

# Flinkx RDB实例脚本

## 基本示例

## 基本提交脚本

```
1 bin/flinkx -mode yarn -job /Users/yanghuai/Desktop/a.json -pluginRoot /Users/yangh
```

## 任务脚本

```
1 {
2   "job" : {
3     "content" : [ {
4       "reader" : {
5         "parameter" : {
6           "column" : [ {
7             "name" : "id",
8             "type" : "INT",
9             "key" : "id"
10          }, {
11            "name" : "name",
12            "type" : "VARCHAR",
13            "key" : "name"
14          }, {
15            "name" : "age",
16            "type" : "INT",
17            "key" : "age"
18          }, {
19            "name" : "birthday",
20            "type" : "DATETIME",
21            "key" : "birthday"
22          }, {
23            "name" : "desc",
24            "type" : "VARCHAR",
```

```
25         "key" : "desc"
26     }],
27     "password" : "rootroot",
28     "username" : "root",
29     "connection" : [ {
30         "jdbcUrl" : [ "jdbc:mysql://192.168.106.110:3306/dujie" ],
31         "table" : [ "user" ]
32     } ]
33 },
34     "name" : "mysqlreader"
35 },
36 "writer" : {
37     "parameter" : {
38         "column" : [ {
39             "name" : "id",
40             "type" : "NUMBER",
41             "key" : "id"
42         }, {
43             "name" : "name",
44             "type" : "VARCHAR2",
45             "key" : "name"
46         }, {
47             "name" : "age1",
48             "type" : "VARCHAR2",
49             "key" : "age1"
50         }, {
51             "name" : "birthday",
52             "type" : "TIMESTAMP",
53             "key" : "birthday"
54         }, {
55             "name" : "desc",
56             "type" : "VARCHAR2",
57             "key" : "desc"
58         } ],
59         "username" : "roma_logminer",
60         "password" : "abc123",
61         "connection" : [ {
62             "jdbcUrl" : "jdbc:oracle:thin:@172.16.100.42:1521:ORCL",
63             "table" : [ "user" ]
64         } ],
65         "writeMode" : "insert"
66     },
67     "name" : "oraclewriter"
68 }
69 } ],
70 "setting" : {
```

```
71     "restore" : {
72         "maxRowNumForCheckpoint" : 0,
73         "isRestore" : false,
74         "restoreColumnName" : "",
75         "restoreColumnIndex" : 0
76     },
77     "errorLimit" : {
78         "record" : 100
79     },
80     "speed" : {
81         "bytes" : 0,
82         "channel" : 1
83     }
84 }
85 }
86 }
```

## 脏数据配置

dirty 脏数据管理配置

- path 脏数据文件位置
- hadoopConfig hadoop配置

```
1 {
2     "job": {
3         "content": [
4             {
5                 "reader": {
6                     "parameter": {
7                         "column": [
8                             {
9                                 "name": "id",
10                                "type": "INT",
11                                "key": "id"
12                            },
13                            {
14                                "name": "name",
15                                "type": "VARCHAR",
16                                "key": "name"
17                            }
18                        ]
19                    }
20                }
21            }
22        ]
23    }
24 }
```

```
19         "name": "age",
20         "type": "INT",
21         "key": "age"
22     },
23     {
24         "name": "birthday",
25         "type": "DATETIME",
26         "key": "birthday"
27     },
28     {
29         "name": "desc",
30         "type": "VARCHAR",
31         "key": "desc"
32     }
33 ],
34 "password": "rootroot",
35 "username": "root",
36 "connection": [
37     {
38         "jdbcUrl": [
39             "jdbc:mysql://192.168.106.110:3306/dujie"
40         ],
41         "table": [
42             "user"
43         ]
44     }
45 ]
46 },
47 "name": "mysqlreader"
48 },
49 "writer": {
50     "parameter": {
51         "column": [
52             {
53                 "name": "id",
54                 "type": "NUMBER",
55                 "key": "id"
56             },
57             {
58                 "name": "name",
59                 "type": "VARCHAR2",
60                 "key": "name"
61             },
62             {
63                 "name": "age1",
64                 "type": "VARCHAR2",
```

```
65         "key": "age1"
66     },
67     {
68         "name": "birthday",
69         "type": "TIMESTAMP",
70         "key": "birthday"
71     },
72     {
73         "name": "desc",
74         "type": "VARCHAR2",
75         "key": "desc"
76     }
77 ],
78 "username": "roma_logminer",
79 "password": "abc123",
80 "connection": [
81     {
82         "jdbcUrl": "jdbc:oracle:thin:@172.16.100.42:1521:ORCL",
83         "table": [
84             "user"
85         ]
86     }
87 ],
88 "writeMode": "insert"
89 },
90 "name": "oraclewriter"
91 }
92 }
93 ],
94 "setting": {
95     "dirty": {
96         "path": "hdfs://ns/dirty",
97         "hadoopConfig": {
98             "fs.defaultFS": "hdfs://ns",
99             "dfs.ha.namenodes.ns": "nn1,nn2",
100             "dfs.namenode.rpc-address.ns.nn2": "flinkx2:9000",
101             "dfs.client.failover.proxy.provider.ns": "org.apache.hadoop.hdfs.server.",
102             "dfs.namenode.rpc-address.ns.nn1": "flinkx1:9000",
103             "dfs.nameservices": "ns"
104         }
105     },
106     "restore": {
107         "maxRowNumForCheckpoint": 0,
108         "isRestore": false,
109         "restoreColumnName": "",
110         "restoreColumnIndex": 0
```

```
111     },
112     "errorLimit": {
113         "record": 100
114     },
115     "speed": {
116         "bytes": 0,
117         "channel": 1
118     }
119 }
120 }
121 }
```

## 多通道示例

channel:任务数量

splitKey:数据切分键

```
1 {
2   "job": {
3     "content": [
4       {
5         "reader": {
6           "parameter": {
7             "splitPk": "id",
8             "column": [
9               {
10                "name": "id",
11                "type": "INT",
12                "key": "id"
13              },
14              {
15                "name": "name",
16                "type": "VARCHAR",
17                "key": "name"
18              },
19              {
20                "name": "age",
21                "type": "INT",
22                "key": "age"
23              }
24            ]

```

```
25         "name": "birthday",
26         "type": "DATETIME",
27         "key": "birthday"
28     },
29     {
30         "name": "desc",
31         "type": "VARCHAR",
32         "key": "desc"
33     }
34 ],
35 "password": "rootroot",
36 "username": "root",
37 "connection": [
38     {
39         "jdbcUrl": [
40             "jdbc:mysql://192.168.106.110:3306/dujie"
41         ],
42         "table": [
43             "user"
44         ]
45     }
46 ],
47 },
48 "name": "mysqlreader"
49 },
50 "writer": {
51     "parameter": {
52         "column": [
53             {
54                 "name": "id",
55                 "type": "NUMBER",
56                 "key": "id"
57             },
58             {
59                 "name": "name",
60                 "type": "VARCHAR2",
61                 "key": "name"
62             },
63             {
64                 "name": "age1",
65                 "type": "VARCHAR2",
66                 "key": "age1"
67             },
68             {
69                 "name": "birthday",
70                 "type": "TIMESTAMP",
```

```

71         "key": "birthday"
72     },
73     {
74         "name": "desc",
75         "type": "VARCHAR2",
76         "key": "desc"
77     }
78 ],
79 "username": "roma_logminer",
80 "password": "abc123",
81 "connection": [
82     {
83         "jdbcUrl": "jdbc:oracle:thin:@172.16.100.42:1521:ORCL",
84         "table": [
85             "user"
86         ]
87     }
88 ],
89 "writeMode": "insert"
90 },
91 "name": "oraclewriter"
92 }
93 }
94 ],
95 "setting": {
96     "dirty": {
97         "path": "hdfs://ns/dirty",
98         "hadoopConfig": {
99             "fs.defaultFS": "hdfs://ns",
100             "dfs.ha.namenodes.ns": "nn1,nn2",
101             "dfs.namenode.rpc-address.ns.nn2": "flinkx2:9000",
102             "dfs.client.failover.proxy.provider.ns": "org.apache.hadoop.hdfs.server.",
103             "dfs.namenode.rpc-address.ns.nn1": "flinkx1:9000",
104             "dfs.nameservices": "ns"
105         }
106     },
107     "restore": {
108         "maxRowNumForCheckpoint": 0,
109         "isRestore": false,
110         "restoreColumnName": "",
111         "restoreColumnIndex": 0
112     },
113     "errorLimit": {
114         "record": 100
115     },
116     "speed": {

```



```
117         "bytes": 0,  
118         "channel": 2  
119     }  
120 }  
121 }  
122 }
```

## 自定义sql示例

### where&preSql示例

```
1 {  
2     "job": {  
3         "content": [  
4             {  
5                 "reader": {  
6                     "parameter": {  
7                         "where": "id>10",  
8                         "column": [  
9                             {  
10                                "name": "id",  
11                                "type": "INT"  
12                            },  
13                            {  
14                                "name": "name",  
15                                "type": "VARCHAR"  
16                            },  
17                            {  
18                                "name": "age",  
19                                "type": "INT"  
20                            },  
21                            {  
22                                "name": "birthday",  
23                                "type": "DATETIME"  
24                            },  
25                            {  
26                                "name": "desc",  
27                                "type": "VARCHAR"
```

```
28         }
29     ],
30     "password": "rootroot",
31     "username": "root",
32     "connection": [
33         {
34             "jdbcUrl": [
35                 "jdbc:mysql://192.168.106.110:3306/dujie"
36             ],
37             "table": [
38                 "user"
39             ]
40         }
41     ]
42 },
43 "name": "mysqlreader"
44 },
45 "writer": {
46     "parameter": {
47         "preSql": ["TRUNCATE table \"user\""],
48         "column": [
49             {
50                 "name": "id",
51                 "type": "NUMBER",
52                 "key": "id"
53             },
54             {
55                 "name": "name",
56                 "type": "VARCHAR2",
57                 "key": "name"
58             },
59             {
60                 "name": "age1",
61                 "type": "VARCHAR2",
62                 "key": "age1"
63             },
64             {
65                 "name": "birthday",
66                 "type": "TIMESTAMP",
67                 "key": "birthday"
68             },
69             {
70                 "name": "desc",
71                 "type": "VARCHAR2",
72                 "key": "desc"
73             }
74         ]
75     }
76 }
```

```
74         ],
75         "username": "roma_logminer",
76         "password": "abc123",
77         "connection": [
78             {
79                 "jdbcUrl": "jdbc:oracle:thin:@172.16.100.42:1521:ORCL",
80                 "table": [
81                     "user"
82                 ]
83             }
84         ],
85         "writeMode": "insert"
86     },
87     "name": "oraclewriter"
88 }
89 }
90 ],
91 "setting": {
92     "dirty": {
93         "path": "hdfs://ns/dirty",
94         "hadoopConfig": {
95             "fs.defaultFS": "hdfs://ns",
96             "dfs.ha.namenodes.ns": "nn1,nn2",
97             "dfs.namenode.rpc-address.ns.nn2": "flinkx2:9000",
98             "dfs.client.failover.proxy.provider.ns": "org.apache.hadoop.hdfs.server.",
99             "dfs.namenode.rpc-address.ns.nn1": "flinkx1:9000",
100             "dfs.nameservices": "ns"
101         }
102     },
103     "restore": {
104         "maxRowNumForCheckpoint": 0,
105         "isRestore": false,
106         "restoreColumnName": "",
107         "restoreColumnIndex": 0
108     },
109     "errorLimit": {
110         "record": 100
111     },
112     "speed": {
113         "bytes": 0,
114         "channel": 1
115     }
116 }
117 }
118 }
```

## customSql示例

customSql 语句作为中间表查询

```
1 {
2   "job": {
3     "content": [
4       {
5         "reader": {
6           "parameter": {
7             "customSql": "select `user`.id ,`user`.`name` ,`user`.age,`user`.birth
8             "column": [
9               {
10                 "name": "id",
11                 "type": "INT"
12               },
13               {
14                 "name": "name",
15                 "type": "VARCHAR"
16               },
17               {
18                 "name": "age",
19                 "type": "INT"
20               },
21               {
22                 "name": "birthday",
23                 "type": "DATETIME"
24               },
25               {
26                 "name": "desc",
27                 "type": "VARCHAR"
28               },
29               {
30                 "name": "desc1",
31                 "type": "VARCHAR"
32               }
33             ],
34             "password": "rootroot",
35             "username": "root",
36             "connection": [
37               {
38                 "jdbcUrl": [
39                   "jdbc:mysql://192.168.106.110:3306/dujie"
```

```
39         ],
40         "table": [
41             "user"
42         ]
43     }
44 ]
45 },
46 "name": "mysqlreader"
47 },
48 "writer": {
49     "parameter": {
50         "preSql": ["TRUNCATE table \"user\""],
51         "column": [
52             {
53                 "name": "id",
54                 "type": "NUMBER",
55                 "key": "id"
56             },
57             {
58                 "name": "name",
59                 "type": "VARCHAR2",
60                 "key": "name"
61             },
62             {
63                 "name": "age1",
64                 "type": "VARCHAR2",
65                 "key": "age1"
66             },
67             {
68                 "name": "birthday",
69                 "type": "TIMESTAMP",
70                 "key": "birthday"
71             },
72             {
73                 "name": "desc",
74                 "type": "VARCHAR2",
75                 "key": "desc"
76             },
77             {
78                 "name": "desc1",
79                 "type": "VARCHAR"
80             }
81         ],
82         "username": "roma_logminer",
83         "password": "abc123",
84         "connection": [
```

```

85         {
86             "jdbcUrl": "jdbc:oracle:thin:@172.16.100.42:1521:ORCL",
87             "table": [
88                 "user"
89             ]
90         }
91     ],
92     "writeMode": "insert"
93 },
94     "name": "oraclewriter"
95 }
96 }
97 ],
98 "setting": {
99     "dirty": {
100         "path": "hdfs://ns/dirty",
101         "hadoopConfig": {
102             "fs.defaultFS": "hdfs://ns",
103             "dfs.ha.namenodes.ns": "nn1,nn2",
104             "dfs.namenode.rpc-address.ns.nn2": "flinkx2:9000",
105             "dfs.client.failover.proxy.provider.ns": "org.apache.hadoop.hdfs.server.",
106             "dfs.namenode.rpc-address.ns.nn1": "flinkx1:9000",
107             "dfs.nameservices": "ns"
108         }
109     },
110     "restore": {
111         "maxRowNumForCheckpoint": 0,
112         "isRestore": false,
113         "restoreColumnName": "",
114         "restoreColumnIndex": 0
115     },
116     "errorLimit": {
117         "record": 100
118     },
119     "speed": {
120         "bytes": 0,
121         "channel": 1
122     }
123 }
124 }
125 }

```

## mode

--	--

类型	说明
insert	当主键/约束冲突，报脏数据
replace	当主键/约束冲突，先delete再insert
update	当主键/约束冲突，update数据，未映射的字段值不变

```
1 {
2   "job": {
3     "content": [
4       {
5         "reader": {
6           "parameter": {
7             "column": [
8               {
9                 "name": "id",
10                "type": "int"
11              },
12              {
13                "name": "user_id",
14                "type": "int"
15              },
16              {
17                "name": "name",
18                "type": "varchar"
19              },
20              {
21                "name": "age",
22                "type": "int"
23              }
24            ],
25            "password": "rootroot",
26            "username": "root",
27            "connection": [
28              {
29                "jdbcUrl": [
30                  "jdbc:mysql://192.168.106.110:3306/dujie"
31                ],
32                "table": [
33                  "test1"
```

```
34         ]
35     }
36 ]
37 },
38     "name": "mysqlreader"
39 },
40     "writer": {
41         "parameter": {
42             "batchSize": 1,
43             "column": [
44                 {
45                     "name": "id",
46                     "type": "int"
47                 },
48                 {
49                     "name": "user_id",
50                     "type": "int"
51                 },
52                 {
53                     "name": "name",
54                     "type": "varchar"
55                 },
56                 {
57                     "name": "age",
58                     "type": "int"
59                 }
60             ],
61             "username": "root",
62             "password": "rootroot",
63             "connection": [
64                 {
65                     "jdbcUrl": "jdbc:mysql://192.168.106.110:3306/dujie",
66                     "table": [
67                         "test2"
68                     ]
69                 }
70             ],
71             "writeMode": "replace"
72         },
73         "name": "mysqlwriter"
74     }
75 },
76 ],
77 "setting": {
78     "dirty": {
79         "path": "hdfs://ns/dirty",
```



```

80     "hadoopConfig": {
81         "fs.defaultFS": "hdfs://ns",
82         "dfs.ha.namenodes.ns": "nn1,nn2",
83         "dfs.namenode.rpc-address.ns.nn2": "flinkx2:9000",
84         "dfs.client.failover.proxy.provider.ns": "org.apache.hadoop.hdfs.server.",
85         "dfs.namenode.rpc-address.ns.nn1": "flinkx1:9000",
86         "dfs.nameservices": "ns"
87     }
88 },
89 "restore": {
90     "maxRowNumForCheckpoint": 0,
91     "isRestore": false,
92     "isStream": false,
93     "restoreColumnName": "id",
94     "restoreColumnIndex": 0
95 },
96 "errorLimit": {
97     "record": 1
98 },
99 "speed": {
100     "bytes": 0,
101     "channel": 1
102 }
103 }
104 }
105 }

```

## 增量同步

```

1 SELECT `id`,`name`,`age`,`birthday`,`desc` FROM `user` WHERE 1=1 and `id` > 764928

```

```

1 {
2     "job": {
3         "content": [
4             {
5                 "reader": {
6                     "parameter": {
7                         "increColumn": "id",
8                         "column": [

```

```
9      {
10          "name": "id",
11          "type": "INT"
12      },
13      {
14          "name": "name",
15          "type": "VARCHAR"
16      },
17      {
18          "name": "age",
19          "type": "INT"
20      },
21      {
22          "name": "birthday",
23          "type": "DATETIME"
24      },
25      {
26          "name": "desc",
27          "type": "VARCHAR"
28      }
29  ],
30  "password": "rootroot",
31  "username": "root",
32  "connection": [
33      {
34          "jdbcUrl": [
35              "jdbc:mysql://192.168.106.110:3306/dujie"
36          ],
37          "table": [
38              "user"
39          ]
40      }
41  ]
42  },
43  "name": "mysqlreader"
44  },
45  "writer": {
46      "parameter": {
47          "preSql": ["TRUNCATE table \"user\""],
48          "column": [
49              {
50                  "name": "id",
51                  "type": "NUMBER",
52                  "key": "id"
53              },
54              {
```

```
55         "name": "name",
56         "type": "VARCHAR2",
57         "key": "name"
58     },
59     {
60         "name": "age1",
61         "type": "VARCHAR2",
62         "key": "age1"
63     },
64     {
65         "name": "birthday",
66         "type": "TIMESTAMP",
67         "key": "birthday"
68     },
69     {
70         "name": "desc",
71         "type": "VARCHAR2",
72         "key": "desc"
73     }
74 ],
75 "username": "roma_logminer",
76 "password": "abc123",
77 "connection": [
78     {
79         "jdbcUrl": "jdbc:oracle:thin:@172.16.100.42:1521:ORCL",
80         "table": [
81             "user"
82         ]
83     }
84 ],
85 "writeMode": "insert"
86 },
87 "name": "oraclewriter"
88 }
89 }
90 ],
91 "setting": {
92     "dirty": {
93         "path": "hdfs://ns/dirty",
94         "hadoopConfig": {
95             "fs.defaultFS": "hdfs://ns",
96             "dfs.ha.namenodes.ns": "nn1,nn2",
97             "dfs.namenode.rpc-address.ns.nn2": "flinkx2:9000",
98             "dfs.client.failover.proxy.provider.ns": "org.apache.hadoop.hdfs.server.",
99             "dfs.namenode.rpc-address.ns.nn1": "flinkx1:9000",
100            "dfs.nameservices": "ns"
```

```
101     }
102   },
103   "restore": {
104     "maxRowNumForCheckpoint": 0,
105     "isRestore": false,
106     "restoreColumnName": "",
107     "restoreColumnIndex": 0
108   },
109   "errorLimit": {
110     "record": 100
111   },
112   "speed": {
113     "bytes": 0,
114     "channel": 1
115   }
116 }
117 }
118 }
```

# 断点续传

## restore

用于配置同步任务类型（ 离线同步、实时采集 ）和断点续传功能。具体配置如下所示：

```
1 "restore" : {
2   "isStream" : false,
3   "isRestore" : true,
4   "restoreColumnName" : "id",
5   "restoreColumnIndex" : 0,
6   "maxRowNumForCheckpoint" : 10000
7 }
```

名称	说明	是否必填	默认值	
isStream	是否为实时采集任务	否	false	E
isRestore	是否开启断点续传	否	false	E
restoreColumnName	断点续传字段名称	开启断点续传后必填	无	S
restoreColumnIndex	断点续传字段索引ID	开启断点续传后必填	-1	i
maxRowNumForCheckpoint	触发checkpoint数据条数	否	10000	i

## 提交脚本

-confProp

"{\"flink.checkpoint.interval\":5000}"

```
1 bin/flinkx -mode yarn -job /Users/yanghuai/Desktop/a.json -pluginRoot /Users/yangh
```

## 任务脚本

```
1 {
2   "job": {
3     "content": [
4       {
5         "reader": {
6           "parameter": {
7             "column": [
8               {
9                 "name": "id",
10                "type": "INT"
11              },
12              {
13                "name": "name",
14                "type": "VARCHAR"
15              },
16              {
17                "name": "age",
18                "type": "INT"
19              },
20              {
21                "name": "birthday",
22                "type": "DATETIME"
23              },
24              {
25                "name": "desc",
26                "type": "VARCHAR"
27              }
28            ],
29            "password": "rootroot",
30            "username": "root",
31            "connection": [
32              {
```

```
33         "jdbcUrl": [  
34             "jdbc:mysql://192.168.106.110:3306/dujie"  
35         ],  
36         "table": [  
37             "user"  
38         ]  
39     }  
40 ]  
41 },  
42     "name": "mysqlreader"  
43 },  
44     "writer": {  
45         "parameter": {  
46             "column": [  
47                 {  
48                     "name": "id",  
49                     "type": "NUMBER",  
50                     "key": "id"  
51                 },  
52                 {  
53                     "name": "name",  
54                     "type": "VARCHAR2",  
55                     "key": "name"  
56                 },  
57                 {  
58                     "name": "age1",  
59                     "type": "VARCHAR2",  
60                     "key": "age1"  
61                 },  
62                 {  
63                     "name": "birthday",  
64                     "type": "TIMESTAMP",  
65                     "key": "birthday"  
66                 },  
67                 {  
68                     "name": "desc",  
69                     "type": "VARCHAR2",  
70                     "key": "desc"  
71                 }  
72             ],  
73             "username": "roma_logminer",  
74             "password": "abc123",  
75             "connection": [  
76                 {  
77                     "jdbcUrl": "jdbc:oracle:thin:@172.16.100.42:1521:ORCL",  
78                     "table": [  

```

```
79         "user"
80     ]
81 }
82 ],
83     "writeMode": "insert"
84 },
85     "name": "oraclewriter"
86 }
87 }
88 ],
89 "setting": {
90     "dirty": {
91         "path": "hdfs://ns/dirty",
92         "hadoopConfig": {
93             "fs.defaultFS": "hdfs://ns",
94             "dfs.ha.namenodes.ns": "nn1,nn2",
95             "dfs.namenode.rpc-address.ns.nn2": "flinkx2:9000",
96             "dfs.client.failover.proxy.provider.ns": "org.apache.hadoop.hdfs.server.",
97             "dfs.namenode.rpc-address.ns.nn1": "flinkx1:9000",
98             "dfs.nameservices": "ns"
99         }
100     },
101     "restore": {
102         "maxRowNumForCheckpoint": 0,
103         "isRestore": true,
104         "restoreColumnName": "id",
105         "restoreColumnIndex": 0
106     },
107     "errorLimit": {
108         "record": 100
109     },
110     "speed": {
111         "bytes": 0,
112         "channel": 1
113     }
114 }
115 }
116 }
```

# 间隔轮询

名称	说明	是否必填	默认值	
polling	是否为间隔轮询任务	否	false	E

pollingInterval	间隔时间	否	5000	i
increColumn	间隔轮询字段名称	开启间隔轮询后必填	无	S
startLocation	间隔轮询起点	否	-1	S

```

1 {
2   "job": {
3     "content": [
4       {
5         "reader": {
6           "parameter": {
7             "polling": true,
8             "pollingInterval": 3000,
9             "increColumn": "id",
10            "startLocation": "1000027",
11            "column": [
12              {
13                "name": "id",
14                "type": "INT"
15              },
16              {
17                "name": "name",
18                "type": "VARCHAR"
19              },
20              {
21                "name": "age",
22                "type": "INT"
23              },
24              {
25                "name": "birthday",
26                "type": "DATETIME"
27              },
28              {
29                "name": "desc",
30                "type": "VARCHAR"
31              }
32            ],
33            "password": "rootroot",
34            "username": "root",
35            "connection": [
36              {
37                "jdbcUrl": [
38                  "jdbc:mysql://192.168.106.110:3306/dujie"
39                ],

```



```
40         "table": [  
41             "user"  
42         ]  
43     }  
44 ]  
45 },  
46 "name": "mysqlreader"  
47 },  
48 "writer": {  
49     "parameter": {  
50         "batchSize": 1,  
51         "column": [  
52             {  
53                 "name": "id",  
54                 "type": "NUMBER",  
55                 "key": "id"  
56             },  
57             {  
58                 "name": "name",  
59                 "type": "VARCHAR2",  
60                 "key": "name"  
61             },  
62             {  
63                 "name": "age1",  
64                 "type": "VARCHAR2",  
65                 "key": "age1"  
66             },  
67             {  
68                 "name": "birthday",  
69                 "type": "TIMESTAMP",  
70                 "key": "birthday"  
71             },  
72             {  
73                 "name": "desc",  
74                 "type": "VARCHAR2",  
75                 "key": "desc"  
76             }  
77         ],  
78         "username": "roma_logminer",  
79         "password": "abc123",  
80         "connection": [  
81             {  
82                 "jdbcUrl": "jdbc:oracle:thin:@172.16.100.42:1521:ORCL",  
83                 "table": [  
84                     "user"  
85                 ]
```

```
86         }
87     ],
88     "writeMode": "insert"
89 },
90     "name": "oraclewriter"
91 }
92 }
93 ],
94 "setting": {
95     "dirty": {
96         "path": "hdfs://ns/dirty",
97         "hadoopConfig": {
98             "fs.defaultFS": "hdfs://ns",
99             "dfs.ha.namenodes.ns": "nn1,nn2",
100             "dfs.namenode.rpc-address.ns.nn2": "flinkx2:9000",
101             "dfs.client.failover.proxy.provider.ns": "org.apache.hadoop.hdfs.server.",
102             "dfs.namenode.rpc-address.ns.nn1": "flinkx1:9000",
103             "dfs.nameservices": "ns"
104         }
105     },
106     "restore": {
107         "maxRowNumForCheckpoint": 0,
108         "isRestore": false,
109         "isStream": false,
110         "restoreColumnName": "id",
111         "restoreColumnIndex": 0
112     },
113     "errorLimit": {
114         "record": 100
115     },
116     "speed": {
117         "bytes": 0,
118         "channel": 1
119     }
120 }
121 }
122 }
```

本文来自



flinkx

关注

