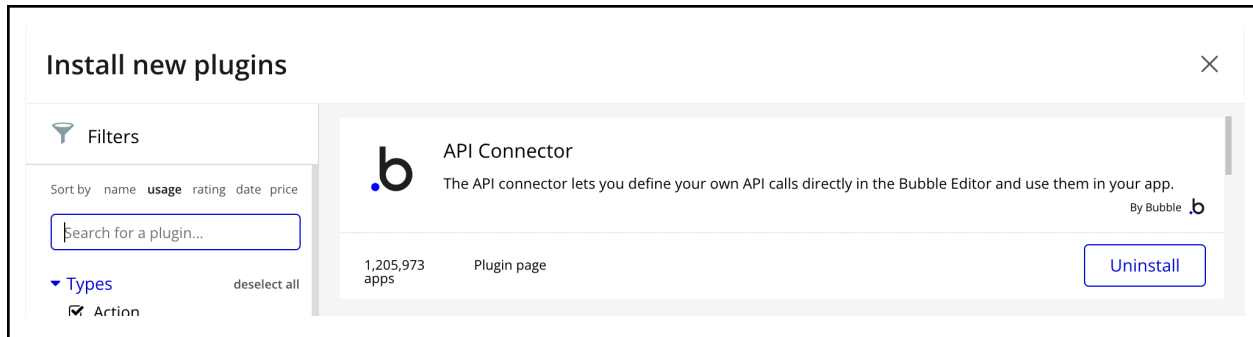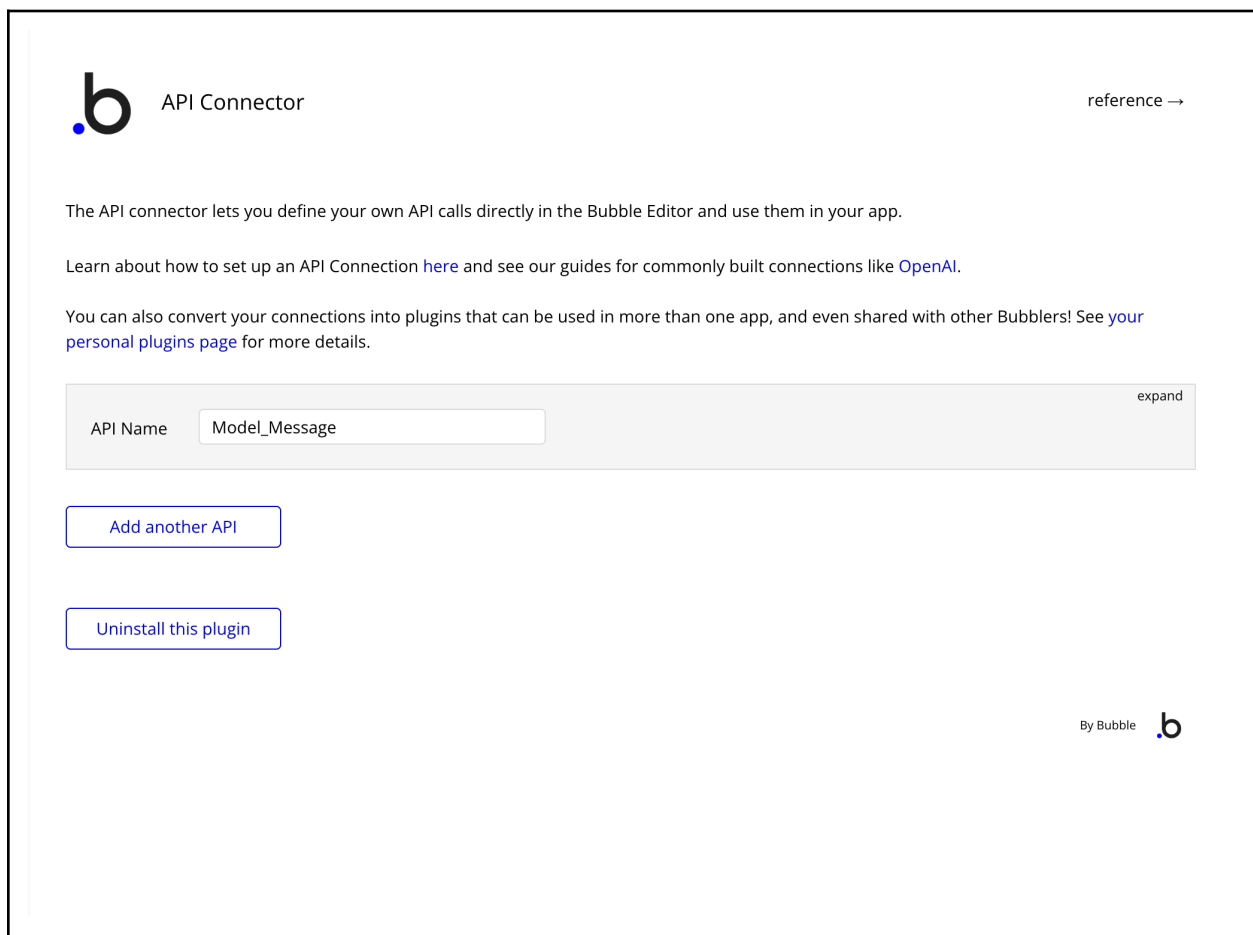## 1. Open the bubble project

- ● Go to plugins tab on the left sidebar
- ● Click Add Plugin
- ● Search API Connector

Install new plugins   ✕

Filters

Sort by   name   **usage**   rating   date   price

[Search for a plugin...]

▼ Types   deselect all
  ☑ Action

API Connector

The API connector lets you define your own API calls directly in the Bubble Editor and use them in your app.

By Bubble

1,205,973 apps   Plugin page   [Uninstall]

2. Install this plugin

- ● Click Add another API

.b API Connector   reference →

The API connector lets you define your own API calls directly in the Bubble Editor and use them in your app.

Learn about how to set up an API Connection here and see our guides for commonly built connections like OpenAI.

You can also convert your connections into plugins that can be used in more than one app, and even shared with other Bubblers! See your personal plugins page for more details.

expand

API Name   [Model_Message]

[Add another API]

[Uninstall this plugin]

By Bubble   .b

3. Click authentication dropdown

● From the drop-down options select "Private key in URL"

4. Click "Add another call"

5. Give a Name to API Call

move down   expand

Name   [API Call]

move up   collapse

Name   [API Call]   Use as [Data ▾]   Data type [JSON ▾]   🗑

[GET ▾]   [   ]   (use [] for params)

Headers

[Add header]

Parameters

[Add parameter]

Include errors in response and allow workflow actions to continue   ☐

Capture response headers   ☐

⚠ You need to initialize this call before it will work.

[Initialize call]   Manually enter API response

6. Click the "Use as" drown-down

● Select the type "Action" from it

move up   collapse

Name   [API Call]   Use as [Search... ▾]   Data type [JSON ▾]   🗑

[GET ▾]   [   ]   (use [] for params)

Data

Action

Headers

[Add header]

Parameters

[Add parameter]

Include errors in response and allow workflow actions to continue   ☐

Capture response headers   ☐

⚠ You need to initialize this call before it will work.

[Initialize call]   Manually enter API response

7. Add a shared headers in the "Api Section"

- Can also add headers in "API Call Section"

- Enter Key as:"Content-Type" & Value as:"application/json"

8. Click the request type drop-down

- Select request type as "POST"

9. Select the URL input box

- Enter your API Target URL followed by the your API Key

- <TargetURL>&api-key=<Api-Key>

- ("https://api.example.com/v1/resource?api-key=123456abcdef")

move up   collapse

| Name | API Call | Use as | Action ▾ | Data type | JSON ▾ | 🗑 |

POST ▾   <api_endpoint>&api-key=<YourApiKey>   (use [] for params)

Headers

Add header

Body type   JSON ▾

Parameters

Add parameter

10. Select the input box for "Body"

- Enter a simple JSON body type input to the model

```json
{
  "messages": [
    {"role": "user", "content": "What is AI?"}
  ],
  "max_tokens": 100
}
```

move up   collapse

| Name | API Call | Use as | Action ▾ | Data type | JSON ▾ |

POST ▾   `<api_endpoint>&api-key=<YourApiKey>`   (use [] for params)

Headers

Add header

Body type   JSON ▾

Parameters

Add parameter

Body (JSON object, use <> for dynamic values)

```json
1  {
2    "messages": [
3      {"role": "system", "content": "You are an assistant."},
4      {"role": "user", "content": "What is AI?"}
5    ],
6    "max_tokens": 100
7  }
8
```

Include errors in response and allow workflow actions to continue ☐

Capture response headers ☐

⚠ You need to initialize this call before it will work.

Initialize call   Manually enter API response

11. Verify all the steps & inputs

- ● Click the button "Initialize Call"

> ⚠ You need to initialize this call before it will work.
>
> [Initialize call]   Manually enter API response

12. Wait for the Initiation of the call

- ● If you see some outputs like the above image the call has been initialized.

Returned values - GPT-40

You can modify the data types that are returned by the call. This affects how you can use the data in Bubble. If you chose 'Ignore field', the fields won't be shown in the dropdowns.

choices (list) (see fields below)	GPT-40 choice ▾
content_filter_results hate filtered false	yes / no ▾
content_filter_results hate severity safe	text ▾
content_filter_results protected_material_code filtered false	yes / no ▾
content_filter_results protected_material_code detected false	yes / no ▾
content_filter_results protected_material_text filtered false	yes / no ▾
content_filter_results protected_material_text detected false	yes / no ▾
content_filter_results self_harm filtered false	yes / no ▾
content_filter_results self_harm severity safe	text ▾
content_filter_results sexual filtered false	yes / no ▾
content_filter_results sexual severity safe	text ▾
content_filter_results violence filtered	yes / no ▾

[SAVE]   Cancel

13. Check for the "message content" section in the output box
  ● That is the output of the prompt you passed to the model using an api call in bubble.

logprobs (no sample data)	text ▾
message content Artificial Intelligence (AI) refers to the simulation of human intelligence processes by machines, ...	text ▾
message role assistant	text ▾

14. Save the initialized call data. The API Call is now initialized successfully. You can use this call by the "API NAME" of your choice in your bubble app.

Please go through the link below for implementation and better understanding.

https://youtu.be/0k9N4myrLpg?si=PHUzXTPoZTod9ycn