

数据同步工具部署手册

前置条件

- 机器 Centos7 x86
- 配置 JDK1.8
- 安装 Halo 数据库
- 上传 hmt_web 迁移工具_241230.zip 文件

1. 上传文件并解压

上传打包文件到机器上

/opt/temporary				
名称	大小	类型	修改时间	属性
..				
hmt_web迁移工具_241230.zip	584.63MB	WinRAR ZI...	2024/12/30, 17:58	-rw-r--r--

解压文件

```
unzip hmt_web 迁移工具_241230.zip
```

将此 2 个文件解压到指定目录

```
tar -xvf /opt/temporary/hmt.tar.gz -C /opt/module

tar -xvf /opt/temporary/hmt-web-2.1.2.tar.gz -C /opt/module
```

/opt/module				
名称	大小	类型	修改时间	属性
..				
hmt		文件夹	2024/11/27, 15:24	drwxr-xr-x
hmt-web-2.1.2		文件夹	2024/12/20, 10:53	drwxr-xr-x

2. 创建存储库

在 Halo 中创建名为 hmt 数据库

```
psql -c "CREATE DATABASE hmt;"
```

创建名为 datax_web 的 schema

```
psql -d hmt -c "CREATE SCHEMA datax_web;"
```

执行文件下名为 datax_web 的 sql 文件

```
psql -d hmt -f /opt/temporary/datax_web.sql;
```

3. 安装 hmt-web

进入 hmt-web 目录

```
cd /opt/module/hmt-web-2.1.2
```

执行安装脚本

```
./bin/install.sh --force
```

```
[root@Halo122 hmt-web-2.1.2]# ./bin/install.sh --force
2024-12-30 05:27:41.666 [INFO] (1775) Creating directory: [/opt/module/hmt-web-2.1.2/bin/../modules].
2024-12-30 05:27:41.672 [INFO] (1775) ##### Start To Uncompress Packages #####
2024-12-30 05:27:41.674 [INFO] (1775) Uncompressing....
2024-12-30 05:27:41.679 [INFO] (1775) Uncompress package: [hmt-admin-2.1.2.1.tar.gz] to modules directory
2024-12-30 05:27:44.294 [INFO] (1775) Uncompress package: [hmt-executor-2.1.2.1.tar.gz] to modules directory
2024-12-30 05:27:44.686 [INFO] (1775) ##### Finish To Uncompress Packages #####
Scan modules directory: [/opt/module/hmt-web-2.1.2/bin/../modules] to find server under hmtweb
2024-12-30 05:27:44.690 [INFO] (1775) ##### Start To Install Modules #####
2024-12-30 05:27:44.693 [INFO] (1775) Module servers could be installed:
[hmt-admin] [hmt-executor]
2024-12-30 05:27:44.695 [INFO] (1775) Install module server: [hmt-admin]
Start to make directory
2024-12-30 05:27:44.723 [INFO] (1815) Start to build directory
2024-12-30 05:27:44.726 [INFO] (1815) Creating directory: [/opt/module/hmt-web-2.1.2/modules/hmt-admin/bin/../logs].
2024-12-30 05:27:44.760 [INFO] (1815) Directory or file: [/opt/module/hmt-web-2.1.2/modules/hmt-admin/bin/../conf] has been exist
2024-12-30 05:27:44.763 [INFO] (1815) Creating directory: [/opt/module/hmt-web-2.1.2/modules/hmt-admin/bin/../data].
end to make directory
2024-12-30 05:27:44.789 [INFO] (1775) Install module server: [hmt-executor]
2024-12-30 05:27:44.812 [INFO] (1848) Start to build directory
2024-12-30 05:27:44.814 [INFO] (1848) Creating directory: [/opt/module/hmt-web-2.1.2/modules/hmt-executor/bin/../logs].
2024-12-30 05:27:44.839 [INFO] (1848) Directory or file: [/opt/module/hmt-web-2.1.2/modules/hmt-executor/bin/../conf] has been exist
2024-12-30 05:27:44.842 [INFO] (1848) Creating directory: [/opt/module/hmt-web-2.1.2/modules/hmt-executor/bin/../data].
2024-12-30 05:27:44.869 [INFO] (1848) Creating directory: [/opt/module/hmt-web-2.1.2/modules/hmt-executor/bin/../json].
2024-12-30 05:27:44.893 [INFO] (1775) ##### Finish To Install Modules #####
[root@Halo122 hmt-web-2.1.2]#
```

4. 配置文件修改

hmt-web-2.1.2/modules/hmt-admin/conf 目录下 application.yml

注意修改 spring.datasource.url 的 ip 地址改为实际 halo 的 ip 地址，端口号、实例名如有变动也需要更改。

修改 spring.datasource.username 以及 password，改为实际的账号密码。

```
spring:
  #数据源
  datasource:
    url: jdbc:halo://192.168.174.122:1921/hmt?currentSchema=datax_web&ignore_warn=':postgresql:'
    driver-class-name: com.halo.Driver
    username: dbadmin
    password: 123456
```

修改指定日志存放路径。

```
logging:
  level:
    com.wugui.hmt.admin.mapper: error
  path: ${data.path}/applogs/admin
```

hmt-web-2.1.2/modules/hmt-executor/conf 目录下 application.yml

注意修改指定日志存放路径，以及 address 改成本机 ip 地址，端口号 9527 要和 hmt-admin 的端口一致。

末尾的 jsonpath 和 pypath 需要指定 hmt 工具包的存放路径。

```
# log config
logging:
  config: classpath:logback.xml
  path: ${data.path}/applogs/executor/jobhandler
datax:
  job:
    admin:
      addresses: http://127.0.0.1:9527
      #addresses: http://127.0.0.1:${datax.admin.port}
    executor:
      appname: datax-executor
      ip:
      #port: 9999
      port: ${executor.port:9999}
      ### job log path
      logpath: ${data.path}/applogs/executor/jobhandler
      ### job log retention days
      logretentiondays: 30
      ### job, access token
      accessToken:

  executor:
    jsonpath: /software/hmt/hmt/bin/

  pypath: /software/hmt/hmt/bin/datax.py
```

5. 启动迁移工具服务

进入 hmt-web 目录

```
cd /opt/module/hmt-web-2.1.2/
```

启动服务

```
./bin/start-all.sh 启动服务 ./bin/stop-all.sh 关闭服务
```

```
[root@Halo122 hmt-web-2.1.2]# ./bin/start-all.sh
2024-12-30 05:40:48.861 [INFO] (1956) Try To Start Modules In Order
2024-12-30 05:40:48.869 [INFO] (1964) ##### Begin To Start Module: [hmt-admin] #####
2024-12-30 05:40:48.875 [INFO] (1972) load environment variables
2024-12-30 05:40:49.283 [INFO] (1972) /opt/module/jdk1.8.0_151/bin/java
2024-12-30 05:40:49.285 [INFO] (1972) Waiting HMT-ADMIN to start complete ...
2024-12-30 05:40:49.608 [INFO] (1972) HMT-ADMIN start success
2024-12-30 05:40:49.617 [INFO] (2167) ##### Begin To Start Module: [hmt-executor] #####
2024-12-30 05:40:49.622 [INFO] (2175) load environment variables
2024-12-30 05:40:50.156 [INFO] (2175) /opt/module/jdk1.8.0_151/bin/java
2024-12-30 05:40:50.158 [INFO] (2175) Waiting HMT-EXEXUTOR to start complete ...
2024-12-30 05:40:50.679 [INFO] (2175) HMT-EXEXUTOR start success
```

验证服务是否启动成功，如果出现以下 2 个服务则代表成功

```
jps
```

```
[root@Halo122 hmt-web-2.1.2]# jps
2432 Jps
2387 HmtExecutorApplication
2133 HmtAdminApplication
```

在浏览器输入 <http://ip:9527/index.html>，默认管理员账号是 admin 密码
123456