CREATE A CHATBOT IN PYTHON

Introduction

You can interact with the API through HTTP requests from any language, via our official Python bindings, our official Node.js library, or a **community-maintained library**.

To install the official Python bindings, run the following command:

```
pip install openai
```

To install the official Node.js library, run the following command in your Node.js project directory:

```
npm install openai@^4.0.0
```

Authentication

The OpenAI API uses API keys for authentication. Visit your **API Keys** page to retrieve the API key you'll use in your requests.

Remember that your API key is a secret! Do not share it with others or expose it in any client-side code (browsers, apps). Production requests must be routed through your own backend server where your API key can be securely loaded from an environment variable or key management service.

All API requests should include your API key in an Authorization HTTP header as follows:

```
Authorization: Bearer OPENAI_API_KEY
```

Organization (optional)

For users who belong to multiple organizations, you can pass a header to specify which organization is used for an API request. Usage from these API requests will count against the specified organization's subscription quota.

Example curl command:

```
1
2
3
```

```
curl https://api.openai.com/v1/models \
  -H "Authorization: Bearer $OPENAI_API_KEY" \
  -H "OpenAI-Organization: YOUR_ORG_ID"
```

Example with the openai Python package:

```
1
2
3
4
5
import os
import openai
openai.organization = "YOUR_ORG_ID"
openai.api_key = os.getenv("OPENAI_API_KEY")
openai.Model.list()
```

Example with the openai Node.js package:

```
1
2
3
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import { Configuration, OpenAIApi } from "openai";
const configuration = new Configuration({
    organization: "YOUR_ORG_ID",
    apiKey: process.env.OPENAI_API_KEY,
});
const openai = new OpenAIApi(configuration);
const response = await openai.listEngines();
```

Organization IDs can be found on your **Organization settings** page.