

Simple Tool Rental API

This API allows you to reserve a tool.

The API is available at <https://simple-tool-rental-api.glitch.me>

authentication:

Endpoint

- Status
- Tools
 - Get all tools
 - Get a single tool
- Orders
 - Get all orders
 - Get a single order
 - Create a new order
 - Update an order
 - Delete an order

A. Status: GET /status

Returns the status of the API:

- UP: indicates that the API is running as expected.
- DOWN: indicates that the API is currently not working.

B. Tools: GET <https://simple-tool-rental-api.glitch.me/tools>

Returns a list of tools from the inventory.

1/ Parameters: tools?category={category_name}, tools?results={number}...

Name	Type	In	Description

category	string	query	Optional - Specifies the category of tools you want to be returned. It can be one of: <i>ladders, plumbing, power-tools, trailers, electric-generators, lawn-care.</i>
results	integer 1/2/5/6/7 -1, -2, 1.5, 4.5 text	query	Optional - Specifies the number of results you want. Must be number <i>between 1 and 20</i> . By default, only 20 tools will be displayed.
available	boolean true/false 439/klsffa	query	Optional - Specifies the availability of the tools. By default, all tools will be displayed.

2/ Status codes

Status code	Description
200 OK	Indicates a successful response.
400 Bad Request	Indicates that the parameters provided are invalid.

Get a single/detail tool: <https://simple-tool-rental-api.glitch.me>

GET /tools/{toolId}

Returns a single tool from the inventory

1/ Parameters

Name	Type	In	Description
toolId	integer	path	Specifies the id of the tool you wish to retrieve.

	yyyy/hh hj		

2/ Status codes

Status code	Description
200 OK	Indicates a successful response.
404 Not found	Indicates that there is no tool with the <i>specified id</i> .

C. Orders

Create a new order <https://simple-tool-rental-api.glitch.me>

POST /orders

=> New order is created for an existed toolID

1/ Parameters

Name	Type	In	Description
Authorization	string	header	<p>Required.</p> <p>Specifies the bearer token of the API client.</p> <p>Bearer {YOUR TOKEN}</p> <p>Bearer</p> <p>session/phien lam viec: 15p =>expired</p>

			Bearer 4fc1f9ef1534b24d1fcabded9e57a666a1dc8341 9698f3ba964c14e86c9bd3ea =>expired (EX): <u>hết 15p, log out,</u> login multiple times
toolId	integer	body	<i>Required</i> The existing ID. buy a tool that is quantity = 0
customerName	string	body	<i>Required</i> Specifies the name of the customer.
comment	string	body	Optional. Specifies a comment.

Example request body:

```
{
  "toolId": 4643,
  "customerName": "John Doe",
  "comment": "This is QA03 class"
}
```

2/ Status codes

Status code	Description
201 Created	Indicates that the order has been created successfully.
400 Bad Request	Indicates that the parameters provided are invalid.
401 Unauthorized	Indicates that request has not been authenticated. Check the response body for additional details.

Get all orders

Returns all orders created by the API client.

GET /orders

1/ Parameters

Name	Type	In	Description
Authorization	string	header	<p>Required.</p> <p>Specifies the bearer token of the API client.</p> <p>Bearer {YOUR TOKEN}</p> <p>4f1a3bb9f38efb9102ad2f19beedf4cce4772f4d3675fa0a2a75a1da045a1b43</p> <p>session/phien lam viec: 15p</p>

2/ Status codes

Status code	Description
200 Ok	Indicates a successful response.
401 Unauthorized	Indicates that request has not been authenticated. Check the response body for additional details.

Get a single order

Returns a single order.

GET /orders/{orderId} =>url/path

1/ Parameters

Name	Type	In	Description
Authorization	string	header	<p>Required.</p> <p>Specifies the bearer token of the API client.</p> <p>Bearer {YOUR TOKEN}</p>

2/ Status codes

Status code	Description
200 Ok	Indicates a successful response.
401 Unauthorized	Indicates that request has not been authenticated. Check the response body for additional details.
404 Not found	Indicates that there is no order with the specified id associated with the API client.

Update an order

PATCH /orders/{orderId}

1/ Parameters

Name	Type	In	Description
Authorization	string	header	<p>Required.</p> <p>Specifies the bearer token of the API client.</p> <p>Bearer {YOUR TOKEN}</p>
customerName	string	body	<p>required</p> <p>. Specifies the name of the customer.</p>

comment	string	body	Optional. Specifies a comment.
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Example request body:

```
{
  "customerName": "Joe Doe",
  "comment": "Joe Doe"
}
```

2/ Status codes

Status code	Description
204 No Content	Indicates that the order has been updated successfully.
400 Bad Request	Indicates that the parameters provided are invalid.
401 Unauthorized	Indicates that request has not been authenticated. Check the response body for additional details.
404 Not found	Indicates that there is no order with the specified id associated with the API client.

Delete an order

DELETE /orders/{orderId}

1/ Parameters

Name	Type	In	Description
Authorization	string	header	Required. Specifies the bearer token of the API client.

			Bearer {YOUR TOKEN}
orderId	string	path	Specifies the order id.

2/ Status codes

Status code	Description
204 No Content	Indicates that the order has been deleted successfully.
400 Bad Request	Indicates that the parameters provided are invalid.
401 Unauthorized	Indicates that request has not been authenticated. Check the response body for additional details.
404 Not found	Indicates that there is no order with the specified id associated to the API client.