TECHNOLOGIE UND ARCHITEKTUR

Sirion Feingold

Recap





Überblick Technologien









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Inhalt



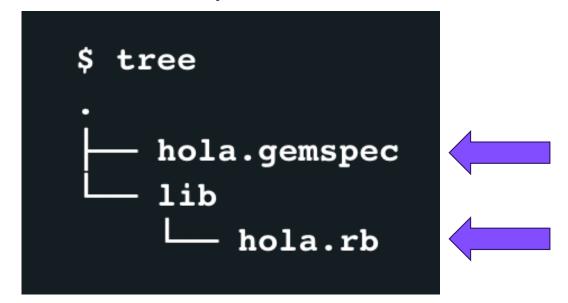
RUBY-GEMS

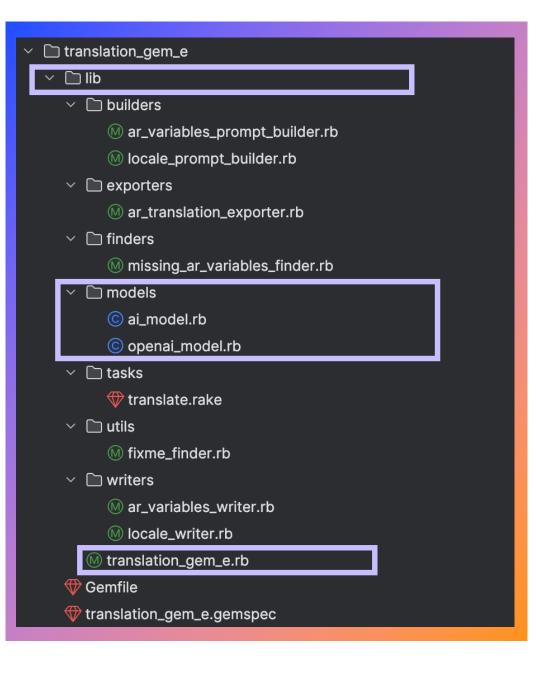
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Was ist ein Ruby-Gem?

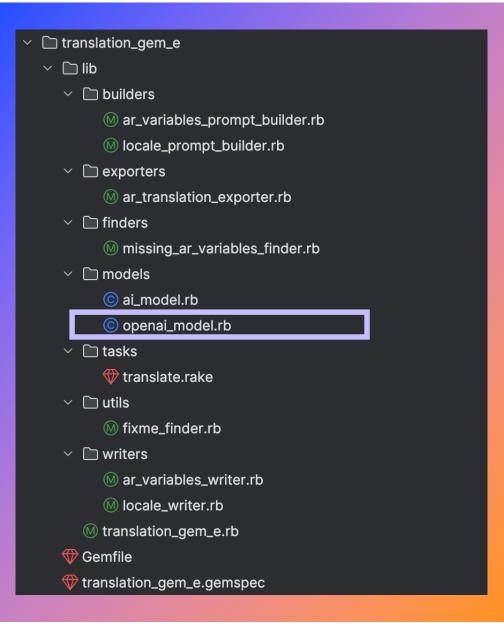
- Wiederverwendbarer Ruby-Code
- Innerhalb eines Gems:
 - Code, Dokumentation, Gemspec





Architektur unseres Gems

- Single Responsibility Principle
- Generisches Al-Modell als Superklasse



Feature unseres Gems



ANFRAGE AN CHATGPT

ldee





Ruby-OpenAl Gem

API access Key in .env File

OpenAl_Model: Configuration

OpenAl_Model: System Prompt

system_prompt += "\nAdditional context to consider: #{context}" if context

```
# building prompt
system_prompt = <<~PROMPT

"You are a translator. Your task is to provide translations in #{target_language}.#{' '}

Your response must be formatted as JSON. Use an index starting from 0 as the key and the translation as the value.

Please use professional medical terminology as used by doctors.

Ensure the translation is clear, accurate, and formal. Do not include any other text outside of the Hash structure.

PROMPT

# optional context</pre>
```

Aufruf OpenAl-API

```
response = @client.chat(
 parameters: {
   model: 'gpt-4o-mini', # ChatGPT Model --> gpt-40 is VERY slow; may require request_timeout > 5min
   messages: [
       role: 'system',
       content: system_prompt # with additional context
       role: 'user',
       content: prompt
   temperature: 0 # decides how "creative" ChatGPT is allowed to be.
```

