

Redmine??????

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

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(running)?????

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

???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(running)????

????

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

???

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

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

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

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

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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.