Libraries

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Explore language-specific libraries for using the OpenAI API.

Official REST API libraries

OpenAI provides officially supported libraries that are continually updated with the latest features available in the REST API. These libraries provide types for API inputs and outputs, and helpers for making HTTP requests, handling streaming, and in some cases communicating with the Realtime API over a WebSocket in server-to-server scenarios.

More information about installation and usage of each client library can be found below:

LANGUAGE	GITHUB	PACKAGE MANAGER
TypeScript / JavaScript	GitHub README	npm / jsr
Python	GitHub README	pypi
.NET	GitHub README	NuGet
Java (beta)	GitHub README	Maven Central
Golang (beta)	GitHub README	Install from GitHub

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. 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

simple-openai by Sashir Estela

Spring AI

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

Other OpenAI repositories

tiktoken - counting tokens

simple-evals - simple evaluation library

mle-bench - library to evaluate machine learning engineer agents

gym - reinforcement learning library

swarm - educational orchestration repository