**EAM应用系统安装部署及维护手册V1.3**

## 1、EAM安装部署

**1、初始化Mysql数据库**

1.1检查操作:

确保mysql 中my.cnf主要参数是否设置正确,主要参数列表如下

[mysqld]  
max\_allowed\_packet = 128M  
character\_set\_server=utf8  
init\_connect='SET NAMES utf8'

max\_connections=1500  
symbolic-links=0  
#设置忽略大小写(简单来说就是sql语句是否严格)，默认库名表名保存为小写, 不区分大小写  
lower\_case\_table\_names = 1

[client]  
default-character-set=utf8

1.2创建EAM数据库:

SQL>CREATE DATABASE eam DEFAULT CHARACTER SET utf8mb4 COLLATE utf8mb4\_unicode\_ci;

1.3初始化EAM数据库(相关sql文件来源请看Readme):

SQL>use eam

SQL>source /tmp/init.sql

1.4 创建EAM应用数据库用户

create user 'eam'@'%' identified by 'P@pXXXXXXXXXX';  
grant all privileges on eam.\* to 'eam'@'%' ;  
grant all on eam.\* to 'eam'@'%' ;  
flush privileges;

1.5 创建序列存储过程nextVal

使用eam用户运行存储过程

#SQL>select name from mysql.proc where db='eam';

#SQL>drop procedure eam.NEXT\_VAL;

SQL>source next.sql

1. **部署应用**

**将app.tar包放置在/opt/eam位置**

$mkdir /opt/eam/

$cp app.tar.gz /opt/eam/

$tar cvf app.tar.gz

1. **修改bin/app.conf中配置文件(非必须，如果需要一些启动维护脚本则需要配置)**

######APP CONF

APP\_NAME=eam.jar

APP\_DIR=/opt/eam

BACKUP\_DIR=/opt/eam/backup/dbdata

DATA\_CLEAR=1

######APP Command  
JAVA=java

######APP MYSQL

MYSQL=/usr/local/mysql/bin/mysql  
MYSQL\_DUMP=/usr/local/mysql/bin/mysqldump  
MYSQL\_ADMIN=/usr/local/mysql/bin/mysqladmin  
DB\_HOST=127.0.0.1  
DB\_PORT=3306  
DB\_NAME=eam  
DB\_USER=eam  
DB\_PWD=PX

1. **检查应用application.yml文件中涉及的主要配置是否正确**

##检查数据库连接信息配置是否正确

url: jdbc:mysql://127.0.0.1:3306/eam\_demo?useSSL=false&serverTimezone=Hongkong&useUnicode=true&characterEncoding=utf-8&autoReconnect=true&allowPublicKeyRetrieval=true&tinyInt1isBit=false

username: root

password: 123456

##应用端口配置是否正确

port: 26788

##存储路径配置是否正确

storage:

mode: disk

disk:

location:

#在不同的环境下选择不同的路径

linux: /opt/upload

1. **检查主要配置是否正常**

$cd /opt/eam/

$sh bin/appCheckEnv.sh

###start to check application.yml exist

check /opt/eam/bin/../application.yml exist success!

###start to check upload directory exist

check upload\_dir /opt/eam/upload exist success!

###start to check app jar exist

check app /opt/eam/bin/../eam.jar exist success!

...

...

## 2、EAM日常维护

**1、EAM服务启动**

$cd /opt/eam/

$sh eamStart.sh

1. **EAM服务停止**

$cd /opt/eam/

$sh eamStop.sh

## 3、EAM应用更新

**1、EAM应用更新**

$cd /opt/eam/

$sh bin/updateApp.sh

1. **EAM数据库更新**

$cd /opt/eam

$sh bin/runSql.sh sql\_path

$sh bin/runSql.sh bin/sql/eam\_updateVersion.sql