**6-4 | 服务日志的规范化**

**补充**

之前的DockerFile做了些修改，增加了在启动之初可以注入JVM参数的功能：

|  |
| --- |
| SQL FROM openjdk:17-jdk-alpine VOLUME /tmp ADD qiyu-live-user-provider-docker.jar app.jar ENV JAVA\_OPTS="\ -server \ -Xmx1g \ -Xms1g \ -Xmn256m" ENTRYPOINT java ${JAVA\_OPTS} -Djava.security.egd=file:/dev/./urandom --add-opens=java.base/java.lang=ALL-UNNAMED --add-opens=java.base/java.io=ALL-UNNAMED --add-opens=java.base/java.util=ALL-UNNAMED --add-opens=java.base/java.util.concurrent=ALL-UNNAMED --add-opens=java.rmi/sun.rmi.transport=ALL-UNNAMED --add-opens=java.base/java.lang.reflect=ALL-UNNAMED --add-opens=java.base/java.util=ALL-UNNAMED --add-opens=java.base/java.math=ALL-UNNAMED -jar app.jar |

**日志输出配置文件**

logback.xml

|  |
| --- |
| SQL <?xml version="1.0" encoding="UTF-8"?> <configuration>   <springProperty name="APP\_NAME" scope="context" source="spring.application.name" defaultValue="undefined"/>  <define name="index" class="org.qiyu.live.common.utils.IpLogConversionRule"/>  <property name="LOG\_HOME" value="/tmp/logs/${APP\_NAME}/${index}"/>  <property name="LOG\_PATTERN" value="[%d{yyyy-MM-dd HH:mm:ss.SSS} -%5p] %-40.40logger{39} :%msg%n"/>   <appender name="CONSOLE" class="ch.qos.logback.core.ConsoleAppender">  <layout class="ch.qos.logback.classic.PatternLayout">  <pattern>${LOG\_PATTERN}</pattern>  </layout>  </appender>   <appender name="INFO\_FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">  <file>${LOG\_HOME}/${APP\_NAME}.log</file>  <rollingPolicy class="ch.qos.logback.core.rolling.TimeBasedRollingPolicy">  <fileNamePattern>${LOG\_HOME}/${APP\_NAME}.log.%d{yyyy-MM-dd}</fileNamePattern>  <maxHistory>7</maxHistory>  </rollingPolicy>  <layout class="ch.qos.logback.classic.PatternLayout">  <pattern>${LOG\_PATTERN}</pattern>  </layout>  </appender>   <appender name="ERROR\_FILE" class="ch.qos.logback.core.rolling.RollingFileAppender">  <file>${LOG\_HOME}/${APP\_NAME}\_error.log</file>  <rollingPolicy class="ch.qos.logback.core.rolling.TimeBasedRollingPolicy">  <fileNamePattern>${LOG\_HOME}/${APP\_NAME}\_error.log.%d{yyyy-MM-dd}</fileNamePattern>  <maxHistory>7</maxHistory>  </rollingPolicy>  <layout class="ch.qos.logback.classic.PatternLayout">  <pattern>${LOG\_PATTERN}</pattern>  </layout>  <filter class="ch.qos.logback.classic.filter.LevelFilter">  <level>error</level>  <onMismatch>DENY</onMismatch>  </filter>  </appender>   <!-- 根输出级别为INFO，控制台中将出现包含info及以上级别的日志-->  <!-- 日志输出级别 -->  <root level="INFO">  <!-- ref值与上面的appender标签的name相对应 -->  <appender-ref ref="CONSOLE" />  <appender-ref ref="INFO\_FILE" />  <appender-ref ref="ERROR\_FILE" />  </root> </configuration> |

启动命令：

|  |
| --- |
| SQL docker run  -p 9090:9090  --name qiyu-live-user-provider  -d -v /tmp/logs/qiyu-live-user-provider:/tmp/logs/qiyu-live-user-provider  --add-host 'hahhome:47.120.12.106'  --add-host 'nacos.server:192.168.111.1' -e TZ=Asia/Shanghai  qiyu-live-user-provider-docker:1.0.3 |

docker run -p 9090:9090 --name qiyu-live-user-provider -d -v /tmp/logs/qiyu-live-user-provider:/tmp/logs/qiyu-live-user-provider --add-host 'hahhome:47.120.12.106' --add-host 'nacos.server:192.168.111.1' -e TZ=Asia/Shanghai qiyu-live-user-provider-docker:1.0.3

注意 上方的--add-host是往docker容器内初始化host用的，然后-e的TZ=Asia/Shanghai 是设置时区，这里我是设置为了上海的时区。