

00-创建数据库

在我们安装Atlassian产品之前，我们需要做好数据库准备。

以下是各个产品对数据的参数配置要求

JIRA数据库

MySql

数据库设置

```
[mysqld]
...
character-set-server=utf8mb4
collation-server=utf8mb4_bin

default-storage-engine=INNODB
innodb_default_row_format=DYNAMIC
transaction-isolation=READ-COMMITTED
innodb_log_file_size=2G
max_allowed_packet=256M

#not set sql_mode
#sql_mode = NO_AUTO_VALUE_ON_ZERO
max_connections = 500

log_bin_trust_function_creators = 1
```

创建库及授权

```
CREATE DATABASE jiradb CHARACTER SET utf8mb4 COLLATE utf8mb4_bin;

GRANT SELECT, INSERT, UPDATE, DELETE, CREATE, DROP, REFERENCES, ALTER, INDEX on jiradb.*
TO 'jirauser'@'%' IDENTIFIED BY 'PASSWORD';
flush privileges;
```

PostgreSQL

```
#创建数据库
CREATE DATABASE jiradb WITH ENCODING 'UNICODE' LC_COLLATE 'C' LC_CTYPE 'C'
TEMPLATE template0;
#为数据库用户进行授权
GRANT ALL PRIVILEGES ON DATABASE jiradb TO jirauser
```

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Oracle

```
-- 字符编码 AL32UTF8
#创建表空间
create tablespace jiradb datafile 'jiradb' size 100m;
create tablespace data_test datafile 'd:\oracle\oradata\data_1.dbf' size 200M;
create tablespace idx_test datafile 'd:\oracle\oradata\idx_1.dbf' size 200M;
#创建用户
create user jira identified by jira default tablespace jiradb quota unlimited on
jiradb;
#对用户进行授权
grant connect to jira;
grant create table to jira;
grant create sequence to jira;
grant create trigger to jira;
```

Confluence数据库

MySQL

数据库设置

```
[mysqld]
...
character-set-server=utf8mb4
collation-server=utf8mb4_bin

default-storage-engine=INNODB
max_allowed_packet=256M
innodb_log_file_size=2GB

#not set sql_mode
#sql_mode = NO_AUTO_VALUE_ON_ZERO

transaction-isolation=READ-COMMITTED
binlog_format=row
max_connections = 250

log_bin_trust_function_creators = 1
```

创建库及授权

```
CREATE DATABASE conflencedb CHARACTER SET utf8mb4 COLLATE utf8mb4_bin;  
GRANT ALL PRIVILEGES ON conflencedb.* TO 'confluenceuser'@'%' IDENTIFIED BY  
'<password>';  
flush privileges;
```

PostgreSQL

#创建数据库

```
CREATE DATABASE conflencedb WITH ENCODING 'UTF-8' LC_COLLATE 'UTF-8' LC_CTYPE  
'UTF-8' TEMPLATE template0;
```

#为数据库用户进行授权

```
GRANT ALL PRIVILEGES ON DATABASE conflencedb TO confluenceuser
```

ORACLE

SQL

--字符编码: AL32UTF8

```
create user confluenceuser identified by 'password' default tablespace  
conflencedb quota unlimited on conflencedb;
```

--- 授权

```
grant connect to confluenceuser;  
grant resource to confluenceuser;  
grant create table to confluenceuser;  
grant create sequence to confluenceuser;  
grant create trigger to confluenceuser;
```

BitBucket数据库

Bitbucket Server在MySQL5.6.16之前的版本中并不是全部兼容的（并且不建议使用Mysql）

BitBucket Datacenter版本不支持Mysql

PostgreSQL

```
CREATE ROLE bitbucketuser WITH LOGIN PASSWORD '<password>' VALID UNTIL  
'infinity';  
CREATE DATABASE bitbucket WITH ENCODING='UTF8' OWNER=bitbucketuser CONNECTION  
LIMIT=-1;
```

ORACLE

```
CREATE USER <user> IDENTIFIED BY <password> DEFAULT TABLESPACE USERS QUOTA
UNLIMITED ON USERS;
GRANT CONNECT, RESOURCE to <user>;
```

SQLServer

```
CREATE DATABASE bitbucket
USE bitbucket
ALTER DATABASE bitbucket SET ALLOW_SNAPSHOT_ISOLATION ON
ALTER DATABASE bitbucket SET READ_COMMITTED_SNAPSHOT ON
ALTER DATABASE bitbucket COLLATE SQL_Latin1_General_CP1_CS_AS
SET NOCOUNT OFF
USE master
CREATE LOGIN bitbucketuser WITH PASSWORD= 'password', DEFAULT_DATABASE=bitbucket,
CHECK_EXPIRATION=OFF, CHECK_POLICY=OFF
ALTER AUTHORIZATION ON DATABASE::bitbucket TO bitbucketuser
```

Crowd数据库

MySql

数据库设置

```
[mysqld]
...
character-set-server=utf8
collation-server=utf8_bin

default-storage-engine=INNODB
max_allowed_packet=256M
innodb_log_file_size=2GB

#not set sql_mode
#sql_mode = NO_AUTO_VALUE_ON_ZERO

transaction-isolation=READ-COMMITTED
max_connections = 250
log_bin_trust_function_creators = 1
```

创建库及授权

```
create database crowddb character set utf8 collate utf8_bin;  
GRANT ALL PRIVILEGES ON crowddb.* TO 'crowduser'@'%' IDENTIFIED BY 'crowdpass';
```

Bamboo数据库

MySql

数据库设置

```
[mysqld]  
...  
character-set-server=utf8  
collation-server=utf8_bin  
  
default-storage-engine=INNODB  
max_allowed_packet=256M  
innodb_log_file_size=2GB  
  
transaction-isolation=READ-COMMITTED  
lower_case_table_names=1  
max_connections = 250  
log_bin_trust_function_creators = 1
```

创建库及授权

```
CREATE DATABASE bamboodb CHARACTER SET utf8 COLLATE utf8_bin;  
GRANT ALL PRIVILEGES ON bamboodb.* TO 'bamboouser'@'%' IDENTIFIED BY 'password';  
FLUSH PRIVILEGES;
```

Crucible\FishEye 数据库

MySql

数据库设置

```
[mysqld]
...
character-set-server=utf8
collation-server=utf8_bin

default-storage-engine=INNODB
max_allowed_packet=256M
innodb_log_file_size=2GB

transaction-isolation=READ-COMMITTED
lower_case_table_names=1
max_connections = 250
log_bin_trust_function_creators = 1
```

创建库及授权

```
SET GLOBAL storage_engine = 'InnoDB';
CREATE DATABASE fisheye CHARACTER SET utf8 COLLATE utf8_bin;
CREATE DATABASE crucible CHARACTER SET utf8 COLLATE utf8_bin;
GRANT ALL PRIVILEGES ON fisheye.* TO 'fisheyeuser'@'%' IDENTIFIED BY 'password';
GRANT ALL PRIVILEGES ON crucible.* TO 'crucibleuser'@'%' IDENTIFIED BY
'password';
FLUSH PRIVILEGES;
```

创建用户

```
mysql
CREATE USER 'atlassian'@'%' IDENTIFIED BY mysql_native_password 'atlassian';
postgresql
CREATE ROLE "atlassian" login PASSWORD 'changeit' CREATEDB NOINHERIT;
```

建议

每一个应用创建一个新用户

不要使用root账户

Mysql 数据驱动

- mysql 5.5, 5.6, 5.7 可使用: [mysql-connector-java-5.1.44-bin.jar](#)
- mysql 5.8 可使用: [mysql-connector-java-8.0.21.jar](#)

XML File confluence.cfg.xml

2021-04-04 by 红旗公

File 数据库创建脚本.sql

2022-10-19 by 红旗公

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