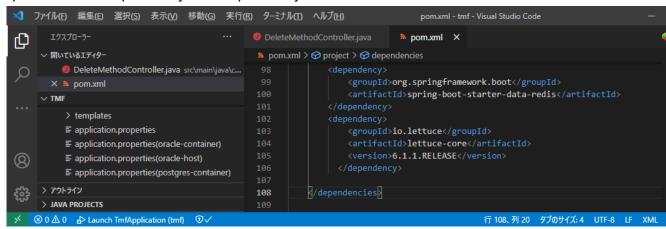
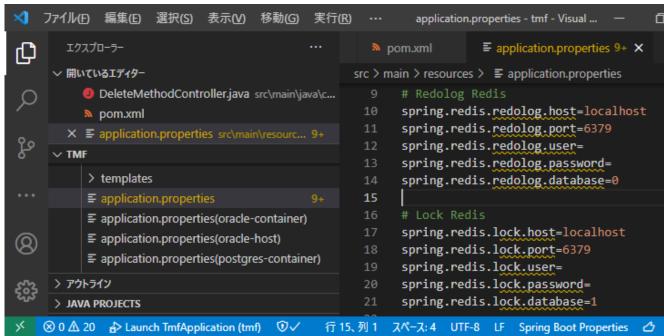
<u>ホストのJavaからコンテナのRedisへの接続</u>

1. Redisの設定

a. 「pom.xml」に「<dependency>~</dependency>」を追記。



b. application.propertiesのを以下のように修正。



c. ソースを以下のように修正

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                                                                                                  RedologConnectionFactory.java - tmf - Visual Studio Code
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                                                                                                                             RedologConnectionFactory.java ×
                                                   src > main > java > com > example > tmf > 🤨 RedologConnectionFactory.java > ધ RedologConnectionFactory > 🔗 user
      ∨ 開いているエディタ-
          DeleteMethodController.iava src\main\iava\c..
          nom.xml

■ application.properties src\main\resourc... 9+

                                                          import org.springframework.context.annotation.Primary;
import org.springframework.data.redis.connection.RedisStandaloneConfiguration;
           GetMethodController.java

    LockConnectionFactory.java

PatchPutMethodController.java
          PostMethodController.java
          RedologConnectionFactory.javaRedologRedisTemplate.java
                                                              // application.propertiesの値を設定
@Value("${spring.redis.redolog.host}") String host;

    ResData.java

                                                              @value( \{\spring.redis.redolog.nost\} ) String nost,
@value(\$\spring.redis.redolog.port\}") Int port;
@value(\$\spring.redis.redolog.user\") String user;
@value(\$\spring.redis.redolog.password\") String password;
@value(\$\spring.redis.redolog.database\") int database;
ىك

    ServletInitializer.java

          TmfApplication.java
          WebUtil.iava
          > static
                                                               @Bean
          > templates
                                                               @Primary
                                                               public LettuceConnectionFactory redologLettuceConnectionFactory(){

    ■ application.properties(oracle-container)

■ application.properties(oracle-host)

                                                                   RedisStandaloneConfiguration redisStandaloneConfiguration = new RedisStandaloneConfiguration(host, port);
           ■ application.properties(postgres-container)

    ■ application.properties(postgres-host)

                                                                   redisStandaloneConfiguration.setUsername(user):
                                                                   redisStandaloneConfiguration.setPassword(password):
        > classes
        > generated-sources
                                                                   redisStandaloneConfiguration.setDatabase(database):
        > generated-test-sources
                                                                   return new LettuceConnectionFactory(redisStandaloneConfiguration);
     > JAVA PROJECTS
     > MAVEN
      > SPRING BOOT DASHBOARD
                                                                                                                                         行 19、列 56 タブのサイズ: 4 UTF-8 CRLF Java 🖒
     ファイル(E) 編集(E) 選択(S) 表示(M) 移動(G) 実行(R) ターミナル(I) ヘルプ(H)
                                                                                                          RedologRedisTemplate.java - tmf - Visual Studio Code

■ application.properties 9+

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       ∨ 開いているエディター
                                                               src > main > java > com > example > tmf > 🧶 RedologRedisTemplate.java > 😭 RedologRedisTemplate > 🥱 getRedologF
             DeleteMethodController.java src\main\java\c...
 Q
                                                                       import org.springframework.beans.factory.annotation.Autowired;
             ≡ application.properties src\main\resourc... 9+
                                                                       import org.springframework.beans.factory.annotation.Qualifier;
          × ● RedologRedisTemplate.java src\main\java\co...
                                                                       import org.springframework.context.annotation.Bean;

✓ TMF

                                                                       import org.springframework.context.annotation.Configuration;
              GetMethodController.java
                                                                       import\ org. spring framework. data. red is. connection. let tuce. Let tuce Connection Factory;
             LockConnectionFactory.iava
              LockDatabase.java
                                                                        import\ org. spring framework. data. red is. serializer. Jdk Serialization Red is Serializer;
G
             LockRedisTemplate.java
                                                                        import\ org.spring framework.data.red is.serializer. String Red is Serializer;
             PatchPutMethodController.java
             PostMethodController.java
             Redolog.java
             RedologConnectionFactory.java

    RedologRedisTemplate.java

                                                                       @Configuration
             ResData.java
                                                                       public class RedologRedisTemplate{
             ServletInitializer.iava
             TmfApplication.java
                                                                             @Qualifier("redologLettuceConnectionFactory")
             TmfController.iava
                                                                             private LettuceConnectionFactory lettuceConnectionFactory;
             TmfException.java
             WebUtil.java
             > static
                                                                             @Bean
             > templates
                                                                             public RedisTemplate<String, Redolog> getRedologRedisTemplate()[
             ■ application.properties

    ■ application.properties(oracle-container)

                                                                                  RedisTemplate<String, Redolog> redisTemplate = new RedisTemplate<>();

■ application.properties(oracle-host)

                                                                                  redisTemplate.setConnectionFactory (lettuceConnectionFactory);\\

≡ application.properties(postgres-container)

                                                                                  redisTemplate.setKeySerializer(new StringRedisSerializer());

    ■ application.properties(postgres-host)

                                                                                  redisTemplate.setValueSerializer(new JdkSerializationRedisSerializer());
                                                                                  redisTemplate.setHashKeySerializer(redisTemplate.getKeySerializer());
          > test
                                                                                  redisTemplate.setHashValueSerializer(redisTemplate.getValueSerializer());

✓ target

                                                                                  return redisTemplate;
       > JAVA PROJECTS
       > MAVEN
       > SPRING BOOT DASHBOARD
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                                                                                            TmfController.java - tmf - Visual Studio Code
        エクスプローラー

    ■ application.properties 9+

                                                                                                                               ■ TmfController.java ×
中
      ∨ 開いているエディター
                                                       src > main > java > com > example > tmf > ● TmfController.java > 😝 TmfController > ᢒ lockStringRedisTempl
           DeleteMethodController.java src\main\java\c...
Q
           nom.xml
                                                              import javax.servlet.http.HttpServletRequest;
                                                              @RestController
          RedologRedisTemplate.java src\main\java\co...
                                                              @RequestMapping("/" + ApiVersion.version + "/" + DatabaseDefine.tableName)
                                                              public class TmfController{

✓ java\com\example\tmf

           ApiVersion.java
                                                                   @Value("${rdbms.databaseproduct}") String databaseproduct;
@Value("${rdbms.twoPhaseCommit}") boolean twoPhaseCommit;
ConfirmCancelMethodController.java
           ConnectionPoolcopy.javaControllerExceptionHandler.java
           Database.java
                                                                   @Autowired
                                                                   private PoolDataSource poolDataSource;

    DatabaseDefine.java

Д
           DeleteMethodController.java
           FetchData.java
                                                                   @Autowired
           GetMethodController.java
                                                                   @Qualifier("getLockRedisTemplate")

    LockConnectionFactory.java

                                                                   private StringRedisTemplate lockStringRedisTemplate;
           LockDatabase.javaLockRedisTemplate.java
           PatchPutMethodController.iava
                                                                   @Autowired
                                                                   @Qualifier("getRedologRedisTemplate")
     > アウトライン
                                                                   private RedisTemplate<String, Redolog> redologRedisTemplate;
      > JAVA PROJECTS
     > MAVEN
      > SPRING BOOT DASHBOARD
                                                               // confirm handler
    ⊗ 0 🛆 20 🖈 Launch TmfApplication (tmf) 👽 🗸
                                                                                                      行42、列39 スペース:4 UTF-8 CRLF Java 🖒 JavaS
```