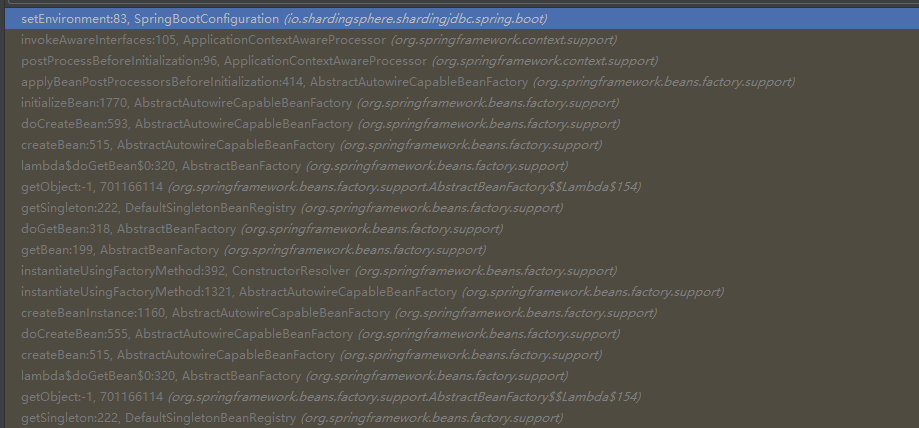
# Sharding-jdbc-datasource



## Role-config

YamlShardingRuleConfiguration

ShardingDataSource

ShardingConnection

ShardingPreparedStatement

BatchPreparedStatementExecutor

SQLExecuteTemplate

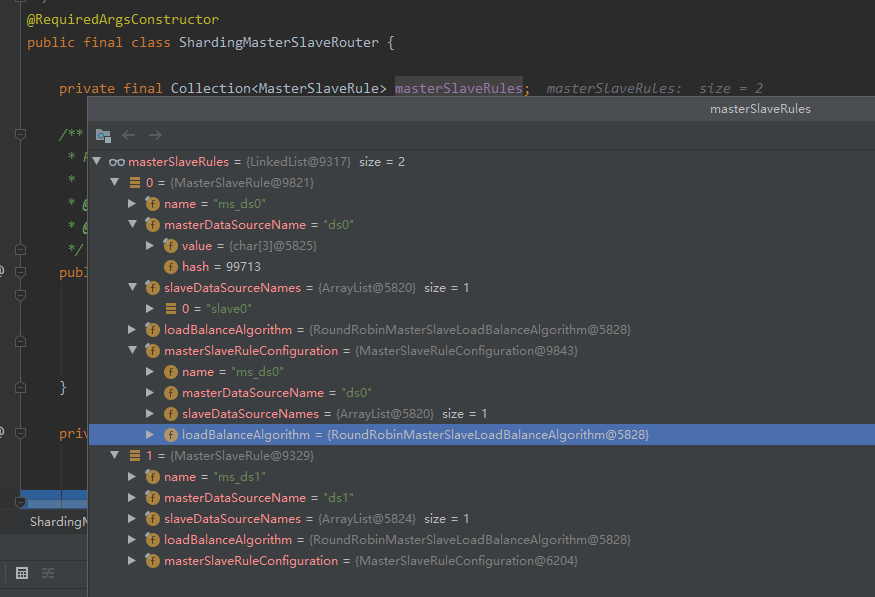
算法:

RoundRobinMasterSlaveLoadBalanceAlgorithm

Sql路由：

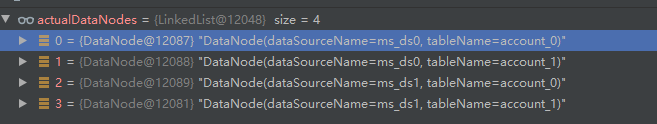
PreparedStatementRoutingEngine

## ShardingMasterSlaveRouter

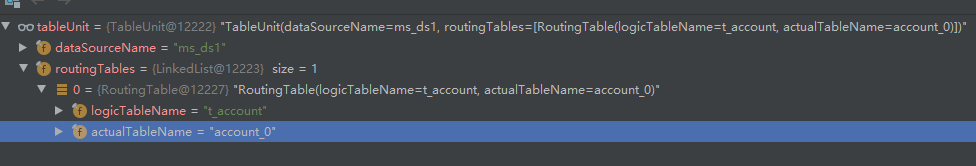


## actualDataNodes

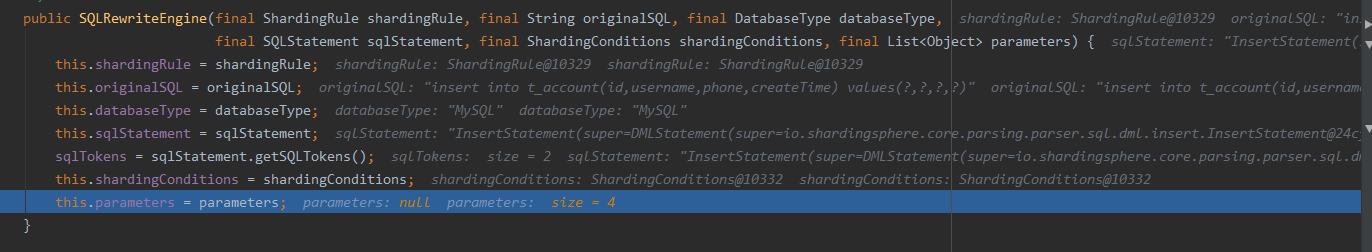
actual-data-nodes: ms\_ds$->{0..1}.account\_$->{0..1}



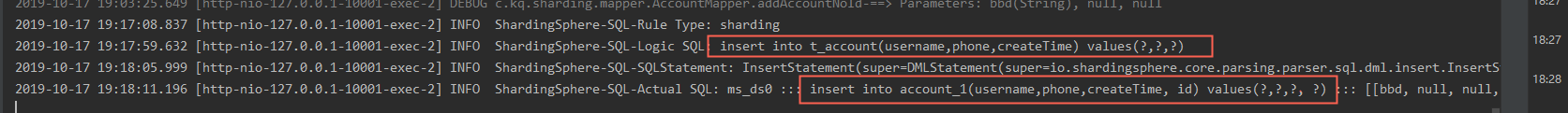
## TableUnit



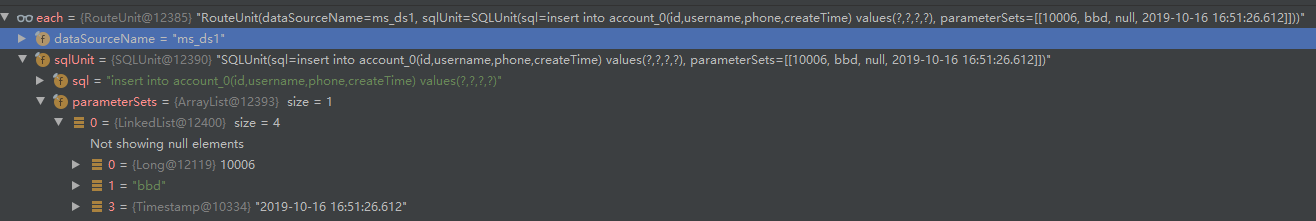
## SQLRewriteEngine



## SQLLogger



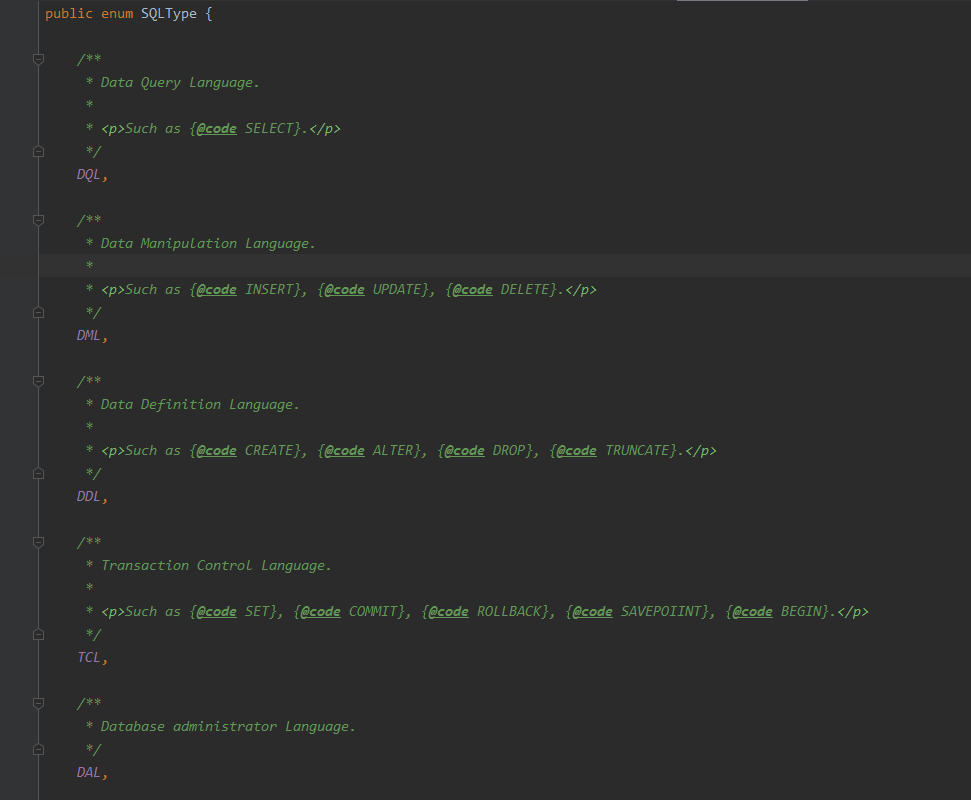
## RouteUnit



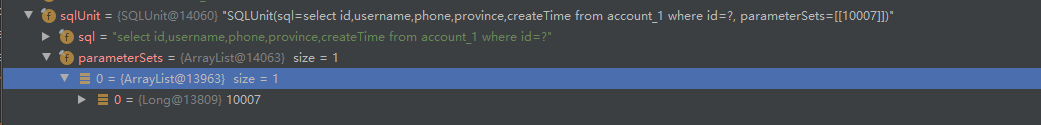
## PreparedStatementExecutor

### Execute

## SQLType



## SQLUnit



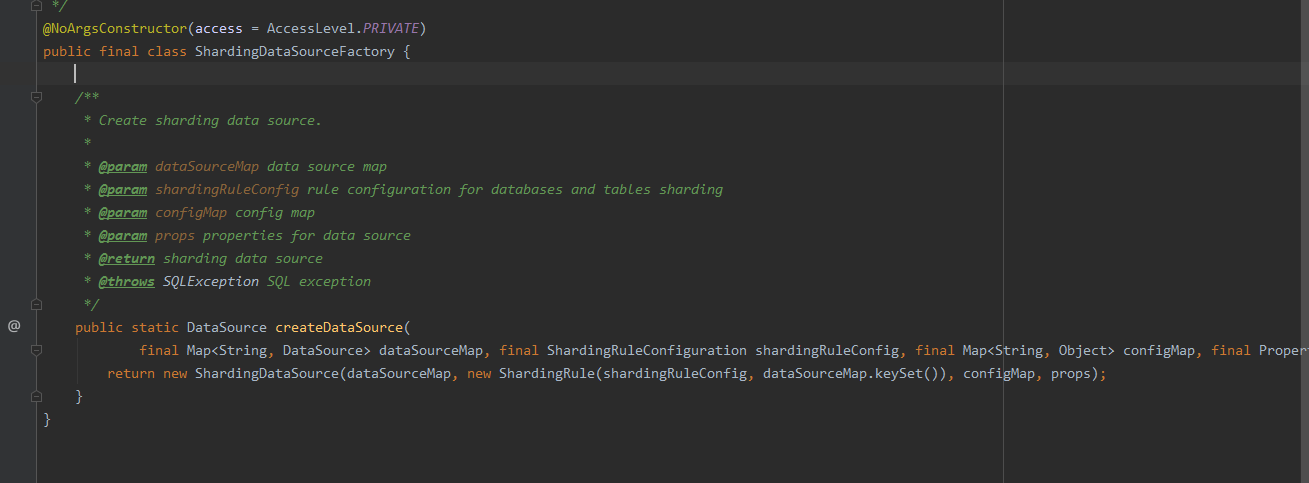
## SQLExecuteTemplate

## ShardingExecuteGroup

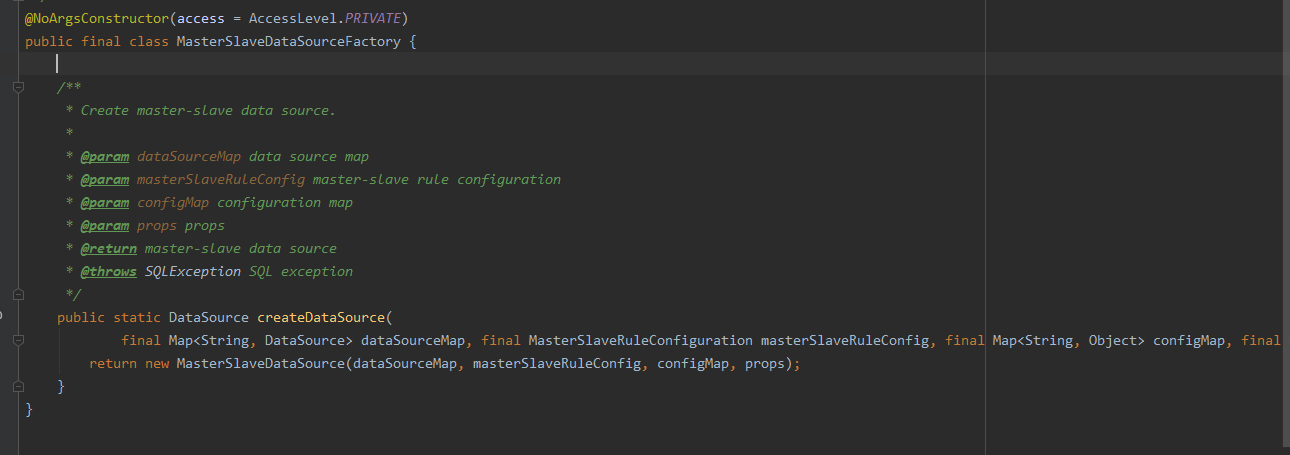


## DataSourceFactory（DataSource工厂）

### ShardingDataSourceFactory

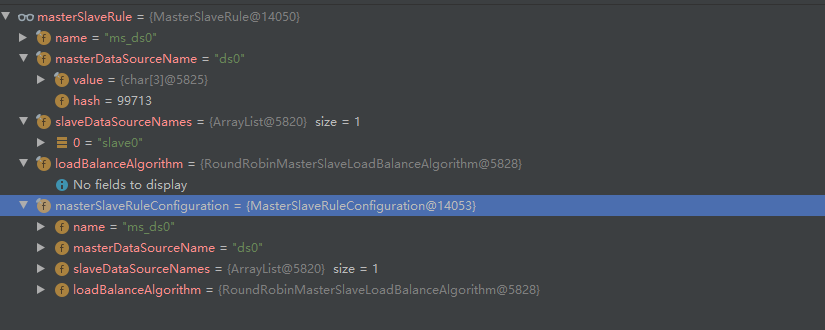


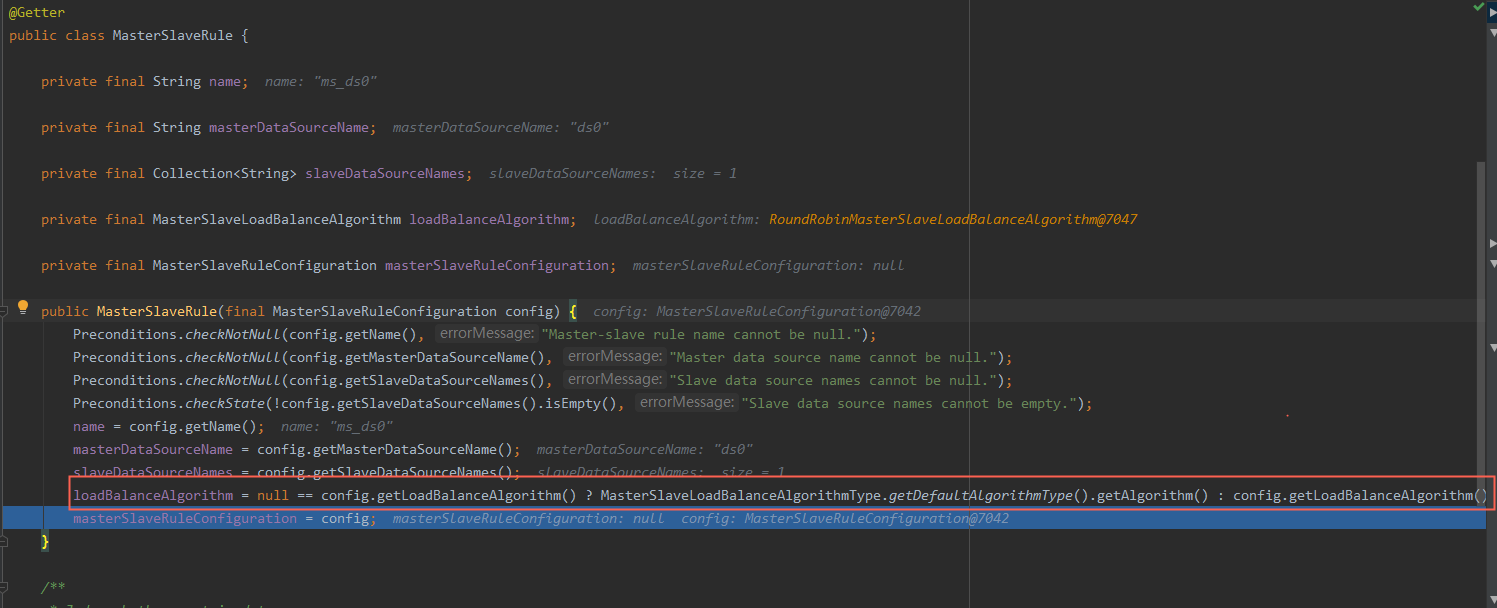
### MasterSlaveDataSourceFactory



## Algorithm

### MasterSlaveRule



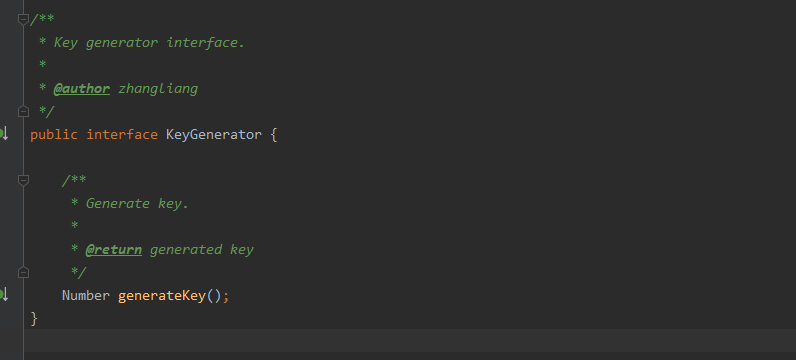


默认使用 RoundRobinMasterSlaveLoadBalanceAlgorithm

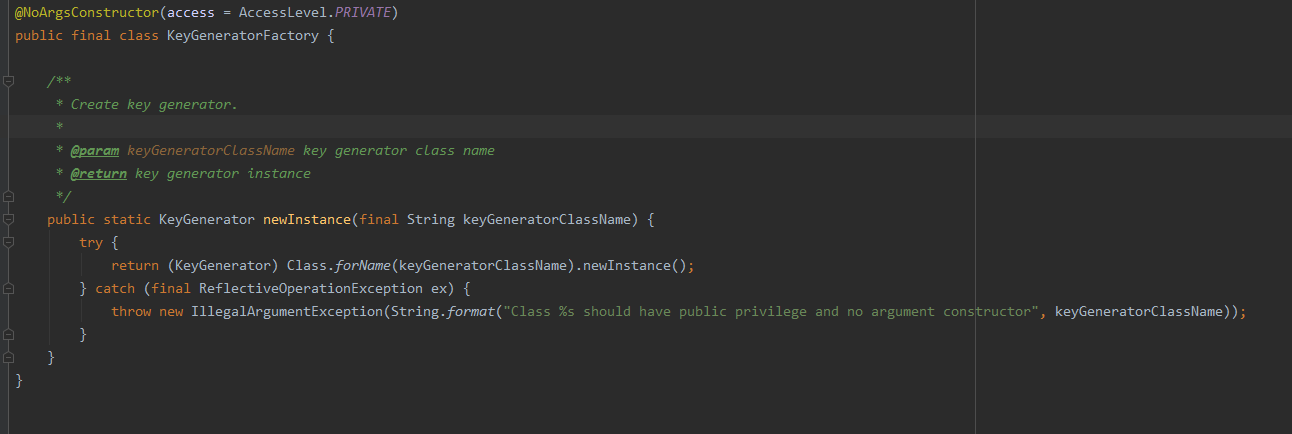
## 主键规则

V3默认是雪花算法，可以自己制定生成主键规则

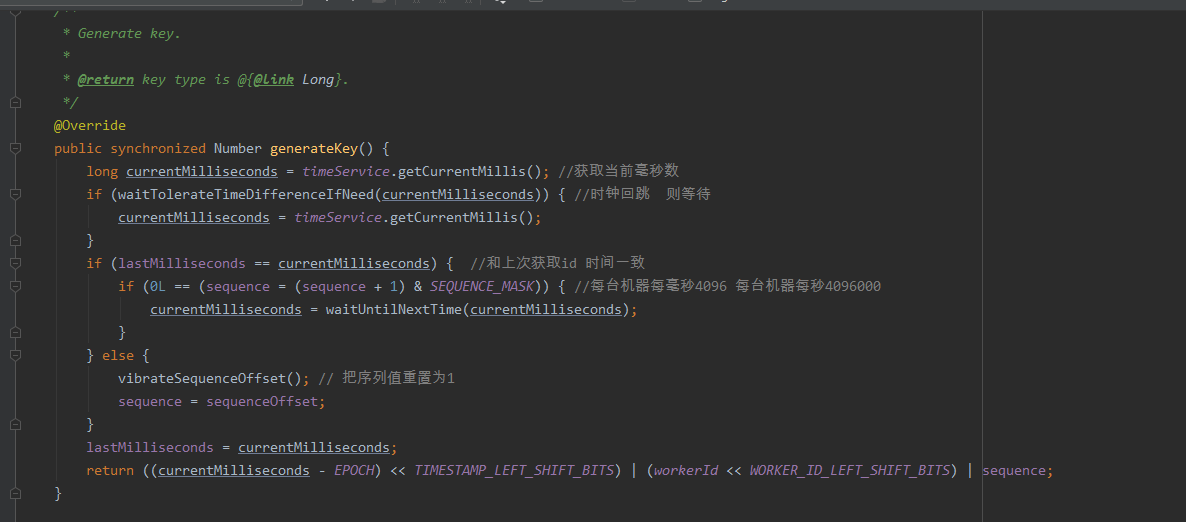
### KeyGenerator



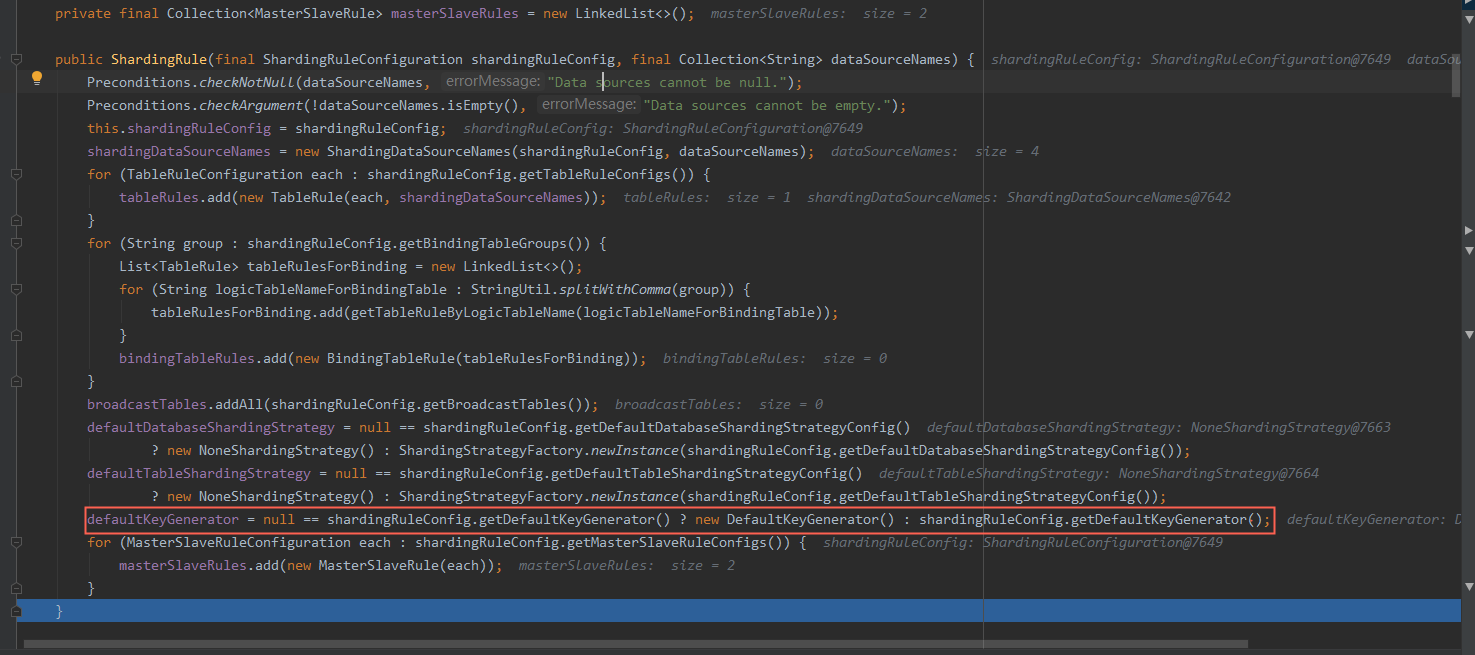
### KeyGeneratorFactory



### DefaultKeyGenerator

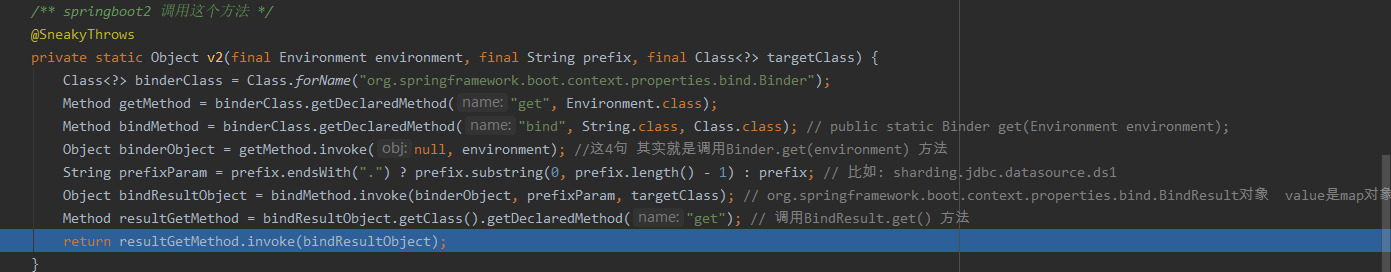


### 默认策略



defaultKeyGenerator如果为空，则初始化DefaultKeyGenerator

## PropertyUtil



获取datasource转成map

## YamlShardingStrategyConfiguration

### 策略构建

Datasource策略构建

Table策略构建

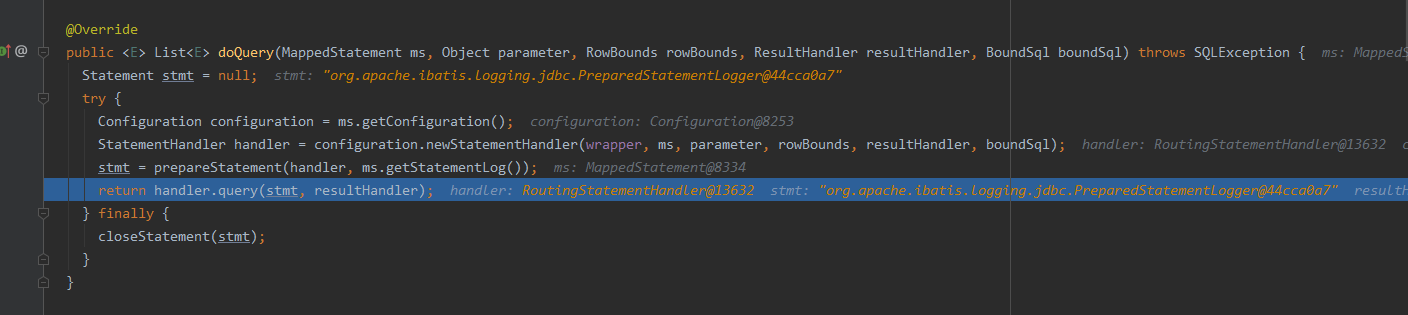
## SQLBuilder

# Mybatis

SqlSessionTemplate

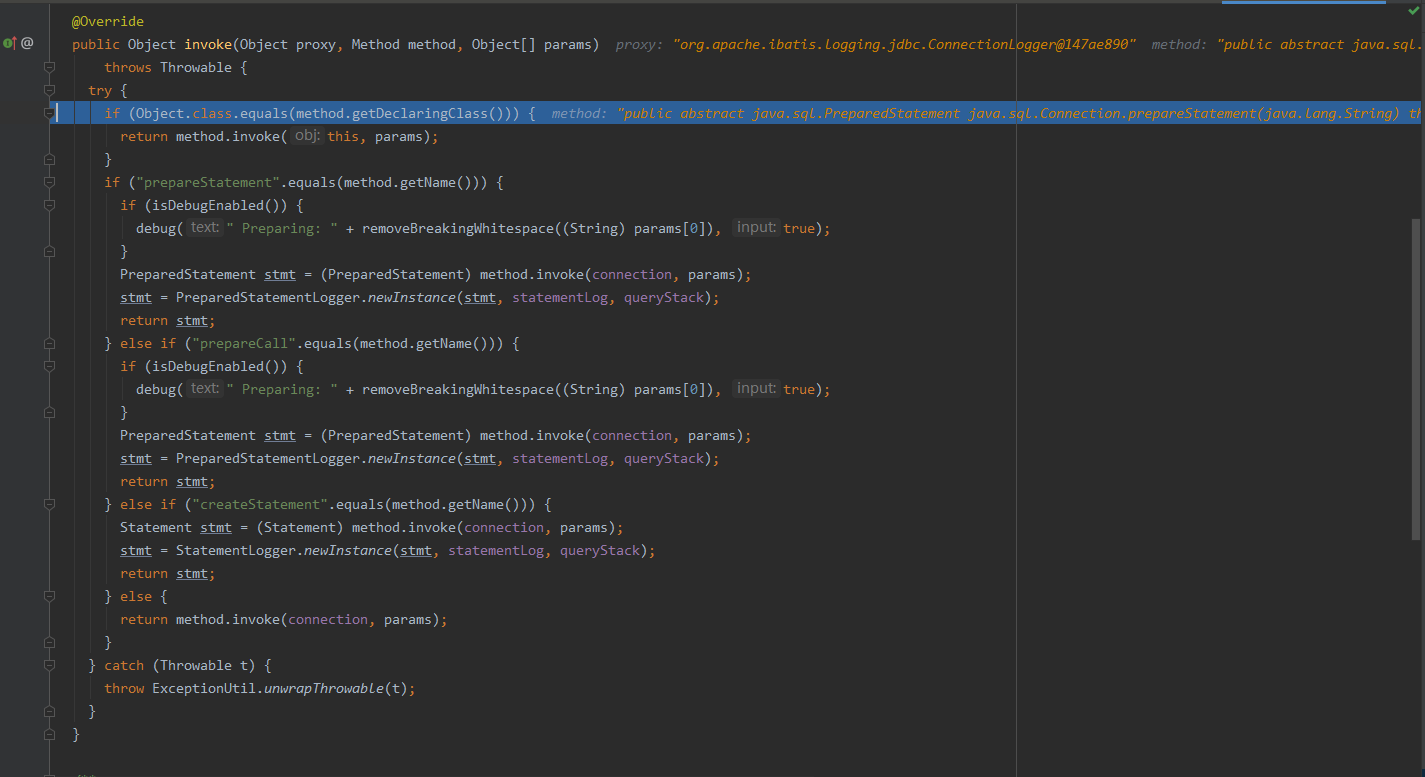
## SimpleExecutor

### doQuery



## ConnectionLogger

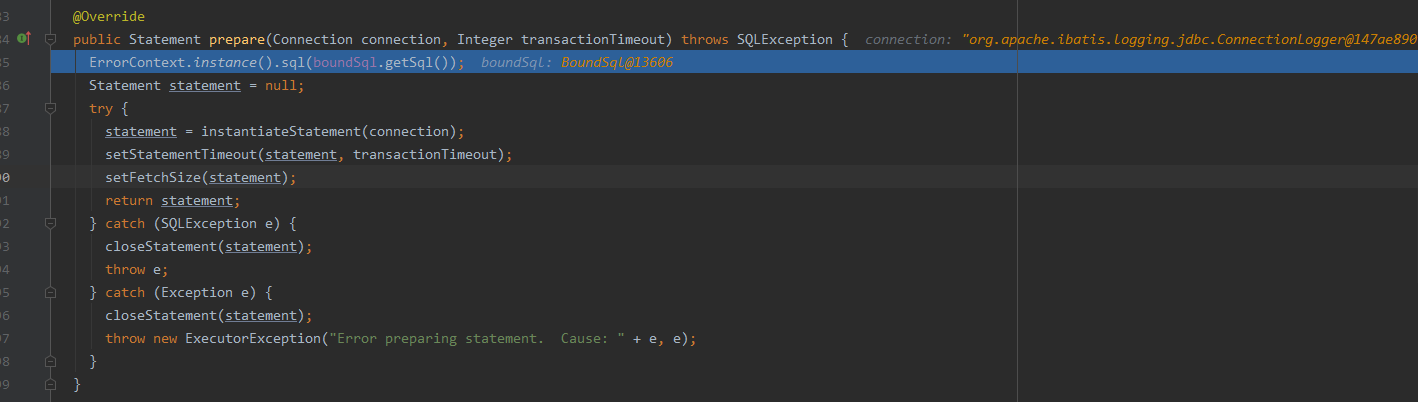
### Invoke



MappedStatement

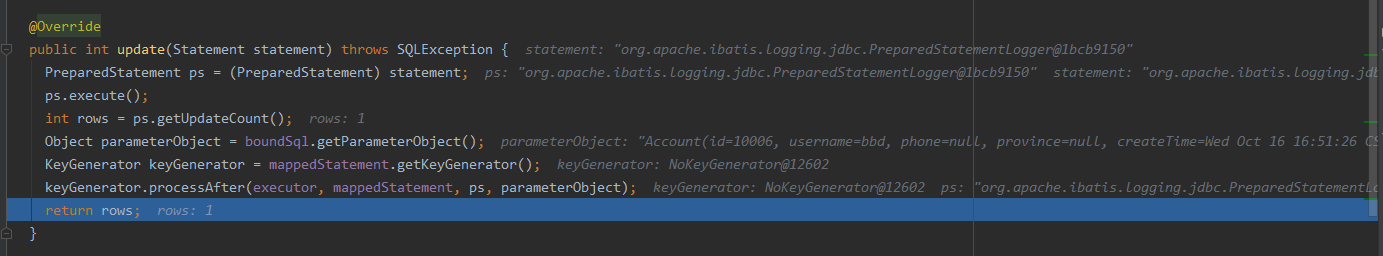
## BaseStatementHandler

### Prepare

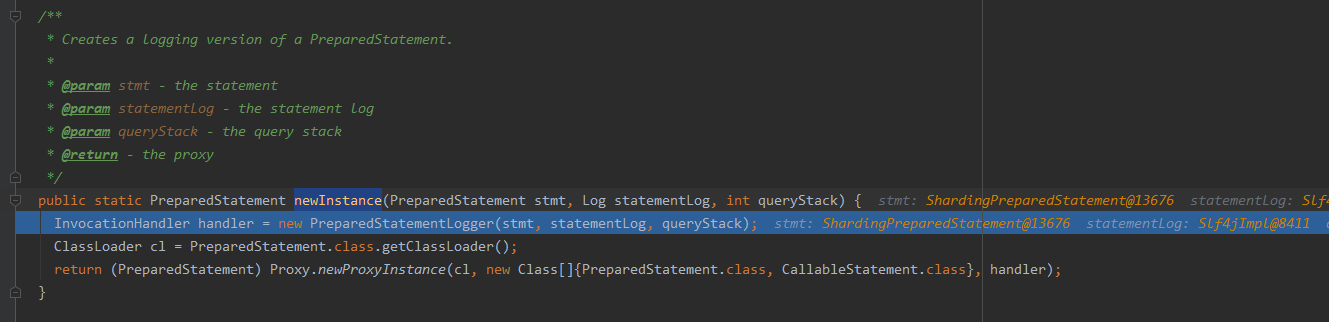


## PreparedStatementHandler

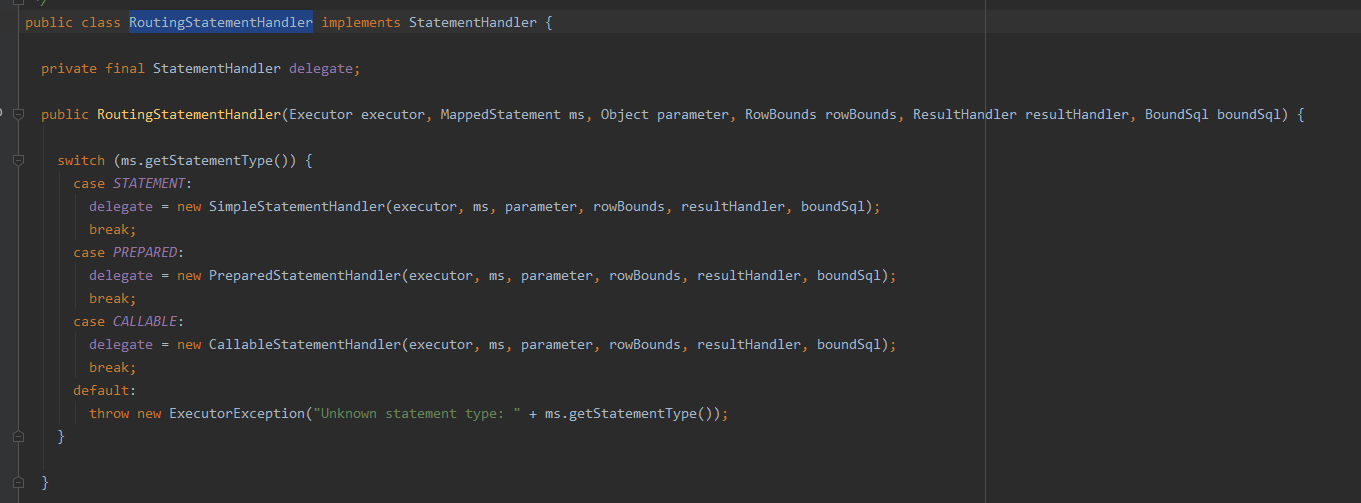
### update



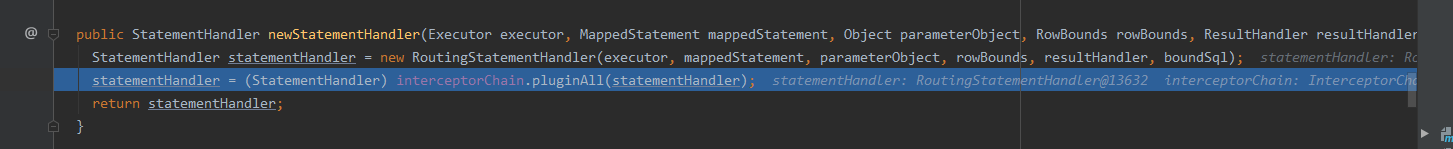
### newInstance



## RoutingStatementHandler



## Configuration



## InterceptorChain

