

Libraries

Python library

We provide a [Python library](#), which you can install as follows:

```
$ pip install openai
```



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

```
1 import os
2 import openai
3
4 # Load your API key from an environment variable or secret management service
5 openai.api_key = os.getenv("OPENAI_API_KEY")
6
7 chat_completion = openai.ChatCompletion.create(model="gpt-3.5-turbo", messages=
```



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 world"
```



Node.js library

We also have a [Node.js library](#), which you can install by running the following command in your Node.js

project directory:

```
$ npm install 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 [thenc](#)
- [@dalenguyen/openai](#) by [dalenguyen](#)
- [tectalic/openai](#) by [tectalic](#)

PHP

- [orhanerday/open-ai](#) by [orhanerday](#)
- [tectalic/openai](#) by [tectalic](#)
- [openai-php](#) [clinet](#) by [openai-php](#)

Python

- [chronology](#) by [OthersideAI](#)

R

- [rgpt3](#) by [ben-aaron188](#)

Ruby

- [openai](#) by [nileshtivedi](#)
- [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 [hexthede](#)
- [com.openai.unity](#) by [RageAgainstThePixel](#)

Unreal Engine

- [OpenAI-Api-Unreal](#) by [KellanM](#)