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Adding a ModelxAIGroq

AI GATEWAY API KEY=your ai gateway api key

Replace your_ai_gateway_api_key with your actual AI Gateway API key from the previous step.

The AI Gateway provider will default to using the AI_GATEWAY_API_KEY environment variable

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OpenAI

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    Pinecone

                                              Create your application

    Together AI

• API
                                              Create an index.ts file in the root of your project and add the following code
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     • REST API
        Vercel SDK
                                              Anthropic OpenAI Google Grok

    Build Output API

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                                                index.ts

    Build Output

               Configuration
                                               limport { ModelMessage, streamText } from 'ai';

    Features

                                               2import 'dotenv/config';
3import * as readline from 'node:readline/promises';

    Vercel Primitives

· Build & Deploy
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                                               5const terminal = readline.createInterface({
                                                6input: process.stdin,

    Builds

                                               7output: process.stdout,
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                                               8});

    Build Features

    Build Image

                                              10const messages: ModelMessage[] = [];
               ➤ Expand menu
                                              12async function main() {

    Build Image

                                              13while (true) {
                                              14const userInput = await terminal.question('You: ');
                    Packages

    Build Queues

                                                     messages.push({ role: 'user', content: userInput });
                                              16
           Configuring a BuildManaging Builds
                                              18
                                                     const result = streamText({

    Deploy Hooks

                                                       model: 'anthropic/claude-opus-4-20250514',
        Deployment Retention
                                              20
                                                       messages,

    Deployments

                                                    });
                                              21
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                                              22
                                                     let fullResponse = '';
                                              23

    Environments

                                                     process.stdout.write('\nAssistant: ');

    Generated URLs

                                                     for await (const delta of result.textStream) {

    Managing

                                                      fullResponse += delta;
              Deployments
                                                       process.stdout.write(delta);
                                              27
              Deployments
                                              29
                                                    process.stdout.write('\n\n');

    Troubleshoot Build

              Errors
                                              31
                                                     messages.push({ role: 'assistant', content: fullResponse });

    Accessing Build

                                              33}

    Claim Deployments

                                              34}
           ■ Inspect OG
                                              35
              Metadata
                                              36main().catch(console.error);

    Preview Deployment

              Suffix

    Sharing a Preview

              Deployment

    Environment Variables

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                                              Run your application

    Framework

              Environment
              Variables
                                              Now you can run your application:

    Managing

              Environment

    Reserved

              Environment
                                              pnpm tsx index.ts
              Variables

    Sensitive

              Environment
                                              You should see a prompt where you can start chatting with the AI. The responses will be streamed in real-time!
              Variables

    Shared Environment

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                                              Continue with the AI SDK documentation to learn advanced configuration, set up provider routing and fallbacks, and explore more integration examples
           ■ <u>GitHub</u>

    Azure DevOps
```

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Using OpenAI SDK

The AI Gateway provides OpenAI-compatible API endpoints that allow you to use existing OpenAI client libraries and tools with the AI Gateway.

The OpenAI-compatible API includes:

. Model Management: List and retrieve the available models

Chat Completions: Create chat completions that support streaming, images, and file attachments

. Tool Calls: Call functions with automatic or explicit tool selection

Existing Tool Integration: Use your existing OpenAI client libraries and tools without needing modifications

Learn more about using the OpenAI SDK with the AI Gateway in the OpenAI-Compatible API page.

Using other community frameworks

The AI Gateway is designed to work with any framework that supports the OpenAI API or AI SDK 5.

Read more about using the AI Gateway with other community frameworks in the AI Gateway with community frameworks section.

Last updated on August 6, 2025

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Was this helpful? 😉 😊 😭

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All systems normal