2018年2月5日

10:12

**部署操作手册**

**一、环境准备**

1. tomcat：tomcat7即可
2. jdk：要求jdk1.7+，64位(由于开发部分jar包需要jdk1.8支持，因此此处选择jdk1.8 64位)
3. Mirth：3.4.2版本
4. mysql：mysql5.6+
5. Node.js：只有开发需要,部署不需要

**二、后台部署流程**

1. Import Group

sdn0J9 Odx 山 
ㄍ sellauueq 
dn0J9MafitJ 

**2.将jar包复制到mirth安装目录下的custom-lib文件夹**

Application (D:) 
alidayumsgjar 
Ba se64to ja r 
ExcelUtİljar 
getuİutİljar 
httpUtİljar 
SocketUdpjar 
WebSocketja r 
Program Files 
Mirth Connect 
2018/2/5 10:34 
2018/2/5 10:34 
2018/2/5 10:34 
2018/2/5 10:34 
2018/2/5 10:34 
2018/2/5 10:34 
2018/2/5 10:34 
custom-lİb 
Executable Jar File 
Executable Jar File 
Executable Jar File 
Executable Jar File 
Executable Jar File 
Executable Jar File 
Executable Jar File 
739 KB 
11,237 KB 
2,063 KB 
1,866 KB 
143 KB 

检查是否导入成功，若未导入成功，重启mirth即可：

Mirth Connect 
Dashboard 
Channels 
Users 
Settings 
Events 
Extensions 
Resources Tasks 
Refresh 
o 
Add Resource 
Reload Resource 
Other 
Notifications (3) 
View user API 
View Client API 
(S 
(S 
Server Administrator 
Resources 
Default Resource] 
Directory Settings 
Configuration Map 
Database Tasks 
Resources 
Data Pruner 
Name 
o 
About Mirth Connect 
Visit mirthcorp.com 
Report Issue 
Logout 
Directory: custom-lib 
Include All Subdirectories 
Description: 
folder in the Mirth Connect home d 
Loaded Librar 
Base64toHex.jar 
Excell_ltil. jar 
Socketl_ldp. Br 

**3.重启mirth服务**

重启之后进入“Dashboard”面板，如果通道状态为“Started”,则项目已经自动发布好，一般重启mirth服务会自动将项目发布。

Rev 
Dashboard 
Users 
*tings 
Events 
Dashboard Tasks 
(S 
Status 
tar ted 
Started 
Started 
Started 
Started 
Started 
Started 
Started 
Started 
Started 
[De fault Group] 
Alarm_Receive _ZhengCheng 
app_fr e _zhencheng 
Last Deployed 
2018-02-05 10:41 
2018-02-05 10:41 
2018-02-05 10:41 
2018-02-05 10:41 
2018-02-05 10:41 
2018-02-05 10:41 
2018-02-05 10:41 
2018-02-05 10:41 
Received 
Filtered 
Queued 
Err or ed 
Patrol 
_app 
Connecton 
Idle 
Idle 
Idle 
Idle 
Idle 
Idle 
Idle 
Idle 

**4.配置更改**

**4.1数据库地址更改**

（1）应用数据库地址更改

进入Channel面板下的Edit Code Templates菜单

Mirth Connect 
Dashboard 
Users 
tings 
Events 
Channel Tasks 
Refresh 
Redeplo y All 
Edit Global Scripts 
Edit Code Templates 
Nevi' Channel 
Import Channel 

在Code Templates列表中找到getConnection\_db方法，修改相应的数据库连接地址，登录用户名和密码

Code Templates 
enc±esString 
errorType 
； 巴 u 十 巴 n onTOk 巴 n 
getConnection 
； 巴 x 上 IFi N 已 m 巴 
g 巴 乜 sonT 巴 m 巴 t 巴 
祀 劊 qu 巴 Cod 巴 
hexCharCodeToStr 
hexToASCll 
2L 心 r 酊 s 35C0d 巴 Templates 
L 心 r 酊 不 
Type 
t ok n 
Funcbon 
on(.com/mysq1•jdbc.Driver' 
二 二 二 二 二 二 二 二 二 
二 二 二 二 二 二 二 二 二 二 二 二 
0 0 0 0 0 0 00T0 卜 上 N 
[ r 巴 加 rnForm 已 乜 son 囗 囗 囗 囗 〕 SON 囗 囗 囗 囗 囗 囗 囗 囗 囗 ] @p酊已m { S 貊 g } p 巴 囗 囗 囗 匚 
[hexCharCodeToStr 囗 囗 囗 囗 囗 囗 囗 口 { 酊 已 m {[type]}hexCharCodeStr [ 
1500 （ H 训 DAs 彐 
数 据 库 豐 录 用 户 名 
'jdbc ： mysql ： //127．2．2．1 ： 33%/firedb?useLlnicode=true&characterEncod1ng=utf-8','root' 
' 1234550 ； 
数 据 库 她 址 
数 据 库 豐 录 密 码 

（2）消息推送数据库地址更改

Enabled 
Enabled 
Enabled 
Enabled 
Enabled 
_ISON 
_ISON 
Ran 
HL7v2.x 
Ivb 
excellnput 
excel Output 
4332gge3-4bb8-4ff4-b 7fc-6bb 1895b2fc2 
c6f8d8gb-0057-4b10-b464-e3gd754f8fag 
37B 13f2a-2875-49e6-b 12e-f6b853eddbf2 
5e3c5b6f-250b-45d1-ga77-ad4cca7736c5 
1652455-dbc3-47b6-91ec-ocbf148aeeog 
lc3db745-233a-4a5a-b774-ba1575b5076c 
udp_ser vice 
wx_gettoken _bme 3e559163-70dg-4dbg-8032-Ofdagf4b 5034 

Edit Channe 
Summary Sour 
stnabons Scripts (I) 
Connector Type: Database Reader 
Polling Settings 
Schedule Type: Interval 
Poll Once on Start: C) Yes @ 
Next.ollat: ZZZ, 5, ZZ 
Source Settings 
Source Queue: 
Queue Suffer Size: 
Response: 
Process Batch: 
Satch Response: 
Max Processing Threads: 
OFF (Respond after processing) 
1000 
None 
O Yes @ No 
O First @ Last 
1000 
Database Reader Settings 
URL: O O 
roo t 
assnord: 

**4.2日志打印级别修改**

如果生产环境不把打印级别设置为最低的话日志数据很容易就会把数据库撑满

Mirth Connect 
Dashboard 
Channels 
Users 
Settings 
Events 
Extensions 
Channel Tasks 
8 
Save Changes 
Export Channel 
mirth_type 
(S 
(S 
Edit Channel - sys_common 
Summary Source Destinations Scripts 
Channel Properties 
Name: 
Data Types: 
Dependencies: 
Initial State: 
Attachment: 
Set Data Types 
Set Dependencies 
Started 
None 
Deploy Channel 
Other 
(S 
Notifications (3) 
View user API 
View Client API 
o 
About Mirth Connect 
Visit mirthcorp.com 
Report Issue 
Logout 
Message Storage 
Disabled 
Content: None 
Metadata: None 
Durable Message Delivery: 
Performance: 
Encrypt message content 
Remove content on completion Filtered only 
Remove attachments on completion 
Channel Tags 
Enabled 
Clear global channel map on deploy 
Store Attachments 
Message Pruning 
Metadata: 
o 
Store indefinitely 
Prune metadata older than 
Content: 
o 
Prune "hen message metadata is removed 
Prune content older than S 
Allow message archiving 
(incomplete, errored, and queued messages "ill not be pruned) 
mirth 
Variabl 
source 
Delete 
Custom Metadata 
Column Name 
SOURCE 
TYPE 
STRING 
STRING 

**二、前端部署流程**

**1.端口修改**

修改工程下面config文件夹下的index.js文件,配置前端访问端口。config是用来配置本地调试访问。

zc_firefighting_web —config index.js 
main.Js 
proxyTab1e: O 
V App.vue 
config 
dev.env.js 
Prod.env.js 
node modules 
account.] s 
alarm.js 
14 
15 
16 
18 
19 
// Various Dev Server settings 
localhost' , 
// can be overwritten by process. env. HOST 
host: 
port: 8889, can be overwritten by process. env. PORT, if port is in use, 
aut00penBrowser: false, 
error0ver1ay: true, 
notify0nErrors: true, 
a free one will be determined 
poll: false, // https://webpack. js. org/configuration/dev-server/#devserver-watchoptions- 

**2.代码编译**

修改项目路径下的api文件夹下的index.js文件，baseURL与mirth入口的路径保持一致。api是用来配置服务端调用访问。

**注意：如果执行npm install不成功，请先将之前编译的目录node\_modules文件夹删除**

zc_firefighting_web src 
Project • 
node modules 
account.] s 
alarm.js 
area.] s 
c. equip.Js 
Inspect.Js 
api index.js 
index.js X 
import Axios from ' axios 
—const instance = Axios. 
http://10ca1host:9000/fire/' , 
baselJRL: 
headers : 
Content-Type 
-D/ 
mil t ipart/form-data charset=UTF-8' 

Channels 
Mirth Connect 
Dashboard 
tbngs 
Events 
(S 
Status 
Enabled 
Enabled 
Enabled 
Data Type 
Ran 
Ivb 
Ilc 
fire Controller 
fire_zhengcheng 

Edit Chan 
-_zhengcheng 
Summary Source Destinabons Scripts (I) 
Connector Type: HTTP Listener 
Process Batch: 
Satch Response: 
Max Processing Threads: 
Authenbcabon Type: 
O Yes @No 
O First @ Last 
1000 
None 
HTTP Listener Settings 
Base Context Path: 
Receive Tmeout (ms): 
Message Content: 
Parse Multipart: 
Include Metadata: 
ainary MIME Types: 
HTTP URL : 
Response Content Type: 
fir e 
@ Plain Body C) XML Body 
@ ONO 
h ttp: //localhost: 9000 fire / 
text/plain 

**3.编译后的文件**

编译后的文件在工程下的dist文件夹下，index.html文件和static文件夹下的所有文件。

将打包后的文件放到tomcat的webapps目录下，启动tomcat服务（tomcat的端口不要和mirth的端口冲突，mirth如果使用了默认的8080和8443端口，tomcat不能用这2个端口号）

目录层次需要注意：index.html文件与static文件夹不在同一级目录下,在webapps目录下新建一个文件夹，比如zc,将index.html文件放到zc文件夹下，将static文件夹直接放在webapps文件夹下，浏览器访问路径如下：http://localhost:8888/zc

注意：tomcat服务可能一闪而过，此时可以编辑apache-tomcat-7.0.84\bin目录下的启动脚本文件start.bat，在脚本末尾加入

pause;

命令，保存文件，再次双击脚本启动tomcat服务就可以在控制台终端看到错误提示，比如提示未配置JAVA\_HOME环境变量，重新配置JAVA\_HOME环境变量即可解决问题。