Public API

The Public Application Programming Interface (API) function is an interface that allows sharing your datasets and widgets with your clients. In the Public API section of the MSPbots app, you can create, share, and delete your own API key. Once you have made and shared your public API, your clients can access the datasets and widgets assigned to that key.

What's on this page:

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- 2. How to add, copy, and remove an API key
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1. How to access the Public API section

To access the Public API section, log in to MSPbots and navigate to Settings > Public API.

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O Client Portal		
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I Billing		
+ Public Api		

- 2. How to add, copy, and remove an API key
 - 1. Create an API key:
 - a. Go to the Public API tab and click the Add New Key button.

b. Input a Name, select Custom for Type, and provide a short Description for your API.

Add New Key		×
Name		
test		
Туре		
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Description		
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		1
	Cancel	Save

c. Click Save.

2. Copy the API Key

a. Select the API you created in Step 1 from the APIKey dropdown.

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To remove an API Key, click the **Remove This Key** button. Removing an API key will draw your client's access to the datasets and widgets you assigned to the key.

Enable Public API	1PI
API Key	
test_spl	Add New Key Remove This Key API KEY:

Rate Limit : 60/min

3. Connecting your data to an API

3.1. Binding a dataset to the API key

1. Go to the Public API tab, click Datasets, and hit the Add button.

Public Api ×	~
C Public API	
Enable Public API Enable Public API	
API Key test_spl Add New Key Remove This Key API KEY:	
Rate Limit : 60/min	
Dataset Widget	Add
No Data	

2. On the Add Dataset window, select the dataset or datasets that should be accessible with the API key.

Add Dataset		×
Datasets List		Selected
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	Total 227 100/page \checkmark < 1 2 3 \Rightarrow Go to 1	Add Selected

3. When done selecting the datasets for binding, click the **Selected** button to view your selection. You may remove datasets from the list by clicking the **X** sign corresponding to the dataset for removal.

Add Dataset			×
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₩ Filter		In addit Monorow, it have Device Summary	×
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Show all integration	⊖ Linked Bots: 0		
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Quickbooks Online	Information on bills within Quickbooks from the current and previous calendar years.		
國 SQL Agent			
📫 Teams	2022/08/09 21:49:52 CDT 2023/02/15 02:44:05 CST		
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	Total 227 100/page ∨ < 1 2 3 > Go to 1		Add Selected

- 4. Click Add Selected once you confirm the list is correct.
- 5. Then you can see the selected dataset in the dataset list.

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Enable Public API Enable Public API				
API Key Add New Key Remove This Key API KEY 0				
Rate Limit : 60/min				
Dataset Widget		Add		
GET /api/dataset/		Û		
Parameters				
Name	Description			
current	When you send a command requesting data, the current page data is returned according to the page response you specify.			
size	size When you send a command to request data, the response will include information about how many data entries will be displayed on each page.			
Responses				
Code Description		Links		
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3.2. Binding a widget to the API key

1. Go to the Public API tab, click **Widget**, and hit the **Add** button.

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C Public API	
Enable Public API Enable Public API	
API Key	
test_spl v Add New Key Remove This Key API KEY: slidStill information/opubliship (
Rate Limit : 60/min	
Dataset Widget	Add
No Data	

2. On the Add Widget window, select the widget or widgets that should be accessible with the API key.

Add Widget		Selected
Q Search	E My Favorites W My Widgets 2 Template Widgets 2	
12 Sort Last Modified +	Charter of Mexic Ticket List all HELP Tickets in which are still open, and order by total points desc. C Linked Bots: 0 Clarked Delatiboaris: 1 Clarkom	*
 HubSpot Jira Data Center QuickBooks ON-PREMISE Cuickbooks OB-PREMISE 	Linde Bots 0 Cliniced Dearboards 1 Custom	4
SQL Agent	1262150110 19:36 51 CST 2023A0210 20 19:15 CST	
V	Total 512 100/page \lor < 1 2 3 4 6 > Go to 1	Add Selected

3. When done selecting the widgets for binding, click the Selected button to view your selection. You may remove widgets from the list by clicking the X sign corresponding to the widget for removal.

Add Widget	×
Widgets List	Selected
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HubSpot Jira Data Center QuickBooks ON-PREMISE	Linked Bots: 0 Linked Dashboards: 1 Custom
Quickbooks Online	CREATED UPDATE OWNER 2023/02/10 08:34:16 CST 2023/02/10 08:46:50 CST
SQL Agent	Total 495 100/page -> < 1 2 3 4 5 > Go to 1 Add Selected

- Click Add Selected once you confirm the list is correct.
 Then you will see the selected widget in the widget list.

♥ Public API ③							
Enable Public API Enable Public API							
API Key Add New Key Re	API Key Add New Key Remove This Key API KEY.						
Rate Limit : 60/min							
Dataset Widget			Ac				
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Parameters							
Name		Description					
current		When you send a command requesting data, the current page data is returned according to the page response you specify.					
size		When you send a command to request data, the response will include information about how many data entries will be displayed on each page.					
Responses							
Code	Description		Links				
0	List of {}		No Links				

4. Stop connecting your data to the API

To disconnect and unbind data to the API

1. click the **Delete** icon for the datasets and widgets.

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MarketPlace	O Public API	
St. PeerGroup		
BE Apps	Ender Honz AP	
🔄 Bots	API Key test v Add Iteen Key Revence This Key API NET: 667	
Dashboards	Rete Limit : 00min	
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3. Billing		
Public Api		3 5 1 0

2. Click **Confirm** to finish the deletion.



5. Enable Public API Switch

The Enable Public API feature is the global switch that controls the availability of the Public API feature. To activate, switch the **Enable Public API** toggle ON. If disabled, the API Keys and all connected data will be inaccessible.

C Public API			
Enable Public API Enable Public API			
API Key			
	Add New Key	Remove This Key	

6. Summary

- Public API provides an HTTP-based API that follows the principles of REST.
- The HTTP rules allow the use of simple HTTP clients like cURL.
- The URLs are resource-oriented, the request format is form-encoded, and the responses are JSON.
- All operations are read-only.

7. Resources

Public API follows the REST model of exposing resources as URLs. The unified domain name of all interfaces is:

https://api.mspbots.ai/

8. Request, Response, Sample Request

REQUEST

Depending on the type of operation, the endpoints use one of two HTTP methods: POST, GET

RESPONSE

The response is in JSON format.

SAMPLE REQUEST

GET REQUEST (Dataset)

curl https://api.mspbots.ai/api/dataset/{resourceId} -H 'apikey: {apiKey}' -X GET

REQUEST

GET v https://api.mspbots.ai/api/dataset/	illin illinite=10		Send ~
Params Authorization Headers (9) Body Pr Query Params			Cookies
KEY	VALUE	DESCRIPTION	••• Bulk Edit
Current			
✓ size			
Body Cookies Headers (9) Test Results			Save Response 🗸
Pretty Raw Preview Visualize JSON			🖻 Q
1 [] 2 "code": 0, 3 "msg": "success", 4 "data": ['
36 1, 397 "total": 436, 397 "total": 436, 398 "size": 18, 399 "current": 1, 408 "orderss: 0, 402 "hitCount": false, 403 "searchCount": true, 404 "pages": 44			

RESPONSE



GET REQUEST (Widget)

curl https://api.mspbots.ai/api/widget/{resourceId} -H 'apikey: {apiKey}' -X GET

REQUEST





{		
	"code":	0,
	"msg": '	'success",
	"data":	[
	{	
		"Sum": "3",
		"Count": "10"
	},	
	{	
		"Sum": "3",
		"Count": "9"
	}	
]	
}		

Supported query criteria

(Please Note: Currently, widgets that include measure or calculate layers are not supported.)

sample URL with conditions:

dataset: https://api.mspbots.ai/api/dataset/{resourceId}1?current=1&size=2&project_name=back

widget: https://api.mspbots.ai/api/widget/{resourceId}?current=1&size=10&Real Name=n&Update Date=2021-10-10,2023-03-30,2023-04-05&Id=, 1534956341424005122

Logical Operators	Field Type					example
	TEXT	NUMBER	BOOLEAN	DATE	DATETIME	
Is Empty						status=
Contains						name=Tod
Equals						is_default=true id=654321324612312

Later Than (>=)	price=12.6, date=2022-07-01
Earlier Than (<=)	price=,56.3
between (>= and <=)	price=12.6,56.3 date=2022-07-01,2023-02-01
Multiple intervals (>= and <=) or (>= and <=)	price=12.6,56.3,103,210 date=2022-07-01,2023-02-01,2023-04-01,2023-05-01
(>= and <=) or (=)	price=12.6,56.3,105.1
(>= and <=) or (>=)	date=2022-07-01,2023-02-01,2023-04-01

9. Sample Error Responses

. Rate limits	
{"error_msg":"404 Route Not Found"}	
Invalid apiKey: Error or deleted	
<pre>{"message":"Invalid API key in request"}</pre>	
Resource unbound	
{	
"code": 500,	
"msg": "The resourceId is invalid.",	
"data": []	
}	
. The resource does not exist	
{	
"code": -1,	
"msg": "Can't find dataset",	
"data".[]	
}	

5. HTTP 502 error status code, please refer to Receiving HTTP 502 Error Status Code When Fetching Data Requests from Widget Using Public API for resolution.

502 Bad Gateway

nginx/1.23.4

Receiving HTTP 502 Error Code When Fetching Data Requests from Widget Using Public API