Name	Talk
Albert Einstein	Relativity of Al Agents
Pavol Hejný	Al agents with commitments
George Orwell	2084 - Vision of the Al tyranny
Ada Lovelace	The First Al Programmer
Jiří Jahn	Randomness and Stochastics in Al
Harry Potter	Generate spells with AI

Dear Mr. Hejný,

We are writing to inform you that your call for papers, "Al Agents with Commitments," has been selected for presentation at our Supercool Conference in London on September 8, 2025.

Travel and accommodation expenses will be covered.

We look forward to your presentation!

Yours sincerely,

John Smith

## Prompt:

Write email to {Name} as an organizer of the Supercool Conference in London on September 8, 2025, to inform them that their call for papers {Talk} has been selected for presentation. Travel and accommodation expenses will be covered.

Dear Mrs. Lovelace,

We are pleased to inform you that your call for papers, "The First AI Programmer," has been selected for presentation at our Supercool Conference in London on September 8, 2025.

Travel and accommodation expenses will be covered.

We look forward to your poetical insights into the world of AI programming!

Yours sincerely,

John Smith

Dear Mr. Orwell,

We are pleased to inform you that your call for papers, "2084 - Vision of the Al Tyranny," has been selected for presentation at our Supercool Conference in London on September 8, 2025.

Travel and accommodation expenses will be covered.

Be prepared for a thought-provoking discussion on the future of AI and its implications on society.

We look forward to your presentation!

Yours sincerely,

John Smith

Dear Mr. Potter,

We are pleased to inform you that your call for papers, "Generate Spells with AI," has been selected for presentation at our Supercool Conference in London on September 8, 2025.

Be prepared for a magical experience as we cover your travel and accommodation expenses.

We look forward to your enchanting presentation!

Yours sincerely,

John Smith

I will write an email to Jiří Jahn.

Should I use a professional tone or a friendly tone?

### **Better Prompt:**

Write email to {Name} as an organizer of the Supercool Conference in London on September 8, 2025, to inform them that their call for papers {Talk} has been selected for presentation. Travel and accommodation expenses will be covered.

- Write just the email, no other text
- Use a professional tone
- Use Markdown format
- The email should be 10 words long and not exceed 2 pages
- do not include any other information or instructions

- ...

## **Better Integration:**

```
import { countWords, countPages } from '@promptbook/utils';
const openai = new OpenAI( /* ... API Key ... */});
for (let i = 0; i < RETRY COUNT; i++) {</pre>
    const response = await openai.chat.completions.create({
        /* ... Prompt ... */
    });
    const email = response.choices[0].message.content;
    if (/\*+/.match(name)) {
        continue;
    if (countWords(email) < 10 | countPages(email) > 2) {
        continue;
    return email;
```

# Disadvantages

- Portability (i.e. gpt-4 vs claude-3.7)
- Need for Programmer or no-code tool
- Mixing code and prompt
- Security issues (i.e. prompt injection)
- Reliability issues (fails in edge cases)

Is this some better way to write Al Agents and Al Apps?

### **Book:**

Write email to @Name as an organizer of the @Supercool Conference in London on September 8, 2025, to inform them that their call for papers @Talk has been selected for presentation. Travel and accommodation expenses will be covered.

PERSONA @George Organizer of the @Supercool Conference event

KNOWLEDGE @Supercool Conference supercoolconference.com

LANGUAGE English

**TONE** Professional

**FORMAT** Markdown

**LENGTH** 10 words - 2 pages

# Advantages

- Writing one native code to define Al Agent
- Portability (i.e. gpt-4 vs claude-3.7, temperature, top\_t, system messages)
- © Guideline to write excellent prompts
- Separation of code and prompt
  - You don't need to call developer each time you want to do the change
- Clear separation of data and instructions















### **Promptbook:** Al apps in plain Language

Write AI applications using plain human language across multiple models and platforms.



#### **X** New Features

- VS Code support for . book files with syntax highlighting and IntelliSense
- ② Official Docker image (hejny/promptbook) for seamless containerized usage
- A Native support for OpenAl o3-mini, GPT-4 and other leading LLMs
- Q DeepSeek integration for advanced knowledge search

### Promptbook Engineutils all are published from single monorepo.

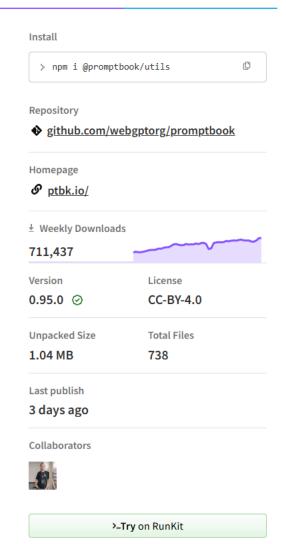
• This package @promptbook/utils is one part of the promptbook ecosystem.

To install this package, run:

```
# Install entire promptbook ecosystem
npm i ptbk
# Install just this package to save space
npm install @promptbook/utils
```

Utility functions used in the library, but also useful for individual use in pre and post-processing of LLM inputs and outputs.

Here is an overview of the functions that can be exported from the <code>@promptbook/utils</code> package and used in your own projects:



**™Report** malware

#### Cinamia tamaniatina

# **\( \)** Let's Connect

# **Promptbook**

ptbk.io github.com/webgptorg/promptbook

### Jiří Jahn

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# Pavol Hejný

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