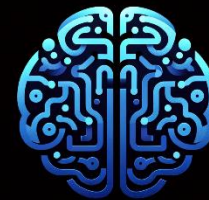


# The OpenAI API

A Brief Introduction



ReallyEasy.AI

“The OpenAI API can be *applied to virtually any task*. We offer a range of models with different capabilities and price points, as well as the ability to fine-tune custom models.”

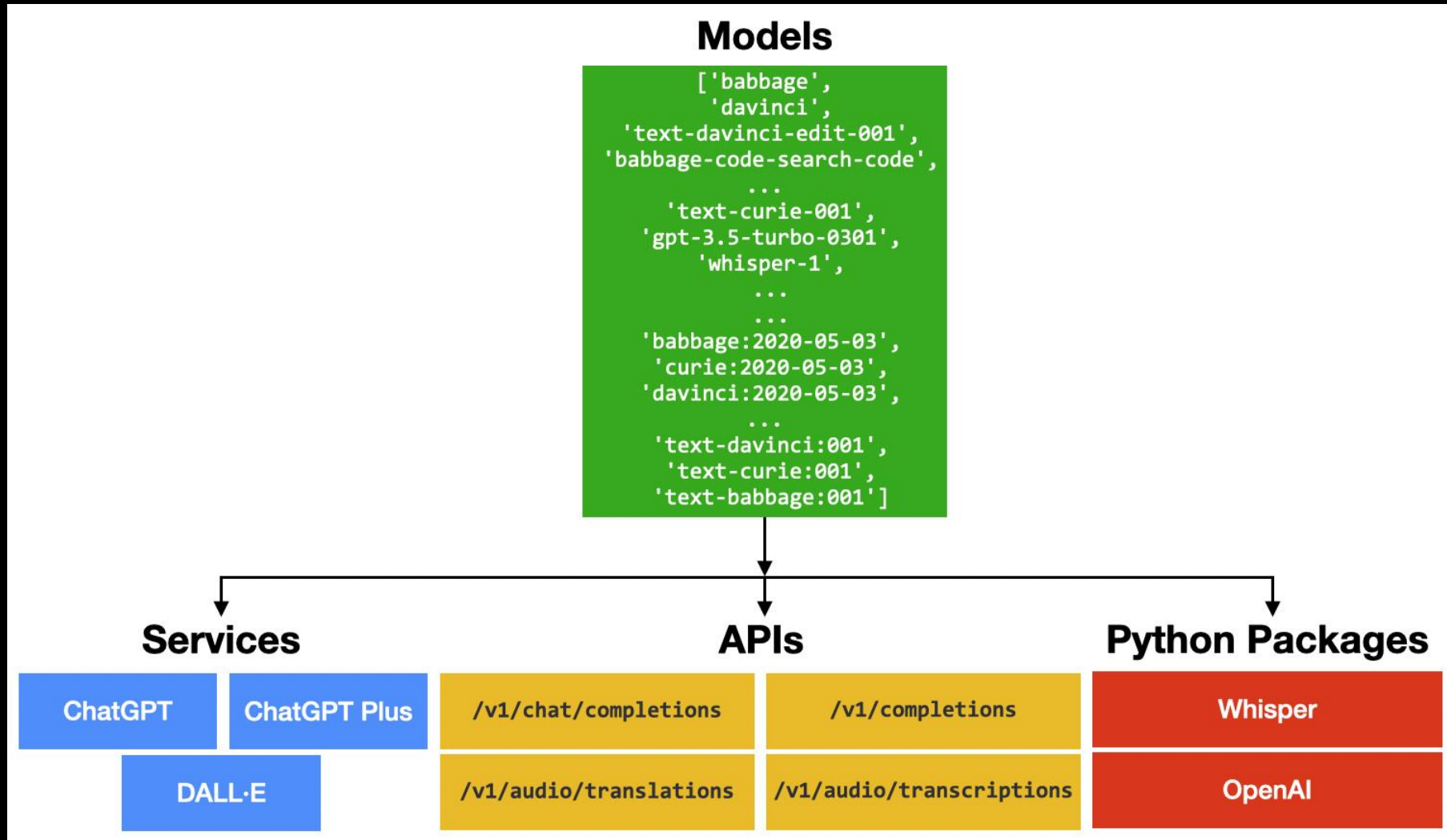
## Introduction

<https://platform.openai.com/docs/introduction>

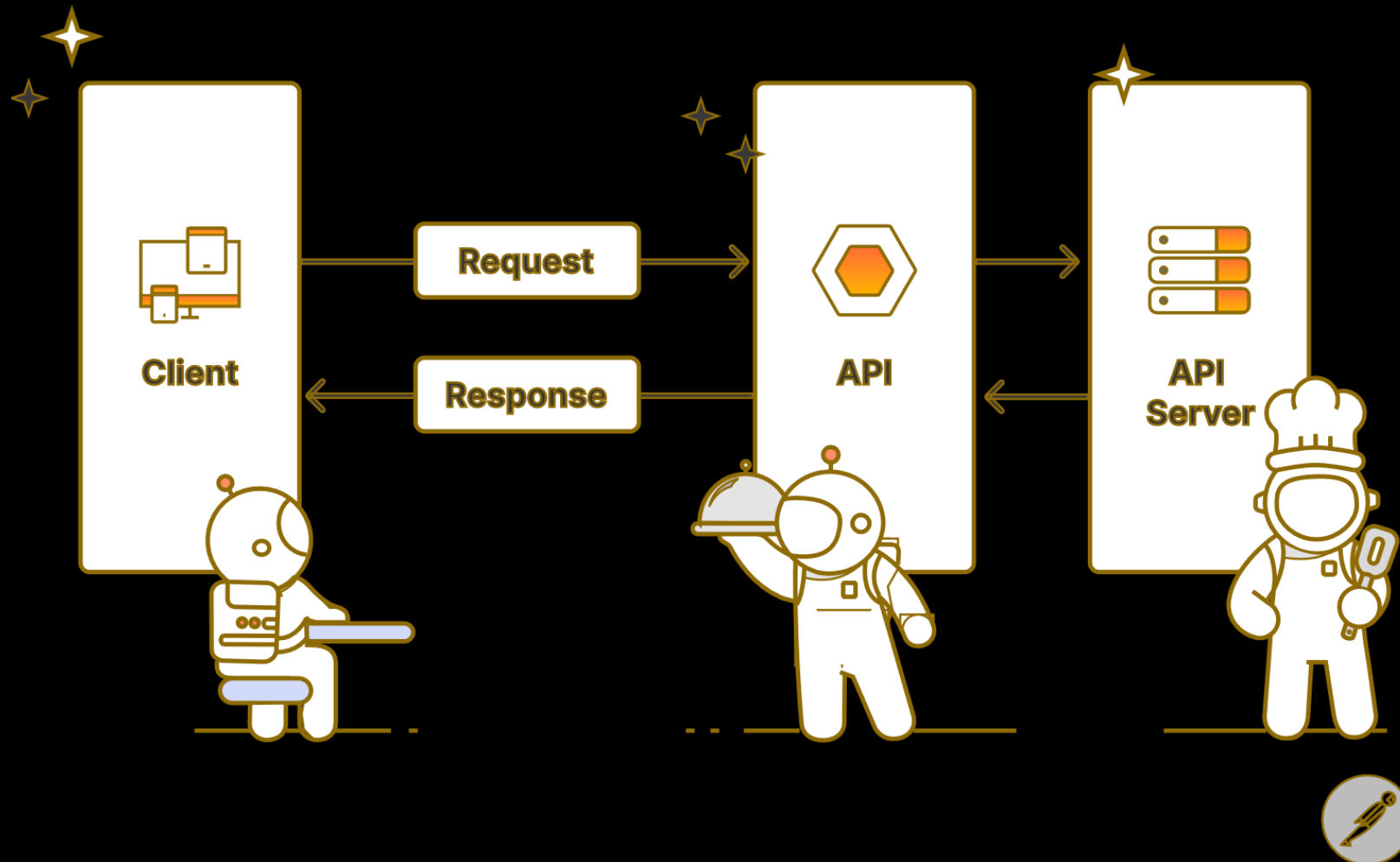
# What is an API

How Applications Communicate

# Services vs APIs vs Packages



# How APIs Work



# OpenAI API Example: Assistant

The screenshot displays the OpenAI Playground interface, specifically the 'Assistants' tab. The interface is divided into three main sections: configuration on the left, a conversation thread in the center, and a logs panel on the right.

**Configuration Panel (Left):**

- Name:** Brief Demo Assistant
- Instructions:** You are a helpful assistant.
- Model:** gpt-4-turbo-preview
- TOOLS:**
  - Functions: Add
  - Code interpreter: Off
  - Retrieval: Off
  - FILES: Add

**Conversation Thread (Center):**

- THREAD:** thread\_kat8hkdW92xCNQzYQGwEb... 39 tokens
- User:** hello!
- Run instructions:** You are a helpful assistant.
- Brief Demo Assistant:** Hello! How can I help you today?
- Input field:** Enter your message... with a 'Run' button.
- Footer note:** Playground messages can be viewed by anyone at your organization using the API.

**Logs Panel (Right):**

- LOGS:** Hide logs
- Run queued:**
  - Get run's status: GET /v1/threads/thread\_kat8hkdW92xCNQzYQGwEbPdL/runs/run\_sAHjjjvI4JHgV5D2TYR1keNL
- Run in\_progress:**
  - Get run's steps: GET /v1/threads/thread\_kat8hkdW92xCNQzYQGwEbPdL/runs/run\_sAHjjjvI4JHgV5D2TYR1keNL/steps
  - Get run's status: GET /v1/threads/thread\_kat8hkdW92xCNQzYQGwEbPdL/runs/run\_sAHjjjvI4JHgV5D2TYR1keNL
- Run completed:** 39 tokens
  - Get run's steps: GET /v1/threads/thread\_kat8hkdW92xCNQzYQGwEbPdL/runs/run\_sAHjjjvI4JHgV5D2TYR1keNL/steps

## Welcome to the OpenAI developer platform

### Start with the basics

#### Quickstart tutorial

Make your first Chat Completions API request

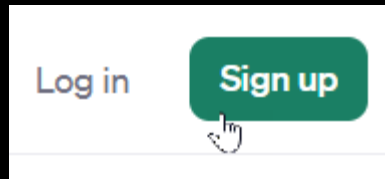
#### Prompt examples

Explore what OpenAI models can do with prompts

# Getting Started

Setting Up an Account

# Registration




## Create your account


Email address


Already have an account? [Log in](#)

---

OR

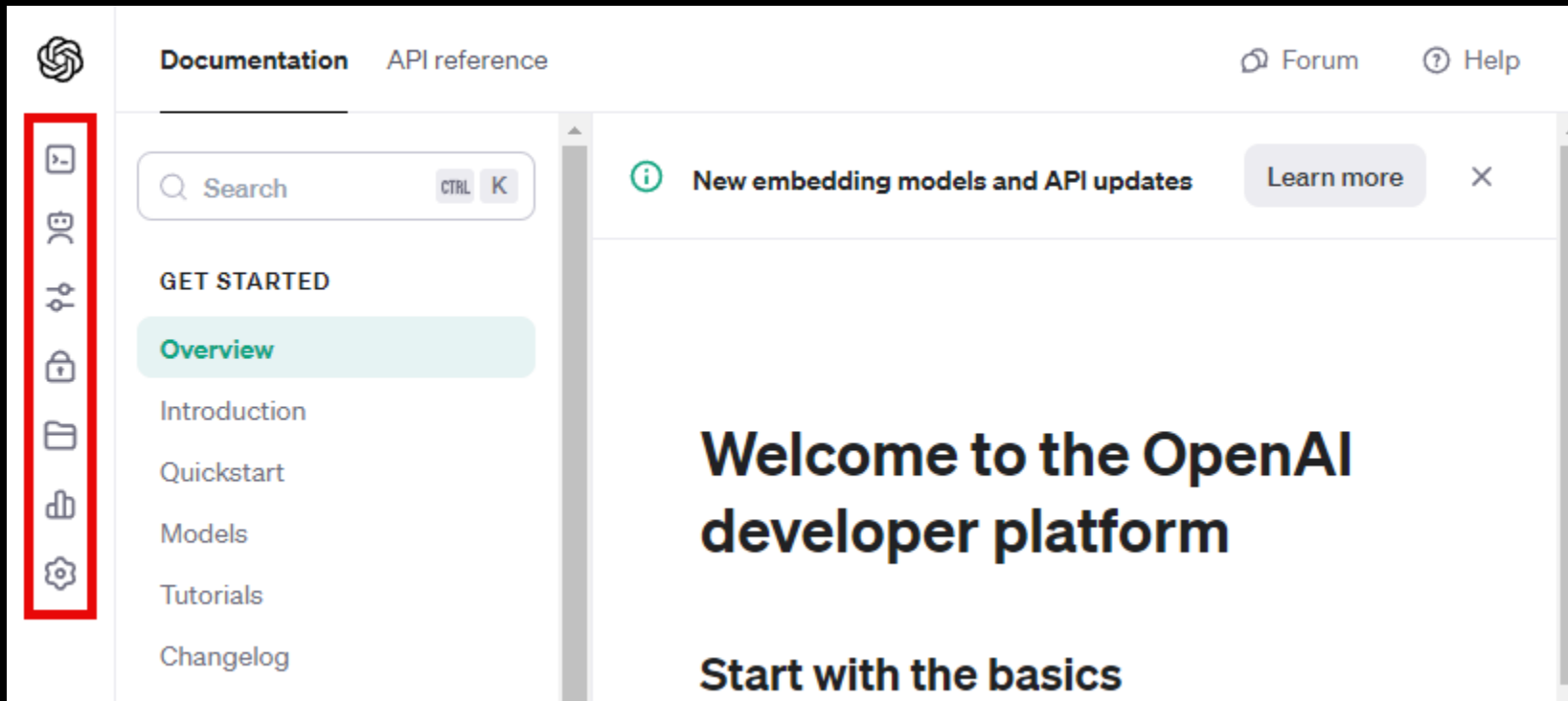
 Continue with Google

 Continue with Microsoft Account

 Continue with Apple



# Logging In



# Exploring the Settings

Key Settings to Change

# Organization

## Details

### Organization name

Human-friendly label for your organization, shown in user interfaces

Personal

### Organization ID

Identifier for this organization sometimes used in API requests

org-pVVz7vloIUbPZ57QYvcMQi9y

## Features and capabilities

### Threads

Threads page shows messages created with the Assistants API and Playground.

- ☒ Hidden
- ☐ Visible to organization owners
- ☐ Visible to everyone

### Usage dashboard visibility

Usage dashboard shows activity and costs for your organization.

- ☐ Visible to organization owners
- ☒ Visible to everyone

Save

# Team

## Team

Invite members

R

ReallyEasyAI Consulting  
consulting@reallyeasy.ai

You

Owner

↕

Leave

# Limits

## Limits

### Rate limits

API usage is subject to rate limits applied on tokens per minute (TPM), requests per minute or day (RPM/RPD), and other model-specific limits. Your organization's rate limits are listed below.

Visit our [rate limits guide](#) to learn more about how rate limits work.



**Note:** Limits for specific model versions may vary, expand the table to see all models.

MODEL	TOKEN LIMITS	REQUEST AND OTHER LIMITS
gpt-3.5-turbo	40,000 TPM	3 RPM 200 RPD
text-embedding-3-small	150,000 TPM	3 RPM 200 RPD
dall-e-3		3 RPM 200 RPD
tts-1		3 RPM 200 RPD
whisper-1		3 RPM 200 RPD

✓ [Show all models](#)

# Billing

## Billing settings

Overview

Payment methods

Billing history

Preferences

### Free trial

Credit remaining ⓘ

\$0.00

Add payment details

View usage



**Note:** This does not reflect the status of your ChatGPT account.



#### Payment methods

Add or change payment method



#### Billing history

View past and current invoices



#### Preferences

Manage billing information



#### Usage limits

Set monthly spend limits



#### Pricing

View pricing and FAQs

# Profile

## User profile

### Name

The name associated with this account

ReallyEasyAI Consulting

### Email address

The email address associated with this account

consulting@reallyeasy.ai

### Phone number

The phone number associated with this account

[REDACTED]

Save

# Understanding Billing

API Usage Credits



## Free Trial API Credits

- When you create a new account OpenAI grants 5\$ in free credits that you can use within three months before they expire.
- After that you will have to supply credit card details and purchase credits in advance before using them.
- Phone numbers associated with an existing account will not receive additional free credits.
- After the credits are used you will need to supply a payment method.

# Your First Brick Wall

**Playground** Chat ▾ Your presets ▾ Save View code Share ⋮

**SYSTEM**  
You are a helpful assistant.

**USER**      test

⊕ Add message

⚠ You've reached your usage limit. See your [usage dashboard](#) and [billing settings](#) for more details. If you have further questions, please contact us through our help center at [help.openai.com](https://help.openai.com).

Submit ⌚

Model  
gpt-3.5-turbo ▾

Temperature 1

Maximum length 256

Stop sequences  
Enter sequence and press Tab

Top P 1

Frequency penalty 0

Presence penalty 0

# Usage Explained

## Usage

Cost

Activity

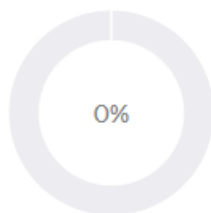
< February >

Export

### Monthly Spend \$0.00



### Monthly Bill Feb 1 - 29



\$0.00

/ \$0.00 limit

Increase limit

### Credit Grants USD

No credit grants found.

### Invoices

No invoices found.

# Pay to Play

## Add payment details



Add your credit card details below. This card will be saved to your account and can be removed at any time.

### Card information



Card number

MM / YY CVC

### Name on card

### Billing address

Country



Address line 1

Address line 2

City

Postal code

State, county, province, or region

Cancel

Continue

# Usage Tiers

Leveling Up Your Model Usage

# Starting at Free

## Increasing your limits

Your organization is currently in **Free**. Your limits will automatically be increased once you move to the next usage tier based on the criteria outlined below. Visit our [usage tiers documentation](#) to learn more about the limits associated with each tier.

### CURRENT TIER

Free

Once the following criteria are met, you'll automatically move to the next tier:

- Start by [upgrading to a paid account](#)
- At least **\$5** spent on the API since account creation.

[View payment history](#) [Buy credits](#)

### NEXT TIER

Usage tier 1

# How to Level Up

TIER	QUALIFICATION	USAGE LIMITS
Free	User must be in an <a href="#">allowed geography</a>	\$100 / month
Tier 1	\$5 paid	\$100 / month
Tier 2	\$50 paid and 7+ days since first successful payment	\$500 / month
Tier 3	\$100 paid and 7+ days since first successful payment	\$1,000 / month
Tier 4	\$250 paid and 14+ days since first successful payment	\$5,000 / month
Tier 5	\$1,000 paid and 30+ days since first successful payment	\$10,000 / month

# Why Level Up?

Free	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5
------	--------	--------	--------	--------	--------

## Free tier rate limits

This is a high level summary and there are per-model exceptions to these limits (models with larger context windows have different rate limits). To view the details for your account, visit the [limits](#) section of your account settings.

MODEL	RPM	RPD	TPM	TPD
gpt-3.5-turbo	3	200	40,000	
text-embedding-ada-002	3	200	150,000	
whisper-1	3	200		
tts-1	3	200		
dall-e-2	5 img/min			
dall-e-3	1 img/min			


## Tier 1 rate limits

This is a high level summary and there are per-model exceptions to these limits (models with larger context windows have different rate limits). To view the details for your account, visit the [limits](#) section of your account settings.

MODEL	RPM	RPD	TPM	TPD
gpt-4	500	10,000	10,000	-
gpt-4-turbo-preview*	500	10,000	150,000	500,000
gpt-4-vision-preview*	80	500	10,000	-
gpt-3.5-turbo	3,500	10,000	60,000	-
text-embedding-ada-002	500	10,000	1,000,000	-
whisper-1	50	-	-	-
tts-1	50	-	-	-
tts-1-hd	3	-	-	-
dall-e-2	5 img/min	-	-	-
dall-e-3	5 img/min	-	-	-



# How High Should You Go?



## CURRENT TIER

Usage tier 4

Once the following criteria are met, you'll automatically move to the next tier:

- At least **\$1,000** spent on the API since account creation.
- At least **30 days** passed since first successful payment.

[View payment history](#) [Buy credits](#)

## NEXT TIER

Usage tier 5

# Your First Chat

Having Fun in the Playground

SYSTEM

You are a helpful assistant.

USER

hello!

ASSISTANT


Hello! How can I assist you today?

 Add message

Submit



Model

gpt-3.5-turbo 

Temperature

1

Maximum length

256

Stop sequences

Enter sequence and press Tab

Top P


1

Frequency penalty

0

Presence penalty

0

 API and Playground requests will not be used to train our models. [Learn more](#)

 Give us feedback

