MySQL API Server 0.0.1   OAS3

/openapi.json

Allows users to access a database with access management

<div>

Authorize 🔓

</div>

Authentication ⌄

POST   **/v1/auth/get_token**   Authenticate API user

Authenticate an API user and return a token that will be passed in the authorization header for subsequent requests

Parameters

Try it out

No parameters

Request body ^{required}

application/x-www-form-urlencoded

grant_type
string

username * ^{required}
string

password * ^{required}
string

scope
string

client_id

```
string
```

client_secret
```
string
```

Responses

Code	Description	Links
200	Returns user private access token. Make sure to keep the token secret.	No links

Media type

<pre style="border:2px solid green">application/json</pre>

Controls `Accept` header.

Example Value   Schema

```
{
  "access_token": "string",
  "token_type": "string"
}
```

Code	Description	Links
400	Bad Request	No links

Media type

<pre style="border:1px solid black">application/json</pre>

Example Value   Schema

```
{
  "detail": "string"
}
```

Code	Description	Links
422	Validation Error	*No links*

Media type

```
application/json
```

Example Value   Schema

```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

Query

POST /v1/query/create Create a table in the database

Parameters

<div style="text-align:right">Try it out</div>

Name	Description
table_name * required string *(query)*	Table name in database, eg `categories` table_name - Table name in database, eg `ca
field_defs * required string *(query)*	List of column names followed bv their types, eg `Category_ID int(11), Category_Name varchar(500)` field_defs - List of column names followed by

Responses

Code	Description	Links
200	Returns status of request	No links

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "detail": "string"
}
```

| 400 | Bad Request | No links |

Media type

application/json

Example Value   Schema

```
{
  "detail": "string"
}
```

| 401 | Unauthorized | No links |

Media type

application/json

Example Value   Schema

```
{
  "detail": "string"
}
```

Code	Description	Links
403		*No links*

Forbidden

Media type

```
application/json
```

Example Value   Schema

```
{
  "detail": "string"
}
```

422		*No links*

Validation Error

Media type

```
application/json
```

Example Value   Schema

```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

GET   `/v1/query/read`   Read record from the database   🔓

Read a record from the database and return all rows as a list of tuples

Parameters   Try it out

Name	Description

Name	Description

what_to_select * required
string
(query)

List of columns, or * to indicate all columns, eg `Category_Name, ICON_URL`

> what_to_select - List of columns, or * to indica

which_table * required
string
(query)

Name of table to retrieve data from, eg `categories`

> which_table - Name of table to retrieve data f

conditions_to_satisfy
string
(query)

If present, specifies one or more conditions that records must satisfy for retrieval, eg `Category_ID = 1`

> conditions_to_satisfy - If present, specifies or

Responses

Code	Description	Links
200	Returns the query result as a list of tuples	*No links*

Media type

```
application/json
```

Controls `Accept` header.

Example Value   Schema

```
{
  "rows": [
    null
  ]
}
```

Code	Description	Links
400	Bad Request	No links

Media type

application/json

Example Value   Schema

```
{
  "detail": "string"
}
```

Code	Description	Links
401	Unauthorized	No links

Media type

application/json

Example Value   Schema

```
{
  "detail": "string"
}
```

Code	Description	Links
403	Forbidden	No links

Media type

application/json

Example Value   Schema

```
{
  "detail": "string"
}
```

Code	Description	Links
422	Validation Error	*No links*

Media type

```
application/json
```

Example Value   Schema

```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

POST   `/v1/query/insert`   Insert record into database table   🔓

Parameters   Try it out

Name	Description

table_name * required
string
(query)

Name of table to insert record into, eg `categories`

```
table_name - Name of table to insert record i
```

values * required
string
(query)

List of field values for the record with each surrounded by single quotes, eg `'1', 'IT', 'google.com'`

```
values - List of field values for the record with
```

column_names
string
(query)

List of column names that you are specifying values for in the record, eg `Category_ID, Category_Name, ICON_URL`. If you are adding values for all the columns of the table, you do not need to specify this parameter

```
column_names - List of column names that y
```

Responses

Code	Description	Links
200	Returns status of request	*No links*
	Media type	
	application/json	
	Controls `Accept` header.	
	Example Value Schema	
| | ```
{
  "detail": "string"
}
``` | |
400	Bad Request	*No links*
	Media type	
	application/json	
	Example Value Schema	
| | ```
{
  "detail": "string"
}
``` | |
401	Unauthorized	*No links*
	Media type	
	application/json	
	Example Value Schema	
| | ```
{
  "detail": "string"
}
``` | |

Code	Description	Links
403	Forbidden	*No links*

Media type

application/json

Example Value   Schema

```
{
  "detail": "string"
}
```

Code	Description	Links
422	Validation Error	*No links*

Media type

application/json

Example Value   Schema

```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

PUT   `/v1/query/update`   Update record in the database   🔓

Parameters   [Try it out]

Name	Description
table_name * required string *(query)*	Name of table in which record will be updated, eg `categories` [table_name - Name of table in which record v]

Name	Description

set_statements * required
string
(query)

List of columns to modify and their respective values (surrounded by single quotes), eg `Category_Name = 'IT', ICON_URL = 'google.com'`

> set_statements - List of columns to modify an

where_condition
string
(query)

Specifies the conditions that identify which records to update, eg `Category_ID = 1` . If omitted, all records are updated

> where_condition - Specifies the conditions tha

Responses

Code	Description	Links
200		*No links*

Returns status of request

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "detail": "string"
}
```

| 400 | | *No links* |

Bad Request

Media type

application/json

Example Value   Schema

```
{
  "detail": "string"
}
```

Code	Description	Links
401	Unauthorized	No links

Media type

application/json

Example Value   Schema

```
{
  "detail": "string"
}
```

Code	Description	Links
403	Forbidden	No links

Media type

application/json

Example Value   Schema

```
{
  "detail": "string"
}
```

Code	Description	Links
422	Validation Error	No links

Media type

application/json

Example Value   Schema

```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

DELETE   `/v1/query/delete`   Delete record from the database   🔓

Parameters   Try it out

Name	Description

table_name * required
string
(query)

Name of table in which record will be deleted, eg `categories`

> table_name - Name of table in which record v

where_condition
string
(query)

Specifies which record or records should be deleted, eg
`Category_Name = 'IT'` . If omitted, all records will be deleted!

> where_condition - Specifies which record or r

Responses

Code	Description	Links
200	Returns status of request	No links

Media type

> application/json

Controls `Accept` header.

Example Value   Schema

```
{
    "detail": "string"
}
```

| 400 | Bad Request | No links |

Media type

> application/json

Example Value   Schema

```
{
    "detail": "string"
}
```

Code	Description	Links
401	Unauthorized	No links

Media type

application/json

Example Value   Schema

```
{
  "detail": "string"
}
```

Code	Description	Links
403	Forbidden	No links

Media type

application/json

Example Value   Schema

```
{
  "detail": "string"
}
```

Code	Description	Links
422	Validation Error	No links

Media type

application/json

Example Value   Schema

```
{
  "detail": [
    {
      "loc": [
        "string"
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

Info   ⌄

GET	/v1/info/get_info	Retrieve information regarding user given their token	🔓

Retrieve information regarding a user (such as permissions) given their token

Parameters

<div style="text-align:right">

| Try it out |

</div>

No parameters

Responses

Code	Description	Links
200	Returns information about user	No links

Media type

    application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "username": "string",
  "is_admin": 0,
  "action_permissions": "string",
  "table_permissions": "string"
}
```

401		No links

Unauthorized

Media type

    application/json

Example Value   Schema

```
{
  "detail": "string"
}
```

Code	Description	Links
403	Forbidden	*No links*

Media type

application/json

Example Value Schema

```
{
  "detail": "string"
}
```

Schemas ⌄

Body_get_token_v1_auth_get_token_post {

grant_type	**string**	
	title: Grant Type	
	pattern: password	
username*****	**string**	
	title: Username	
password*****	**string**	
	title: Password	
scope	**string**	
	title: Scope	
	default:	
client_id	**string**	
	title: Client Id	
client_secret	**string**	
	title: Client Secret	

}

Detail {

detail*****	**string**	
	title: Detail	

}

HTTPValidationError   {
   detail
          Detail   [
          title: Detail

          ValidationError   {
            loc*****
                                      Location   [...]
            msg*****
                                      string
                                      title: Message
            type*****
                                      string
                                      title: Error Type
            }]
}

QueryResult   {
   rows*****
          Rows   [
          title: Rows

            {
          }]
}

Token   {
   access_token*****   **string**
                            title: Access Token
   token_type*****   **string**
                            title: Token Type
}

User   {
   username*****   **string**
                            title: Username
   is_admin*****   **integer**
                            title: Is Admin
   action_permissions*****   **string**
                            title: Action Permissions
   table_permissions*****   **string**
                            title: Table Permissions
}

ValidationError   {
   loc*****
          Location   [
          title: Location
          string]
   msg*****   **string**
          title: Message
   type*****   **string**
          title: Error Type
}