Libraries

Python library

We provide a Python library, which you can install by running:

```
pip install openai
```

Once installed, you can use the library and your secret key to run the following:

```python
from openai import OpenAI
client = OpenAI(
    # Defaults to os.environ.get("OPENAI_API_KEY")
)

chat_completion = client.chat.completions.create(
    model="gpt-3.5-turbo",
    messages=[{"role": "user", "content": "Hello world"}]
)
```

The bindings also will install a command-line utility you can use as follows:

```
$ openai api chat_completions.create -m gpt-3.5-turbo -g user "Hello worl
```

TypeScript / JavaScript library

We provide a TypeScript / JavaScript library with support for Node.js and various other runtimes.
Install it by running:

```
npm install --save openai
# or
yarn add openai
```

Once installed, you can use the library and your secret key to run the following:

```
1  import OpenAI from "openai";
2
3  const openai = new OpenAI({
4      apiKey: process.env.OPENAI_API_KEY,
5  });
6
7  const chatCompletion = await openai.chat.completions.create({
8      messages: [{ role: "user", content: "Say this is a test" }],
9      model: "gpt-3.5-turbo",
10 });
```

Azure OpenAI libraries

Microsoft's Azure team maintains libraries that are compatible with both the OpenAI API and Azure OpenAI services. Read the library documentation below to learn how you can use them with the OpenAI API.

- Azure OpenAI client library for .NET
- Azure OpenAI client library for JavaScript
- Azure OpenAI client library for Java
- Azure OpenAI client library for Go

Community libraries

The libraries below are built and maintained by the broader developer community. If you'd like to add a new library here, please follow the instructions in our help center article on adding community libraries. You can also watch our OpenAPI specification repository on GitHub to get timely updates on when we make changes to our API.

Please note that OpenAI does not verify the correctness or security of these projects. **Use them at your own risk!**

C# / .NET

- Betalgo.OpenAI by Betalgo
- OpenAI-API-dotnet by OkGoDoIt
- OpenAI-DotNet by RageAgainstThePixel

C++

- liboai by D7EAD

Clojure

- openai-clojure by wkok

Crystal

- openai-crystal by sferik

Dart/Flutter

- openai by anasfik

Delphi

- DelphiOpenAI by HemulGM

Elixir

- openai.ex by mgallo

Go

- go-gpt3 by sashabaranov

Java

- openai-java by Theo Kanning

Julia

- OpenAI.jl by rory-linehan

Kotlin

- openai-kotlin by Mouaad Aallam

Node.js

- openai-api by Njerschow
- openai-api-node by erlapso
- gpt-x by ceifa
- gpt3 by poteat
- gpts by thencc
- @dalenguyen/openai by dalenguyen
- tectalic/openai by tectalic

PHP

- orhanerday/open-ai by orhanerday
- tectalic/openai by tectalic
- openai-php client by openai-php

Python

- chronology by OthersideAI

R

- rgpt3 by ben-aaron188

Ruby

- openai by nileshtrivedi
- ruby-openai by alexrudall

Rust

- async-openai by 64bit
- fieri by lbkolev

Scala

- openai-scala-client by cequence-io

Swift

- OpenAIKit by dylanshine
- OpenAI by MacPaw

Unity

- OpenAi-Api-Unity by hexthedev
- com.openai.unity by RageAgainstThePixel

Unreal Engine

- OpenAI-Api-Unreal by KellanM