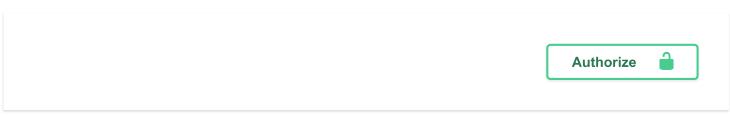
MySQL API Server 0.0.1 OAS3

/openapi.json

Allows users to access a database with access management



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		No links

Returns user private access token. Make sure to keep the token secret.

No links

Media type

application/json

Controls Accept header.

Example Value Schema

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

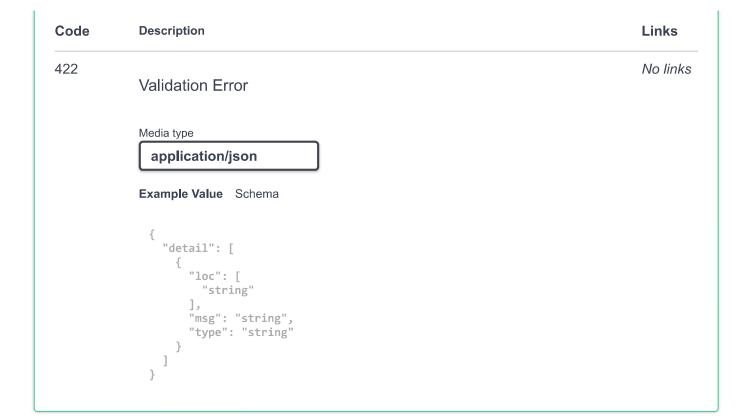
400

Bad Request

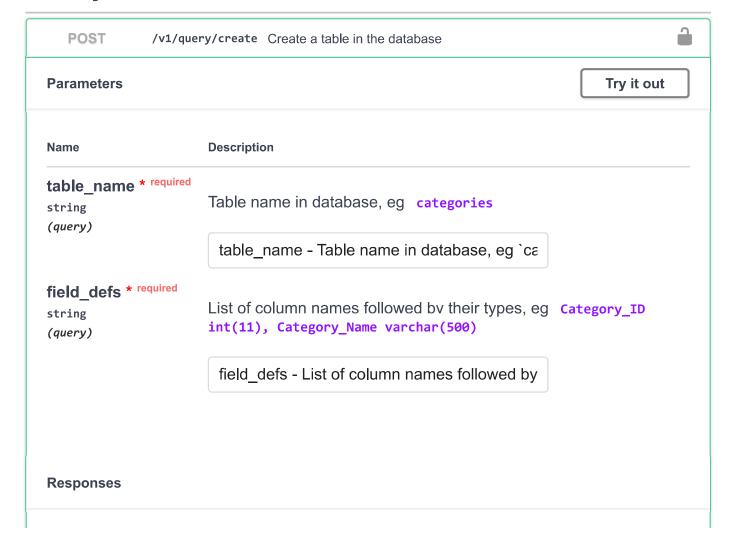
Media type

application/json

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



Query



Code	Description	Links
200	Returns status of request	No links
	Media type	
	application/json Controls Accept header.	
	Example Value Schema	
	<pre>{ "detail": "string" }</pre>	
100	Bad Request	No links
	Media type	
	application/json	
	Example Value Schema	
	<pre>{ "detail": "string" }</pre>	
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
<pre>which_table * required string (query)</pre>	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		No links

Returns the query result as a list of tuples

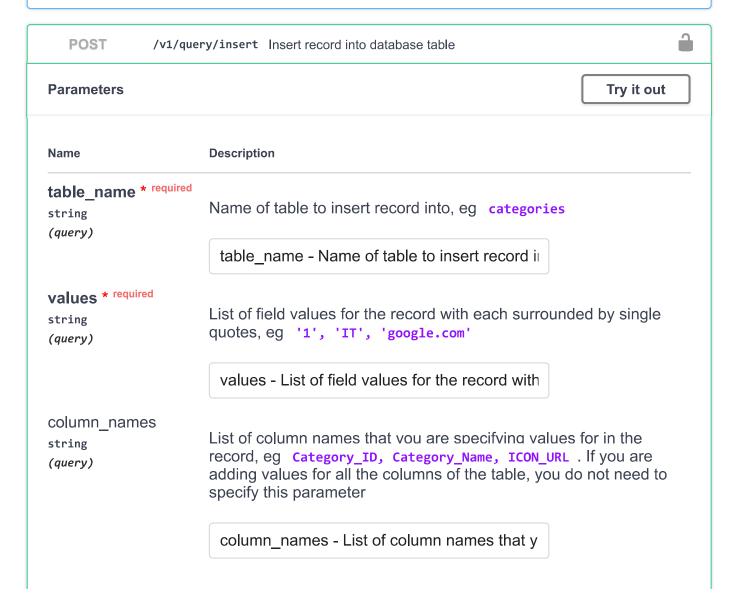
Media type

application/json

Controls Accept header.

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

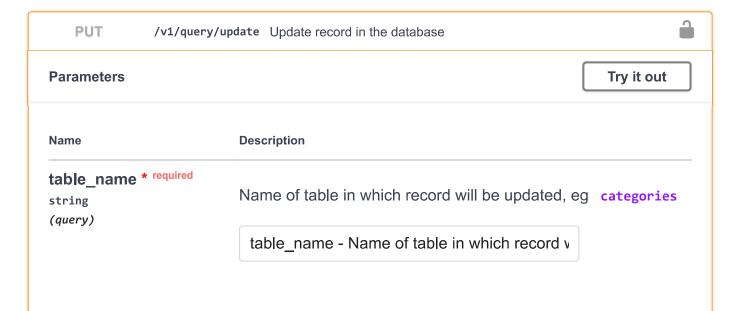
Code	Description	Links
400	Bad Request	No links
	Media type application/json	
	Example Value Schema	
	{ "detail": "string" }	
401	Unauthorized	No links
	Media type application/json	
	Example Value Schema	
	{ "detail": "string" }	
403	Forbidden	No links
	Media type	
	application/json	
	Example Value Schema	
	{ "detail": "string" }	



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 Links Description 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"



set_statements * required string (query) List of columns to modify and their respective values (surrounded by sinale auotes), 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 that

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

Media type

Bad Request

application/json

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

Code Links Description 401 No links Unauthorized Media type application/json Example Value Schema "detail": "string" 403 No links Forbidden Media type application/json Example Value Schema "detail": "string" No links 422 Validation Error Media type application/json Example Value Schema "detail": ["loc": ["string"],
"msg": "string",
"type": "string"

DELETE

/v1/query/delete Delete record from the database



Parameters

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		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

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

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

Info





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

Parameters

Try it out

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

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



```
Body_get_token_v1_auth_get_token_post {
   grant_type
                         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

Schemas

}

```
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 {
                         string
   username*
                         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
}
```