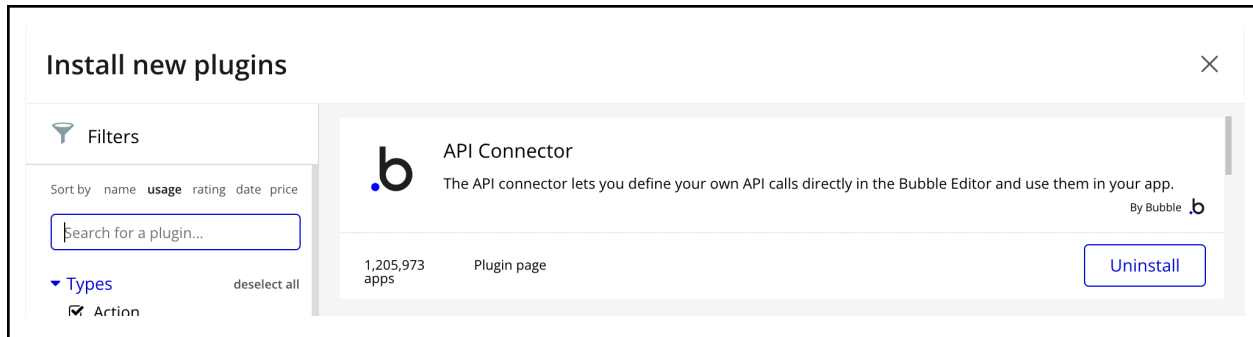


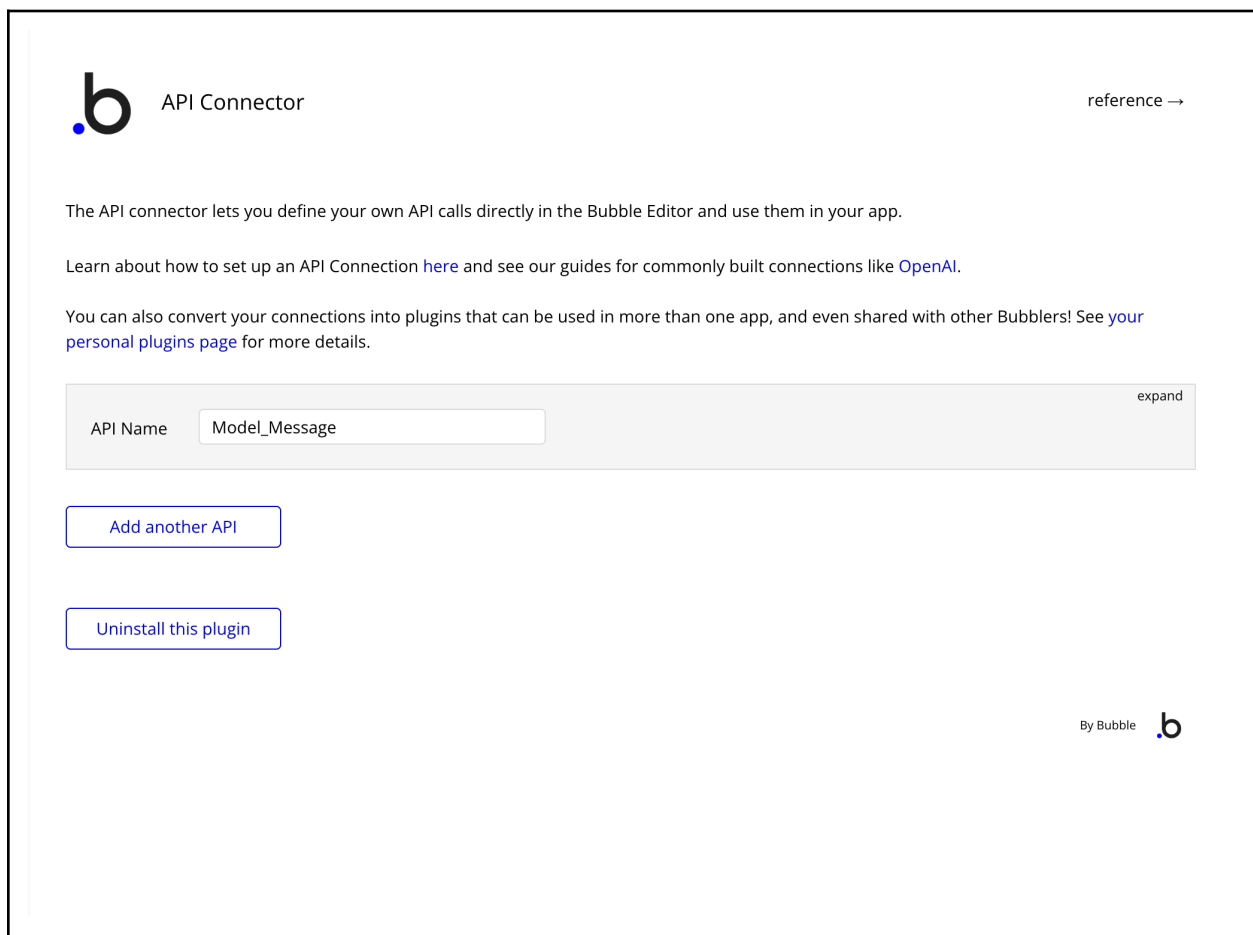
## 1. Open the bubble project

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



## 2. Install this plugin

- Click Add another API



### 3. Click authentication dropdown

- From the drop-down options select “Private key in URL”

The screenshot shows the API configuration interface. The 'API Name' field is set to 'New API'. The 'Authentication' dropdown menu is open, displaying a list of options: 'None or self-handled', 'Private key in URL', 'Private key in header', 'HTTP Basic Auth', 'OAuth2 Password Flow', 'OAuth2 User-Agent Flow', 'OAuth2 Custom Token', 'JSON Web Token', and 'Client-side SSL certificate'. The 'Private key in URL' option is highlighted. The interface also includes sections for 'Shared headers for all calls' and 'Shared parameters for all calls', each with an 'Add' button. At the bottom, there is a section for 'API Call' with a 'Name' field set to 'API Call' and an 'Add another call' button. The interface is designed with a light gray background and rounded corners.

### 4. Click “Add another call”

The screenshot shows the API configuration interface after clicking the 'Add another call' button. The 'API Name' field is set to 'New API'. The 'Authentication' dropdown menu is now set to 'Private key in URL'. The 'Key name' field is set to 'private\_key'. The 'Private key' field is empty. The 'Development key value' field is set to '(optional)'. The interface also includes sections for 'Shared headers for all calls' and 'Shared parameters for all calls', each with an 'Add' button. At the bottom, there is a section for 'API Call' with a 'Name' field set to 'API Call' and an 'Add another call' button. The interface is designed with a light gray background and rounded corners.

## 5. Give a Name to API Call

The screenshot shows a configuration panel for an API call. At the top, the 'Name' field is set to 'API Call'. Below this, there are sections for 'Headers' and 'Parameters', each with an 'Add' button. There are also checkboxes for 'Include errors in response and allow workflow actions to continue' and 'Capture response headers'. A red warning message states: 'You need to initialize this call before it will work.' At the bottom, there is an 'Initialize call' button and a link to 'Manually enter API response'.

Name: API Call

move down expand

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” dropdown

- Select the type “Action” from it

The screenshot shows the same configuration panel as before, but with the 'Use as' dropdown menu open. The menu has two options: 'Data' and 'Action'. The 'Data' option is currently selected.

Name: API Call Use as: Search... 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

## 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”

The screenshot shows the 'Api Section' configuration interface. At the top right, there is a 'collapse' button. The main configuration area includes:

- API Name:** A text input field containing 'New API'.
- Authentication:** A dropdown menu set to 'Private key in URL' with a trash icon to its right.
- Key name:** A text input field containing 'private\_key'.
- Private key:** A text input field.
- Development key value:** A text input field containing '(optional)'.
- Shared headers for all calls:** A section with a 'Key' input field containing 'Content-Type' and a 'Value' input field containing 'application/json', followed by a trash icon.
- Add a shared header:** A button below the shared headers section.
- Shared parameters for all calls:** A section with an 'Add a shared parameter' button.

## 8. Click the request type drop-down

- Select request type as “POST”

The screenshot shows the 'API Call' configuration interface. At the top right, there are 'move up' and 'collapse' buttons. The main configuration area includes:

- Name:** A text input field containing 'API Call'.
- Use as:** A dropdown menu set to 'Action'.
- Data type:** A dropdown menu set to 'JSON'.
- Search...:** A dropdown menu with a search input field and a list of request types: GET, POST, PUT, PATCH, and DELETE. The 'POST' option is highlighted.
- (use [] for params):** A text input field.
- Include errors in response and allow workflow actions to continue:** A checkbox.
- Capture response headers:** A checkbox.
- Warning:** A red triangle icon followed by the text 'You need to initialize this call before it will work.'
- Initialize call:** A button.
- Manually enter API response:** A text input field.

## 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 upcollapse

NameAPI Call

Use asAction

Data typeJSON

POST

<api\_endpoint>&api-key=<YourApiKey>

(use [] for params)

Headers

Add header

Body typeJSON

Parameters

Add parameter

## 10. Select the input box for “Body”

- Enter a simple JSON body type input to the model

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

move upcollapse

NameAPI CallUse asAction ▼Data typeJSON ▼

POST ▼<api\_endpoint>&api-key=<YourApiKey> (use [] for params)

Headers

Add header

Body typeJSON ▼

Parameters

Add parameter

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

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 callManually 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)

content_filter_results hate filtered <small>false</small>	<div>GPT-40 choice</div>
content_filter_results hate severity <small>safe</small>	<div>yes / no</div>
content_filter_results protected_material_code filtered <small>false</small>	<div>text</div>
content_filter_results protected_material_code detected <small>false</small>	<div>yes / no</div>
content_filter_results protected_material_text filtered <small>false</small>	<div>yes / no</div>
content_filter_results protected_material_text detected <small>false</small>	<div>yes / no</div>
content_filter_results self_harm filtered <small>false</small>	<div>yes / no</div>
content_filter_results self_harm severity <small>safe</small>	<div>yes / no</div>
content_filter_results sexual filtered <small>false</small>	<div>text</div>
content_filter_results sexual severity <small>safe</small>	<div>yes / no</div>
content_filter_results violence filtered	

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>