

1 #{} \${}

2 Mybatis #{} sql #{} ? PreparedStatement set

3 Mybatis \${} \${}

4 #{} SQL

7 Mybatis ORM
Hibernate ORM Hibernate
Mybatis
ORM
sql

8 Mybatis

1 Mybatis association collection association
collection Mybatis
lazyLoadingEnabled=true|false

2 CGLIB
a.getB().getName() invoke() a.getB() null
B sql B a.setB(b) a
b a.getB().getName()

9 MyBatis Hibernate

1 Mybatis hibernate ORM MyBatis
Sql mybatis XML sql
java sql java

2 Mybatis sql sql

mybatis
sql

3 Hibernate /

hibernate

Hibernate

O/R

Hibernate

10 MyBatis

1 MyBatis sql Java XML

2 MyBatis JDBC API Java Bean
Java

3 MyBatis sql
sql Hibernate orm

11 Mybatis Xml Mybatis
Mybatis Xml All-In-One Configuration
Xml <parameterMap> ParameterMap
ParameterMapping <resultMap> ResultMap
ResultMapping <select> <insert> <update> <delete>
MappedStatement sql BoundSql

12 MyBatis ,
MyBatis , SQL ,
SqlSession

13 , ?
@Select@Update Sql , xml SQL
xml namespace .

14 , xml SQL , xml ,
Sql , SQL , xml ,
xml

15 MyBatis ?
resultMap
association ;
id, association ,
select

16 Mybatis

Mybatis

selectOne() selectList()

selectOne() selectList()

sql

join

A B sql

17 MyBatis Sql ? ?

MyBatis Sql if , OGNL ,

, where,trim ,where and or , where,

,trim and or

18 Mybatis sql

<resultMap>

sql T_NAME AS NAME

name Mybatis

T_NAME AS NaMe Mybatis

Mybatis

19 Xml select|insert|updae|delete

<resultMap> <parameterMap> <sql> <include>

<selectKey> sql 9

trim|where|set|foreach|if|choose|when|otherwise|bind <sql> sql

<include> sql <selectKey>

20 pojo

1 sql

2 <resultMap>

21 like

1 java #{}

2 Sql Sql


```
2      @param      :      xml      #{name}
```

```
32  resultType resultMap
```

1	resultType	Pojo
---	------------	------

2	resultMap	Pojo
---	-----------	------

33 MyBatis mapper

```
1 Mapper mapper.xml sql id
```

2 Mapper	mapper.xml	sql	parameterType
----------	------------	-----	---------------

```
3 Mapper                                mapper.xml                                sql    resultType
```

```
4  Mapper.xml           namespace    mapper
```

34 Mybatis IBatis

```
1      ,      sql      xml      Sql
```

```
2      sql              OGNL      3      ,
association,          collection ,      resultMap
```

```

35  IBatis    MyBatis
      IBatis    SqlMapClient,MyBatis    SqlSession

```

36 IBatis MyBatis

```
1 sql # # #{ }
```

$$2 \quad \$ \quad \$ \quad \$\{ \quad \}$$

```
3      sql      class      type
```

```
4      queryForObject queryForList      selectOne selectList5
```

