redmine;
```

DB????????

- Redmine?DB???

```
SHOW DATABASES;
```

Redmine?DB????????

- ??DB???

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

??DB??????

- ??DB????

```
SHOW DATABASES;
```

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

```
EXIT
```

????????

- ???????

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

??????????

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

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

- svn?????

```
sudo -u www-data svn co https://svn.redmine.org/redmine/branches/5.1-stable /home/www-data/redmine
```

5.1????????????????

?????????????config??????

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

```
sudo cp -pi /home/www-data/redmine_$(date +%Y%m%d)/config/database.yml /home/www-  
data/redmine/config/database.yml
```

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

- ?????????

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

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

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

```
sudo cp -pi /home/www-data/redmine_$(date +%Y%m%d)/config/configuration.yml /home/www-  
data/redmine/config/configuration.yml
```

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

- ?????????

```
cat /home/www-data/redmine/config/configuration.yml
```

Redmine?????

- ???????

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

- bundle

```
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??

- apache????

```
systemctl status apache2.service
```

inactive(dead)?????

- apache??

```
sudo systemctl start apache2.service
```

- apache????

```
systemctl status apache2.service
```

active(runnnng)?????

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

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

ID??????admin / admin ??????????????????????????????

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

- `???Redmine????????????`

```
cd /home/www-data/redmine_$(date +%Y%m%d)/plugins
```

- `????????`

```
sudo cp -pir ./ * /home/www-data/redmine/plugins/
```

- `???Redmine????????????`

```
cd /home/www-data/redmine_$(date +%Y%m%d)/public/themes
```

- `????????`

```
sudo cp -pir ./ * /home/www-data/redmine/public/themes/
```

`????????????????????????y????`

- `???Redmine????????????????`

```
cd /home/www-data/redmine_$(date +%Y%m%d)/files
```

- `????????????`

```
sudo cp -pir ./ * /home/www-data/redmine/files/
```

- `???Redmine????????????`

```
cd /home/www-data/redmine_$(date +%Y%m%d)/log
```

- `????????`

```
sudo cp -pir ./ * /home/www-data/redmine/log/
```

`????????????`

- `Redmine????????????`

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

- `bundle`

```
sudo -u www-data bundle install
```

- `?????DB???????`


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

apache????

- apache????

```
systemctl status apache2.service
```

active(running)????

- apache??

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

- apache???

```
systemctl status apache2.service
```

active(running)????

DB???

- mysqldump???????????

```
cd /hoge && pwd
```

- DB???

```
mysql -h localhost -u redmine -p redmine < redmine_backup.$(date +%Y%m%d).sql
```

????redmine????????DB????????

apache????

- apache????

```
systemctl status apache2.service
```

active(running)????

- apache??

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

- apache???

```
systemctl status apache2.service
```

active(runnning)?????

????

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

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

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

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

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

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

```
cd /home/www-data
```

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

- ?????????

```
ls -ld redmine_$(date +%Y%m%d)
```

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

- ?????????

```
sudo rm -rf redmine_$(date +%Y%m%d)
```

- ?????????

```
ls -ld redmine_$(date +%Y%m%d)
```

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

???-MySQL??????????-

- mysqldump????????

```
cd /hoge && pwd
```

- ?????????

```
ls -l redmine_backup.$(date +%Y%m%d).sql
```

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

- ???????

```
rm redmine_backup.$(date +%Y%m%d).sql
```

- ?????????

```
ls -l redmine_backup.$(date +%Y%m%d).sql
```

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

??

Redmine????????

- DB
- ?????
- ?????
- ????
- ???
- ??

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

Redmine?????

Redmine?/?/????????(???????????? ??????????

??

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

???

- [???????????????](#)

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

?????Github???????????????

“ You need to create index for existing data. You need to run full_text_search:synchronize task until no more synchronize target data.

?????????

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

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

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

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

- ???????

```
sudo -u www-data RAILS_ENV=production bin/rails full_text_search:synchronize
```

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

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

Redmine?????

Ubuntu 20.04????? Redmine 4.2????? Ubuntu 24.04??Redmine 5.1?????

??

Redmine 4.2 ?????? Ubuntu 20.04 ?2025?4??EOL??????Redmine 5.1 (Ubuntu 24.04)???????????

???

- ??????????????????????
- Ruby????????????????????????????????????????

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?????

- Ubuntu 20.04
- Redmine 4.2
- Ruby 2.7
- Apache 2.4
- MySQL 8.0.39

?????

- Ubuntu 24.04
- Redmine 5.1
- Ruby 3.2
- Apache 2.4
- MySQL 8.0.39

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

1. ??????Redmine???????
2. ?????DB????????????????????
3. ?????????????????????????????
4. ?????DB?????????
5. ?????gem?????????????
6. ?????????????????????????????
7. ????????????????
8. ?????????redmine???????

9. ?????????DNS????????????????

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

- [?????Ubuntu 24.04????Redmine????](#)
- [????Redmine????? admin /admin ?????????](#)

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

- ?????

```
cd /hoge && pwd
```

????????

- ?????

```
mysqldump -h localhost -u redmine -p --no-tablespaces --single-transaction redmine > redmine_backup.$(date +%Y%m%d).sql
```

????(-u ??)DB?(> ??)????????

- ?????

```
view redmine_backup.$(date +%Y%m%d).sql
```

SQL????????

????????

????????

????????

```
/path/to/redmine/root/directory ?????Redmine????
```

- files ?????
- config/configuration.yml ???(????)
- public/theme/????

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

????DB????

- ?????

```
cd /hoge && pwd
```

- ?????

```
ls -l redmine_backup.$(date +%Y%m%d).sql
```

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

- DB???

```
mysql -h localhost -u redmine -p redmine < redmine_backup.$(date +%Y%m%d).sql
```

????????????Redmine?DB????????

- Web????

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

Web????

1. ???Redmine????????
2. ?????
3. ?????

????????

“ 500 internal server error

????????

????gem????

????internal server error????

“ Has 500 Internal Server Error when upgrade 4.1.1 to 4.2.7, please help.
<https://www.redmine.org/boards/2/topics/67435>

????

- Redmine????

```
cd /path/to/redmine/root/directory && pwd
```

????

- gem update

```
sudo gem update
```

??????????

- Web?????

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

gem????????????????????

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

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

DB???????? rake aborted ????Redmine/Ruby????????

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

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

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

????SSH???

```
sudo a2dissite redmine.conf
```

redmine.conf ?????

????

- Web????

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

????????

????????DNS????

????URL????

- DNS???

DNS????IP????

??DNS????

- apache????

/etc/apaches/site-available/redmine.conf (????)

????


```
<VirtualHost *:80>
servername hoge.example.com
#
```

```
<VirtualHost *:443>
  ServerName hoge.example.com
#
```

-

```
sudo apache2ctl configtest
```

Syntax OK

- Web

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

1. Redmine
- 2.

1. DB
- 2.

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

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

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

??

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

??

- ??Redmine????????
- Ubuntu?OS
- Web?????Apache2???
 - Ruby on Rails?Apache??
- Redmine?Apache?????(www-data)

????????

1. A.????? /redmine/root/directory/plugins ????????
2. B.???????ruby????????????
3. C.DB????????
4. D.Web????????
5. E:???????

A-1:Zip????????????

A-1.1:????????

```
cd /hoge
```

????????

A-1.2:ZIP????????

- curl
- wget
- scp????
- ?????????????

????????

A-1.3:????????

```
unzip plugin.zip
```

A-1.4:????????????????????

```
sudo chown -R www-data:www-data plugin-hoge
```

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

A-1.5:Redmine????????

```
sudo mv plugin-hoge /redmine/root/directory/plugins/plugin
```

????????

? ??????B??????

A-2:git clone??????

A-2.1:Redmine????????

```
cd /redmine/root/directory/plugins && pwd
```

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

A-2.2:git clone??????

```
sudo -u www-data git clone git_repository
```

???github?URL?????https://?????

? ??????B??????

B: ??????ruby????????

B-1: redmine?root??????

```
cd /redmine/root/directory/ && pwd
```

????????

B-2. Bundle install??????

```
sudo -u www-data bundle install
```

Bundle complete! ???OK???

? ???????C???????

B-1: redmine?root????????????

```
cd /redmine/root/directory/ && pwd
```

???????????

C: DB????????????????????

C-1: redmine?root????????????

```
cd /redmine/root/directory/ && pwd
```

???????????

C-2: DB????????????????

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

??????????OK??

? ???????D????????

D:Web????????

- Apache???

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

- ???????

```
systemctl status apache2.service
```

active (running) ???????

E: ????

1. Redmine????????????
2. ?????????????
3. ?????????????????????
4. ?????????????