

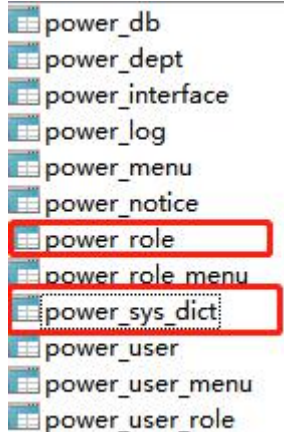


嘉时软件权限系统部署初始化文档

2019-09-11

一、数据库: power.sql(系统管理员账号: 用户名: admin,密码: 123456)

1.导入数据库后需修改两张数据表中的数据: power_role 和 power_sys_dict



1.1power_role:

将 role_name 为系统管理员的 role_id 修改为0(role_name 为医院系统管理员的 role_id 为-100)

role_id	role_name	remark	effective	create_date	creator	update_date	updater
-100	医院系统管理员	医院角色	1	2019-08-09	admin	2019-08-09	admin
0	系统管理员	系统角色	1	2019-08-09	admin	2019-08-09	admin
16	医生		1	2019-09-04	xyadmin	2019-09-04	xyadmin

1.2power_sys_dict:

将 sys_name 为权限系统的 dict_id 修改为 0

dict_id	dept_id	hospital_name	sys_flag	sys_name	dict_area	hospital_tel	parent_id	sys_type	sort	dict_status	dict
0	(Null)	(Null)	power	权限系统	(Null)	(Null)		1 权限系统	1	1	
1	(Null)	湘雅医院	(Null)	(Null)	湖南	(Null)	(Null)	1 医院	(Null)	1	
4	2	(Null)	emr_record	病案管理系统	(Null)	(Null)		1 病案管理系统	(Null)	1	
6	(Null)	广东医科大学附属医院	(Null)	(Null)	广东	(Null)	(Null)	6 医院	(Null)	1	
7	3	(Null)	emr_medical_record	病案归档系统	(Null)	(Null)		6 病案归档系统	(Null)	1	
10	16	(Null)	apply_wx	预约挂号APP	(Null)	(Null)		6 预约挂号App	(Null)	1	
11	16	(Null)	emr_apply_copy	复印预约PC	(Null)	(Null)		6 复印预约PC	(Null)	1	

2. 初始化必须存在的数据,备注:下面表如导入的数据已存在就无须添加

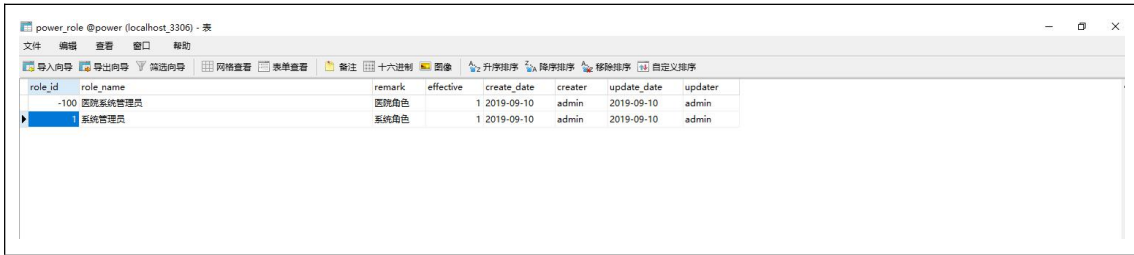
初始化数据多不建议清空的表: power_menu 菜单表

2.1 角色表 power_role(添加 role_id 为 0 的系统管理员角色、role_id 为-100 的医院管理员这两个角色):

```
insert into power_role (role_id, role_name, remark,effective, create_date, creator,update_date, updater)
values (0, '系统管理员', '系统角色', 1, CURDATE(), 'admin',CURDATE(),'admin');

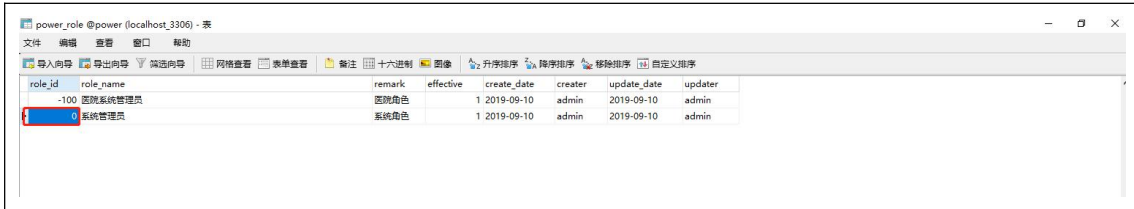
insert into power_role (role_id, role_name, remark,effective, create_date, creator,update_date, updater)
values (-100, '医院系统管理员', '医院角色', 1, CURDATE(), 'admin',CURDATE(),'admin');
```

效果:



role_id	role_name	remark	effective	create_date	creator	update_date	updater
-100	医院系统管理员	医院角色	1	2019-09-10	admin	2019-09-10	admin
1	系统管理员	系统角色	1	2019-09-10	admin	2019-09-10	admin

role_name 为系统管理员的 role_id 用数据库工具如 navicat 改为 0，效果如下图:



role_id	role_name	remark	effective	create_date	creator	update_date	updater
-100	医院系统管理员	医院角色	1	2019-09-10	admin	2019-09-10	admin
0	系统管理员	系统角色	1	2019-09-10	admin	2019-09-10	admin

2.2 用户表 power_user(添加角色 id 为 0 的 admin 用户):

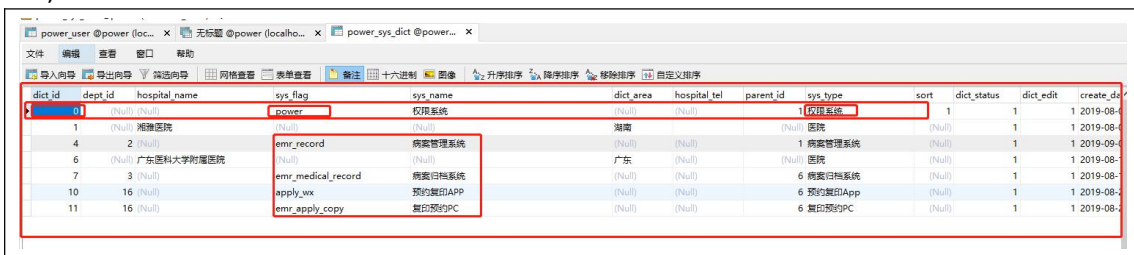
```
insert into power_user (user_id, user_name, user_pwd,user_sex, user_age, user_tel,user_email,
user_position, role_id,dept_id, effective, create_date,
creator, update_date, updater,remark)
values (null, 'admin', 'RUZHQEFC',1, 25,188888888888,'88@qq.com', ' 厦 门 ',
0,-1,1,CURDATE(),'admin',CURDATE(),'admin','系统管理员')
```

效果:



user_id	user_name	user_pwd	user_sex	user_age	user_tel	user_email	user_position	role_id	dept_id	effective	create_date	creator
1	admin	RUZHQEFC	1	25	18888888888	88@qq.com	厦门	0	-1	1	2019-09-10	admin

2.3 医院系统表 power_sys_dict(添加 dict_id 为 0、sys_flag 为 power、sys_type 为 ‘权限系统’ 等):



dict_id	dept_id	hospital_name	sys_flag	sys_name	dict_area	hospital_tel	parent_id	sys_type	sort	dict_status	dict_edit	create_date
0	(Null)	(Null)	power	权限系统	(Null)	(Null)	(Null)	权限系统	1	1		1 2019-08-
1	2	湘雅医院	(Null)	(Null)	湖南	(Null)	(Null)	1 病案管理系统	(Null)	1		1 2019-08-
4	3	广东医科大学附属医院	emr_record	病案管理系统	(Null)	(Null)	(Null)	1 病案管理系统	(Null)	1		1 2019-09-
6	(Null)	(Null)	emr_medical_record	病案归档系统	广东	(Null)	(Null)	6 病案归档系统	(Null)	1		1 2019-08-
7	(Null)	(Null)	apply_wx	预约复印APP	(Null)	(Null)	(Null)	6 预约复印App	(Null)	1		1 2019-08-
10	16	(Null)	emr_apply_copy	复印预约PC	(Null)	(Null)	(Null)	6 复印预约PC	(Null)	1		1 2019-08-
11	16	(Null)	(Null)	(Null)	(Null)	(Null)	(Null)	(Null)	(Null)	1		1 2019-08-

备注: 权限系统: dict_id 为 0, sys_flag 为 power,sys_type:权限系统, dept_id 为空

病案管理系统: sys_flag 为 emr_record, dept_id 不为空

病案归档系统:sys_flag 为 emr_medical_record, dept_id 不为空

预约复印 APP: sys_flag 为 apply_wx, dept_id 不为空

复印预约 PC: sys_flag 为 emr_apply_copy, dept_id 不为空

2.4 通知表: power_notice(notice_type_flag 对应医院系统表的 sys_flag 字段, 即系统的标识)

INSERT

INTO

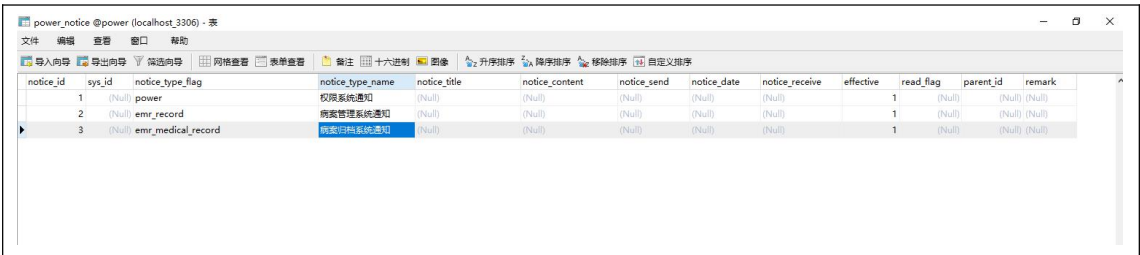
power_notice

```
(notice_id,sys_id,notice_type_flag,notice_type_name,notice_title,notice_content,notice_send,notice_date,notice_receive,effective,read_flag,parent_id,remark)
VALUES(NULL,NULL,'power','权限系统通知',NULL,NULL,NULL,NULL,NULL,1,NULL,NULL,NULL);

INSERT INTO power_notice
(notice_id,sys_id,notice_type_flag,notice_type_name,notice_title,notice_content,notice_send,notice_date,notice_receive,effective,read_flag,parent_id,remark)
VALUES(NULL,NULL,'emr_record','病案管理系统通知',NULL,NULL,NULL,NULL,NULL,1,NULL,NULL,NULL);

INSERT INTO power_notice
(notice_id,sys_id,notice_type_flag,notice_type_name,notice_title,notice_content,notice_send,notice_date,notice_receive,effective,read_flag,parent_id,remark)
VALUES(NULL,NULL,'emr_medical_record','病案归档系统通知',NULL,NULL,NULL,NULL,NULL,1,NULL,NULL,NULL);
```

效果:



2.5 视图 1: power_user_dict 用户归属医院视图

```
select `power`.`power_user`.`user_id` AS `user_id`,`power`.`power_dept`.`dict_id` AS `dict_id`
from ((`power`.`power_user` join `mysql`.`help_topic` `b` on((`b`.`help_topic_id` <
((length(`power`.`power_user`.`dept_id`) - length(replace(`power`.`power_user`.`dept_id`,``,``))
+ 1)))) left join `power`.`power_dept` on((`power`.`power_dept`.`dept_id` =
`power`.`power_user`.`dept_id`))) group by `power`.`power_user`.`user_id`
```

字段说明				
字段	字段名称	类型	是否为空	备注
user_id	用户 id	int(11)	是	对 power_user 表 user_id
dict_id	医院 id	int(11)	是	对 power_sys_dict 医院 dict_id

2.6 视图 2: user_dept_menu 医院科室系统用户菜单数据视图:

```
select `a`.`sys_id` AS `sys_id`,`a`.`hospital_name` AS `hospital_name`,`a`.`dept_id` AS `dept_id`,`a`.`dept_name` AS `dept_name`,`a`.`dept_code` AS `dept_code`,`a`.`sys_flag` AS `sys_flag`,`a`.`sys_name` AS `sys_name`,`a`.`hospital_id` AS `hospital_id`,`a`.`sys_type` AS `sys_type`,`a`.`sort` AS `sort`,`a`.`user_id` AS `user_id`,`a`.`user_name` AS `user_name`,`a`.`user_tel` AS `user_tel`,`a`.`user_email` AS `user_email`,`a`.`role_id` AS
```

```

`role_id`,`a`.`role_name` AS `role_name`,`a`.`menu_id` AS `menu_id`,`a`.`menu_name` AS
`menu_name`,`a`.`menu_icon` AS `menu_icon`,`a`.`menu_url` AS `menu_url`,`a`.`method` AS
`method`,`a`.`method_type` AS `method_type`,`a`.`method_parent` AS
`method_parent`,`a`.`method_sort` AS `method_sort` from (select distinct `f`.`sys_id` AS
`sys_id`,`power`.`power_sys_dict`.`hospital_name` AS `hospital_name`,`f`.`dept_id` AS
`dept_id`,`power`.`power_dept`.`dept_name` AS
`dept_name`,`power`.`power_dept`.`dept_code` AS `dept_code`,`f`.`sys_flag` AS
`sys_flag`,`power_sys_dict1`.`sys_name` AS `sys_name`,`f`.`hospital_id` AS
`hospital_id`,`power_sys_dict1`.`sys_type` AS `sys_type`,`power_sys_dict1`.`sort` AS
`sort`,`f`.`user_id` AS `user_id`,`power`.`power_user`.`user_name` AS
`user_name`,`power`.`power_user`.`user_tel` AS `user_tel`,`power`.`power_user`.`user_email` AS
`user_email`,`power`.`power_user`.`role_id` AS `role_id`,`power`.`power_role`.`role_name` AS
`role_name`,`f`.`menu_id` AS `menu_id`,`power`.`power_menu`.`menu_name` AS
`menu_name`,`power`.`power_menu`.`menu_icon` AS
`menu_icon`,`power`.`power_menu`.`menu_url` AS `menu_url`,`power`.`power_menu`.`method`
AS `method`,`power`.`power_menu`.`function_type` AS
`method_type`,`power`.`power_menu`.`parent_id` AS
`method_parent`,`power`.`power_menu`.`sort` AS `method_sort` from (((((((select
`c`.`hospital_id` AS `hospital_id`,`c`.`dept_id` AS `dept_id`,`c`.`sys_id` AS `sys_id`,`c`.`sys_flag` AS
`sys_flag`,`c`.`user_id` AS `user_id`,`c`.`role_id` AS `role_id`,`d`.`menu_id` AS `menu_id` from
(((select `a`.`hospital_id` AS `hospital_id`,`a`.`dept_id` AS `dept_id`,`a`.`sys_id` AS
`sys_id`,`a`.`sys_flag` AS `sys_flag`,`power`.`power_user`.`user_id` AS
`user_id`,`power`.`power_user`.`role_id` AS `role_id` from (((select
`power`.`power_sys_dict`.`dict_id` AS `hospital_id`,`power`.`power_dept`.`dept_id` AS
`dept_id`,`power_sys_dict1`.`dict_id` AS `sys_id`,`power_sys_dict1`.`sys_flag` AS `sys_flag` from
((`power`.`power_sys_dict` left join `power`.`power_dept` on(((`power`.`power_dept`.`dict_id` =
`power`.`power_sys_dict`.`dict_id`) and (`power`.`power_dept`.`effective` = 1)))) left join
`power`.`power_sys_dict` `power_sys_dict1` on(((`power`.`power_dept`.`dept_id` =
`power_sys_dict1`.`dept_id`) and (`power_sys_dict1`.`dept_id` is not null) and
(`power_sys_dict1`.`dict_status` = 1)))) where ((`power`.`power_sys_dict`.`hospital_name` is not
null) and (`power`.`power_sys_dict`.`dict_status` = 1))) union all select
`power`.`power_sys_dict`.`parent_id` AS `hospital_id`,`power`.`power_sys_dict`.`dept_id` AS
`dept_id`,`power`.`power_sys_dict`.`dict_id` AS `sys_id`,`power`.`power_sys_dict`.`sys_flag` AS
`sys_flag` from (`power`.`power_sys_dict` left join `power`.`power_sys_dict` `power_sys_dict1`
on((`power`.`power_sys_dict`.`parent_id` = `power_sys_dict1`.`dict_id`))) where
((`power`.`power_sys_dict`.`dict_status` = 1) and (`power`.`power_sys_dict`.`sys_flag` is not null)
and (`power`.`power_sys_dict`.`sys_type` <> ' 权限系统 ') and
(not(`power`.`power_sys_dict`.`dict_id` in (select `power_sys_dict1`.`dict_id` from
((`power`.`power_sys_dict` left join `power`.`power_dept` on(((`power`.`power_dept`.`dict_id` =
`power`.`power_sys_dict`.`dict_id`) and (`power`.`power_dept`.`effective` = 1)))) left join
`power`.`power_sys_dict` `power_sys_dict1` on(((`power`.`power_dept`.`dept_id` =
`power_sys_dict1`.`dept_id`) and (`power_sys_dict1`.`dept_id` is not null)))))) where
((`power`.`power_sys_dict`.`hospital_name` is not null) and
(`power`.`power_sys_dict`.`dict_status` = 1) and (`power_sys_dict1`.`dict_id` is not null)))))) `a`

```

```

left join `power`.`power_user` on((find_in_set(`a`.`dept_id`,`power`.`power_user`.`dept_id`) and
(`power`.`power_user`.`effective` = 1) and (`power`.`power_user`.`role_id` <> -(100)) and
(`power`.`power_user`.`role_id` <> 0)))) union all select `power`.`power_sys_dict`.`parent_id` AS
`hospital_id`,NULL AS `dept_id`,`power`.`power_sys_dict`.`dict_id` AS
`sys_id`,`power`.`power_sys_dict`.`sys_flag` AS `sys_flag`,`power_user_dict`.`user_id` AS
`user_id`,`power`.`power_user`.`role_id` AS `role_id` from ((`power`.`power_sys_dict` left join
`power`.`power_user_dict` on((`power`.`power_sys_dict`.`parent_id` =
`power_user_dict`.`dict_id`))) join `power`.`power_user` on(((`power`.`power_user`.`user_id` =
`power_user_dict`.`user_id`) and (`power`.`power_user`.`role_id` <> -(100)))) where
(`power`.`power_sys_dict`.`sys_type` = ' 权限系统 ') `c` left join (select `b`.`user_id` AS
`user_id`,`b`.`menu_id` AS `menu_id`,`power`.`power_menu`.`sys_flag` AS `sys_flag` from
(((select `power`.`power_user`.`user_id` AS `user_id`,`power`.`power_role_menu`.`menu_id` AS
`menu_id` from ((`power`.`power_user` join `power`.`power_role_menu`
on((`power`.`power_user`.`role_id` = `power`.`power_role_menu`.`role_id`))) left join
`power`.`power_user_menu` on(((`power`.`power_user`.`user_id` =
`power`.`power_user_menu`.`user_id`) and (`power`.`power_role_menu`.`menu_id` =
`power`.`power_user_menu`.`menu_id`)))) where isnull(`power`.`power_user_menu`.`flag`))
union all select `power`.`power_user_menu`.`user_id` AS
`user_id`,`power`.`power_user_menu`.`menu_id` AS `menu_id` from
`power`.`power_user_menu` where (`power`.`power_user_menu`.`flag` = 1)) `b` left join
`power`.`power_menu` on((`b`.`menu_id` = `power`.`power_menu`.`menu_id`))) `d`
on(((`c`.`user_id` = `d`.`user_id`) and (`c`.`sys_flag` = convert(`d`.`sys_flag` using utf8)))) union
all select `e`.`hospital_id` AS `hospital_id`,`e`.`dept_id` AS `dept_id`,`e`.`dict_id` AS
`sys_id`,`e`.`sys_flag` AS `sys_flag`,`e`.`user_id` AS `user_id`,`e`.`role_id` AS
`role_id`,`power`.`power_menu`.`menu_id` AS `menu_id` from (((select
`power`.`power_user`.`user_id` AS `user_id`,`power`.`power_user`.`role_id` AS
`role_id`,`power_user_dict`.`dict_id` AS `hospital_id`,`power`.`power_sys_dict`.`dict_id` AS
`dict_id`,`power`.`power_sys_dict`.`sys_flag` AS `sys_flag`,`power`.`power_dept`.`dept_id` AS
`dept_id` from (((`power`.`power_user` join `power`.`power_user_dict`
on((`power`.`power_user`.`user_id` = `power_user_dict`.`user_id`))) left join
`power`.`power_sys_dict` on((`power`.`power_sys_dict`.`parent_id` =
`power_user_dict`.`dict_id`))) left join `power`.`power_dept`
on(find_in_set(`power`.`power_dept`.`dept_id`,`power`.`power_user`.`dept_id`))) where
((`power`.`power_user`.`role_id` = -(100)) and (`power`.`power_user`.`effective` = 1))) `e` join
`power`.`power_menu`) where (`e`.`sys_flag` = convert(`power`.`power_menu`.`sys_flag` using
utf8)) group by `e`.`user_id`,`power`.`power_menu`.`menu_id` union all select NULL AS
`hospital_id`,NULL AS `dept_id`,NULL AS `sys_id`,`power`.`power_menu`.`sys_flag` AS
`sys_flag`,`power`.`power_user`.`user_id` AS `user_id`,`power`.`power_user`.`role_id` AS
`role_id`,`power`.`power_menu`.`menu_id` AS `menu_id` from (`power`.`power_user` join
`power`.`power_menu`) where (`power`.`power_user`.`role_id` = 0)) `f` left join
`power`.`power_sys_dict` on((`power`.`power_sys_dict`.`dict_id` = `f`.`hospital_id`))) left join
`power`.`power_dept` on((`power`.`power_dept`.`dept_id` = `f`.`dept_id`))) left join
`power`.`power_sys_dict` `power_sys_dict1` on((`power_sys_dict1`.`dict_id` = `f`.`sys_id`))) left
join `power`.`power_user` on((`power`.`power_user`.`user_id` = `f`.`user_id`))) left join

```

```
`power`.`power_role` on((`power`.`power_user`.`role_id` = `power`.`power_role`.`role_id`))) left
join `power`.`power_menu` on((`power`.`power_menu`.`menu_id` = `f`.`menu_id`))) `a` order by
`a`.`hospital_id`,`a`.`dept_id`,`a`.`sys_id`,`a`.`user_id`,`a`.`method_sort`
```

字段说明				
字段	字段名称	类型	是否为空	备注
sys_id	ID（系统或医院）	int(11)	是	
hospital_name	医院名称	varchar(32)	是	
dept_id	科室 ID	varchar(32)	是	
dept_name	科室名称	varchar(32)	是	
dept_code	科室编号	varchar(32)	是	
sys_flag	系统标识	varchar(32)	是	
sys_name	系统名称	varchar(32)	是	
hospital_id	父级 ID	int(11)	是	
sys_type	系统分类	varchar(32)	是	
sort	排序	int(11)	是	
user_id	用户 ID	int(11)	是	
user_name	用户名称	varchar(32)	是	
user_tel	用户电话	varchar(32)	是	
user_email	用户邮箱地址	varchar(32)	是	
role_id	角色 ID	int(11)	是	
role_name	角色名称	varchar(32)	是	
menu_id	菜单 ID	int(11)	是	
menu_name	菜单名称和功能名称	varchar(32)	是	
menu_icon	菜单图标	varchar(100)	是	
menu_url	菜单地址	varchar(1000)	是	
method	功能（方法）	varchar(32)	是	
method_type	方法类别	varchar(32)	是	查 的 是 functionType
method_parent	菜单父节点	int(11)	是	
method_sort	排序	int(11)	是	

二、代码修改部分：

修改 power/WEB-INF/classes/config 下的 jdbc.properties 和 config.properties 两个文件



jdbc.properties:

```
1 jdbc.driver=com.mysql.jdbc.Driver
2 jdbc.url=jdbc:mysql://120.27.212.36:3306/power?useUnicode=true&characterEncoding=utf-8
3 #jdbc.url=jdbc:mysql://localhost:3306/power?useUnicode=true&characterEncoding=utf-8
4 jdbc.username=root
5 jdbc.password=docus702
6 #jdbc.password=root
7
8 #hibernate config
9 hibernate.dialect = org.hibernate.dialect.MySQLDialect
10 hibernate.show_sql = true
11 hibernate.format_sql = true
12 hibernate.hbm2ddl.auto = update
13 #hibernate.current_session_context_class=org.springframework.orm.hibernate5.SpringSessionContext
14 hibernate.current_session_context_class=thread
15
16 hibernate.jdbc.batch_size=50
17 hibernate.enable_lazy_load_no_trans=true
18
19 #执行:右键 Run As ---->Maven build ---->Goals:mybatis-generator:generate
20 #输出目录
21 targetProject=src/main/java
22 #modelPackage, sqlMapperPackage, daoMapperPackage 通常一致
23 modelPackage=com.manage.entity
24 daoMapperPackage=com.manage.dao
25 #输出目录
26 targetProject2=src/main/resources
27 sqlMapperPackage=mapper
28
29
```

config.properties:

```
10 #####服务器ip#####
11 #通用服务器ip
12 SERVER_IP = 192.168.1.3
13 #通用服务器端口
14 SERVER_PORT = 8081
15
16 #power权限系统ip
17 POWER_IP = ${SERVER_IP}
18 #权限系统端口
19 POWER_PORT = ${SERVER_PORT}
20
21 #病案归档系统ip
22 EMRMEDICALRECORD_IP = ${SERVER_IP}
23 #病案归档系统端口
24 EMRMEDICALRECORD_PORT = ${SERVER_PORT}
25
26 #病案管理系统ip
27 EMRRECORD_IP = ${SERVER_IP}
28 #病案管理系统端口
29 EMRRECORD_PORT = ${SERVER_PORT}
30
31 #病案复印预约ip
32 EMRAPPLYCOPY_IP = ${SERVER_IP}
33 #病案复印预约端口
34 EMRAPPLYCOPY_PORT = ${SERVER_PORT}
35
36 #emr_medical_record归档系统的系统标识
37 EMRMEDICALRECORD_SYSLAG = emr_medical_record
38 #emr_medical_record归档系统的服务器地址头
39 EMRMEDICALRECORD_URLHEAD = http://${EMRMEDICALRECORD_IP}:${EMRMEDICALRECORD_PORT}/${EMRMEDICALRECORD_SYSLAG}
```



```
config.properties
27 EMRECORD_IP = ${SERVER_IP}
28 #病案管理系统端口
29 EMRECORD_PORT = ${SERVER_PORT}
30
31 #病案复印预约ip
32 EMRAPPLYCOPY_IP = ${SERVER_IP}
33 #病案复印预约端口
34 EMRAPPLYCOPY_PORT = ${SERVER_PORT}
35
36 #emr_medical_record归档系统的系统标识
37 EMRMEDICALRECORD_SYSFLAG = emr_medical_record
38 #emr_medical_record归档系统的服务器地址头
39 EMRMEDICALRECORD_URLHEAD = http://${EMRMEDICALRECORD_IP}:${EMRMEDICALRECORD_PORT}/${EMRMEDICALRECORD_SYSFLAG}
40
41 #emr_record病案管理系统的系统标识
42 EMRECORD_SYSFLAG = emr_record
43 #emr_record病案管理系统的服务器地址头
44 EMRECORD_URLHEAD = http://${EMRECORD_IP}:${EMRECORD_PORT}/${EMRECORD_SYSFLAG}
45
46 #emr_apply_copy病案复印预约的系统标识
47 EMRAPPLYCOPY_SYSFLAG = emr_apply_copy
48 #emr_apply_copy病案复印预约的服务器地址头
49 EMRAPPLYCOPY_URLHEAD = http://${EMRAPPLYCOPY_IP}:${EMRAPPLYCOPY_PORT}/${EMRAPPLYCOPY_SYSFLAG}
50 #####其他#####
51 #webSocket服务器地址
52 WEBSOCKET_URLHEAD = ${POWER_IP}:8088
53 #通知字符串间隔符
54 STR_SPLIT = *.:|.,.
```

power系统的ip
8088为该部署环境可用的端口，与tomcat端口不重复