# SQLOneStep

**Objective:**

It is used to execute the select SQL in selected DB while fetching only one record.

**Attributes:**

|  |  |
| --- | --- |
| **Attributes** | **Description** |
| value | Enter query to execute |
| value\_type | To select type as free marker template or handlebar |
| plugin\_name | To connect with mysql server based on the plugin credentials |
| output\_variable | Used to store the response of the request |

**Sample config.json:**

{

"workflows": [

{

"name": "sql-one",

"id": 200,

"trigger": "rest",

"expression": "sqlone/{id}",

"method": "GET",

"steps": [

{

"type": "start",

"id": 1,

"next": {

"start": "start"

}

},

{

"value": "SELECT \* FROM testDB.employee\_table where id = ${request.path.id};",

"value\_type": "ftl",

"output\_variable": "sql-one-output",

"plugin\_name": "sql-one-plugin",

"type": "sql-one",

"id": "start",

"next": {

"success": "sql-one-success",

"failure": "hangup"

}

},

{

"variable\_name": "sql-one-output",

"http\_response\_code": "200",

"response\_content\_type": "text/html",

"value\_type": "hb",

"type": "send",

"id": "sql-one-success",

"next": {

"success": "hangup",

"failure": "hangup"

}

}

]

}

],

"filters": [],

"server": {},

"plugins": [

{

"id": 243,

"name": "sql-one-plugin",

"type": "mysql-plugin",

"version": "1.0",

"category": "Database",

"server": "localhost",

"username": "root",

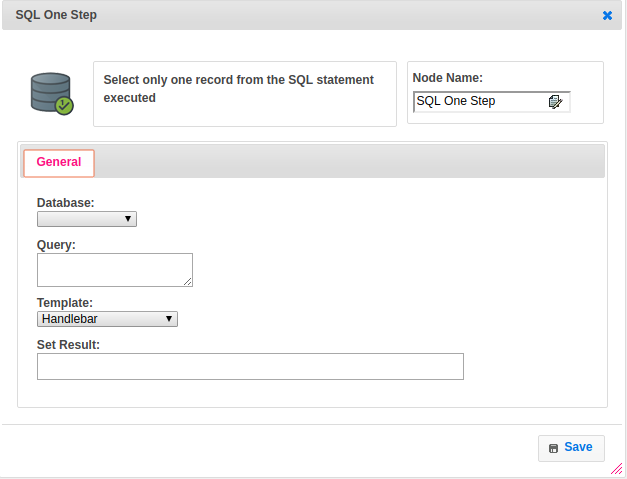
"password": "root",

"schema": "testDB"

}

]

}

****

**Executor Description:**

* In executor class first will get connection to database based on the plugin handler credentials to respective schema.
* By using the SQLDBUtil class we will select the data based on the query or value which given by user then we get list of results.
* Put the first resultset into output variable by using getFirst method then returns success.