

OpenAIProvider

September 4, 2026

OpenAIProvider

Kind: Class

Source: [atloria-monorepo/packages/doc-automation/src/v2/providers/openai.provider.ts](#)

Implements: `AIProvider`

Methods

Method	Signature	Returns
<code>generate</code>	<code>generate(prompt: string, options: OpenAIGenerateOptions, stage: JobStage)</code>	<code>Promise<OpenAIResponse></code>
<code>generateWithStreaming</code>	<code>generateWithStreaming(prompt: string, options: OpenAIGenerateOptions, stage: JobStage)</code>	<code>Promise<OpenAIResponse></code>
<code>generateText</code>	<code>generateText(prompt: string, options: Omit<OpenAIGenerateOptions, 'messages'>, stage: JobStage)</code>	<code>Promise<string></code>
<code>generateJSON</code>	<code>generateJSON(prompt: string, options: OpenAIGenerateOptions, stage: JobStage)</code>	<code>Promise<{ data: T; response: OpenAIResponse }></code>
<code>verifyClaim</code>	<code>verifyClaim(claim: string, sourceCode: string, context: string)</code>	<code>`Promise<{</code>

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verified: boolean;
confidence: number;
reasoning: string;
issues?: string[];
```

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}> | | generateWithStructuredOutput | generateWithStructuredOutput(options: {
prompt: string;
schema: object;
model?: string;
}) | Promise<{ content: T; usage: { inputTokens: number; outputTokens: number } }> |
| isAvailable | isAvailable() | Promise |
| getThrottlingStatus | getThrottlingStatus() | { consecutiveFailures: number;
adaptiveDelayMs: number; lastFailureTime: number }` |

```

Properties

Property	Type
name	any

Where it refuses work

- `OpenAIProvider` stops the work with `Error` when `!config.apiKey && !config.azureApiKey` — “OpenAI provider requires either apiKey or azureApiKey”.
- `OpenAIProvider` stops the work with an early return when `error instanceof AIProviderError`.

When something fails

- `OpenAIProvider` handles failure in 5 places: it lets it reach the caller in 2, logs it and continues in 1, turns it into a return value in 1, and discards it silently in 1. A failure discarded silently leaves no trace for whoever debugs this later.