

# Powerful Gen AI Client EmEditor Professional

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<https://www.emeditor.com/>

# Generative AI (Gen AI)

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Prompt

How do you say  
"Hello" in Korean?



Gen AI



Response

"안녕하세요"

Prompt Engineering

EmEditor makes it easier to create better prompts!

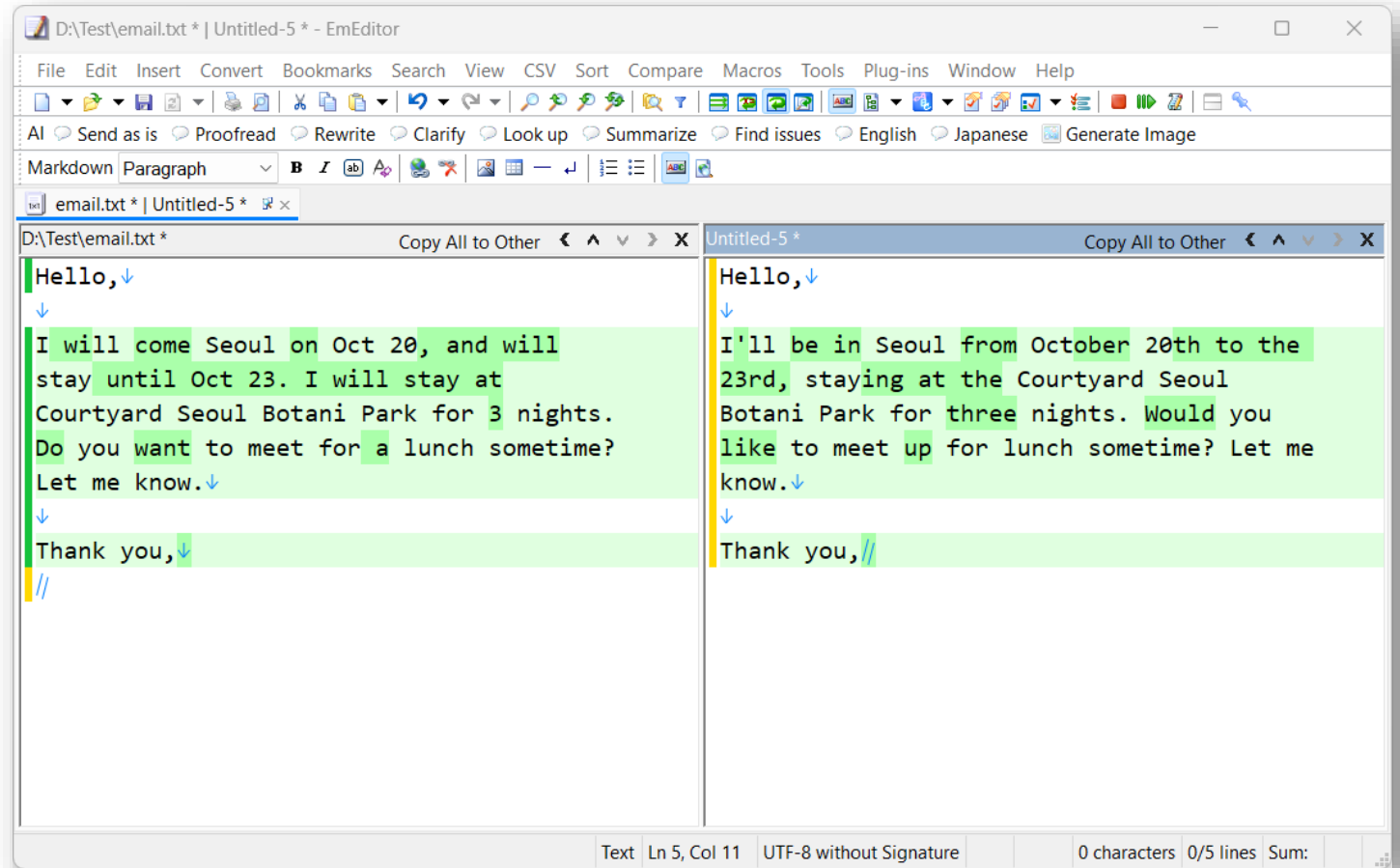
# Useful Scenarios (1)

- Rewrite

1. Write your draft text
2. Click “Rewrite” on AI toolbar

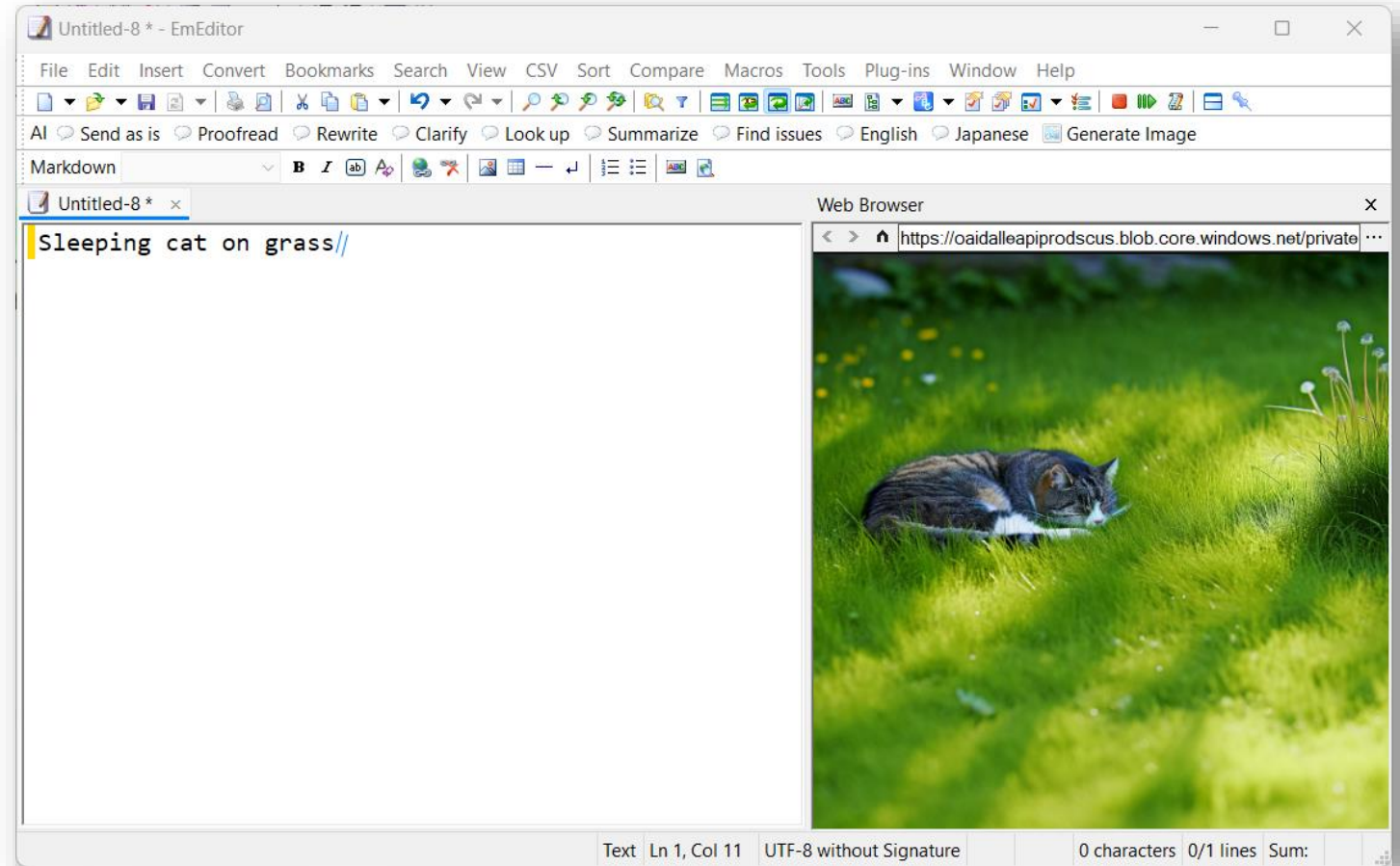
## Similarly...

- Proofread
- Summarize
- Translate



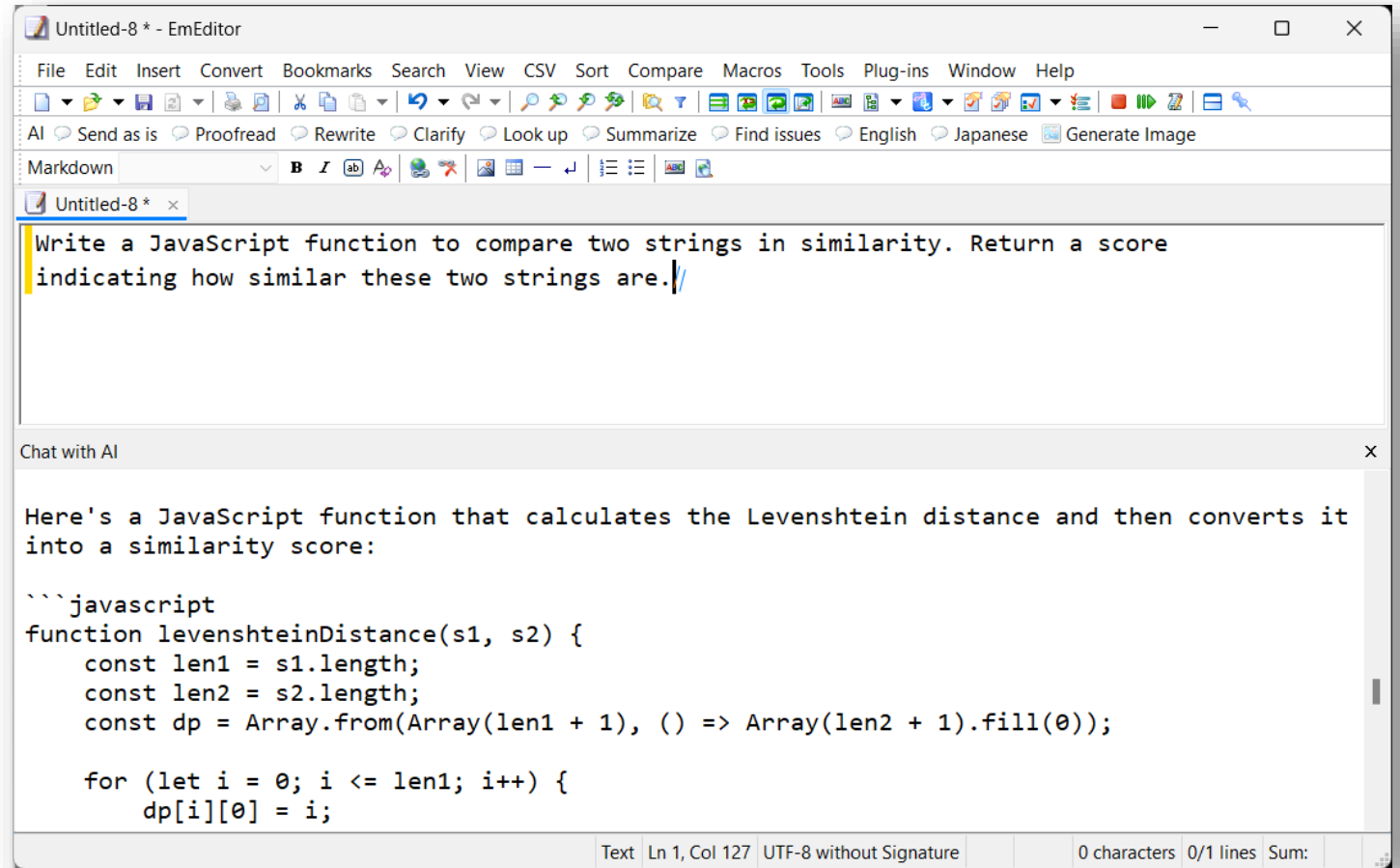
# Useful Scenarios (2)

- Generate Image
  1. Write your text
  2. Click “Generate Image” on AI toolbar



# Useful Scenarios (3)

- Coding
  1. Write a function definition
  2. Click “Send as is” on AI toolbar



# Chat with AI (1)

Easily ask questions to OpenAI

For multi-line prompts, use  
**Shift+Enter** for a line break

Ask follow-up questions based  
on the ongoing conversation

Chat with AI

You> Hello!

gpt-4o> Hi there! How can I assist you today?

You> How are you?

gpt-4o> I'm just a program, so I don't have feelings, but I'm  
assist you today?

You> |

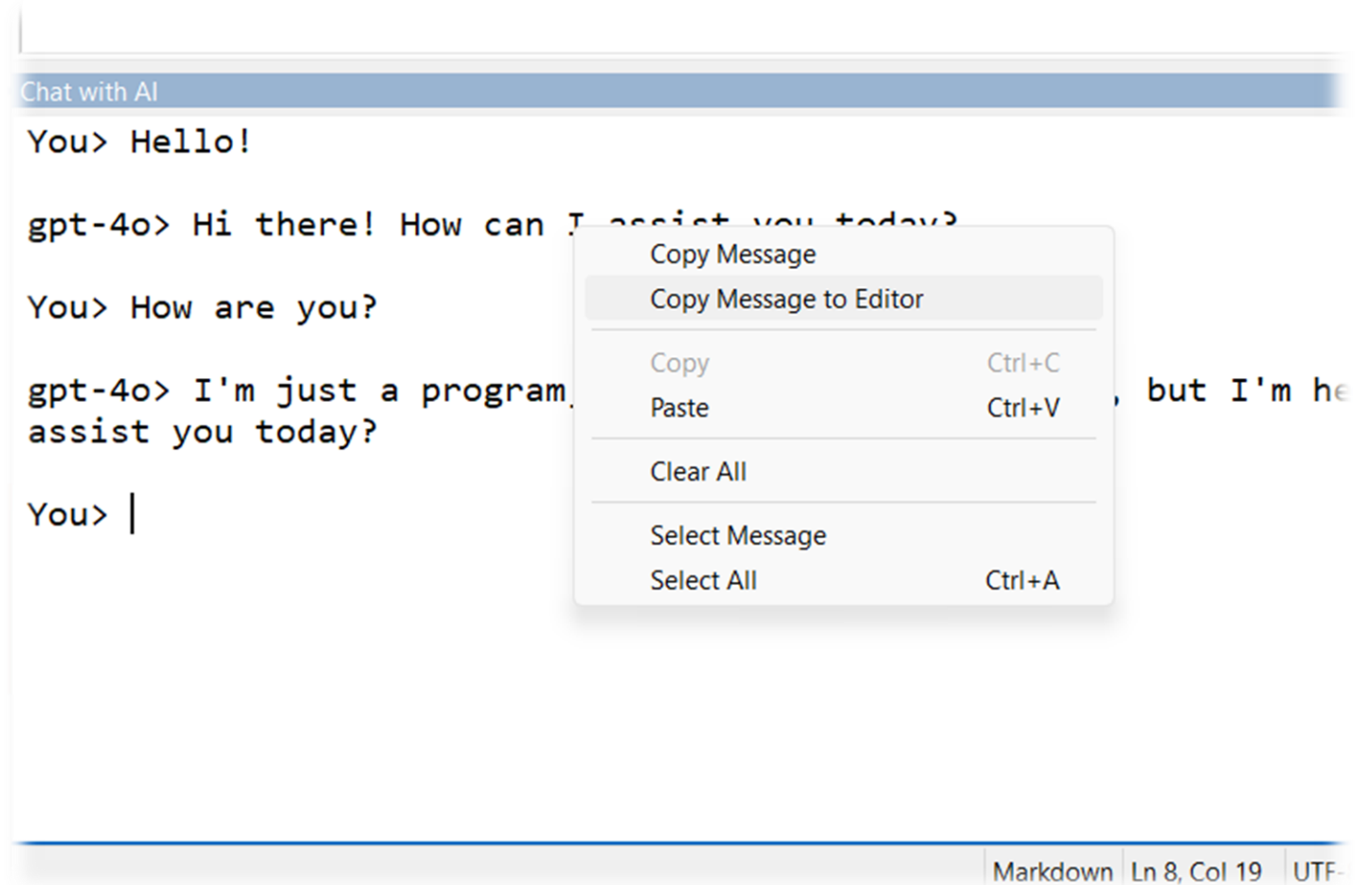
Text Ln 1, Col 1

# Chat with AI (2)

Right-click to show context menu

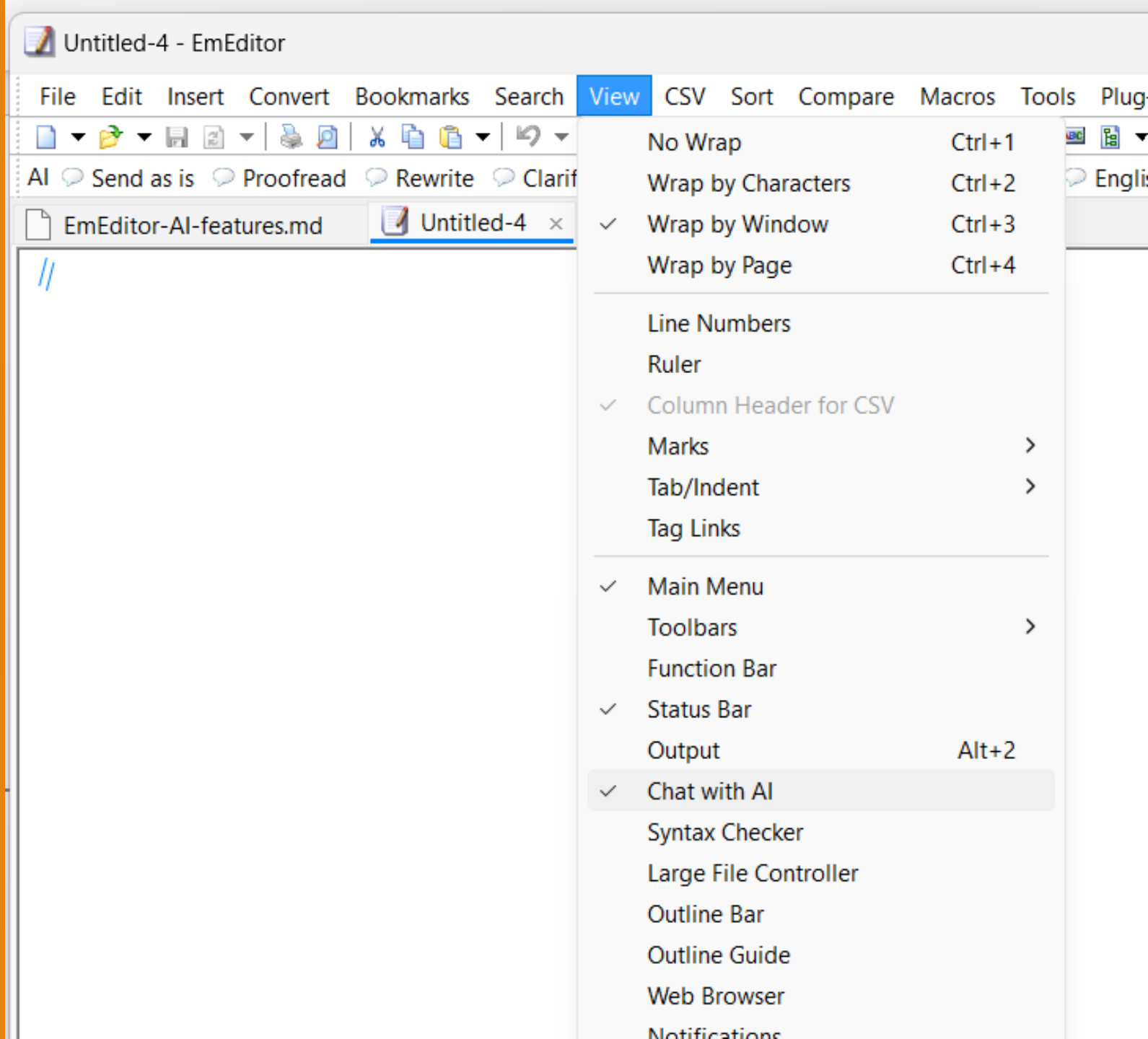
**Copy** and **paste** messages

**Clear all** to start a new conversation



# Chat with AI (3)

Select **Chat With AI On View** To show or hide

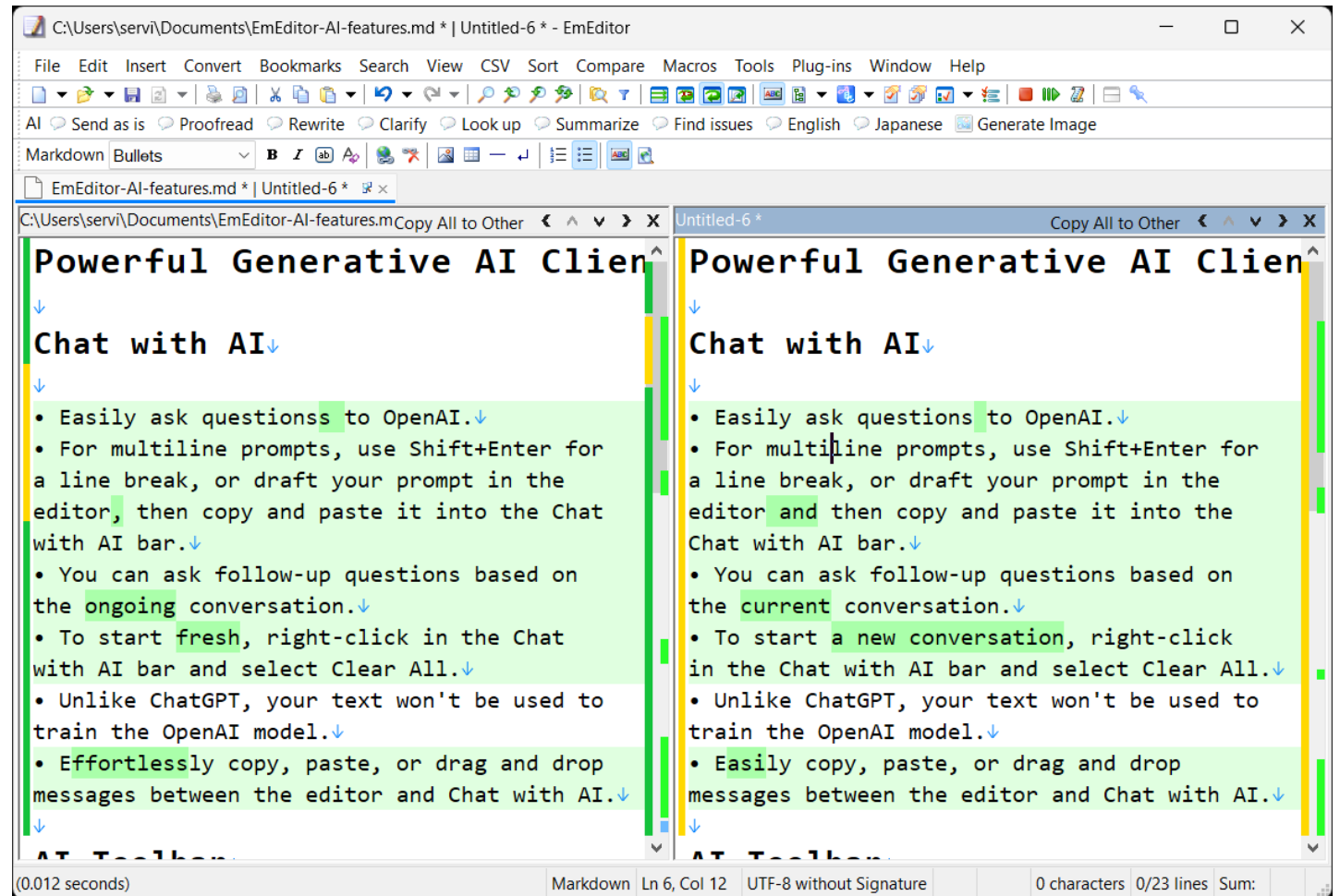




# AI Toolbar (1)

Predefined prompts include:

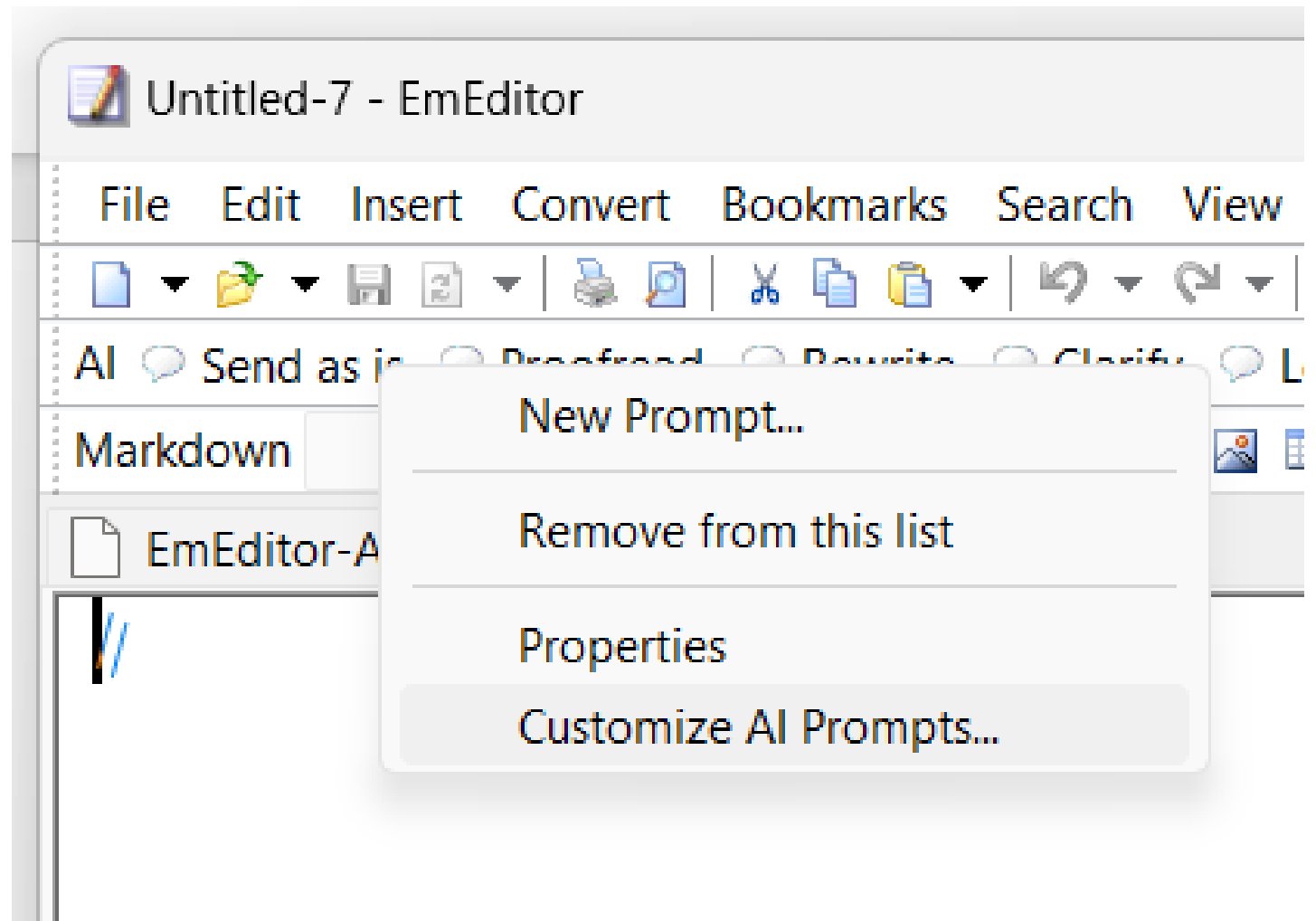
- Send as is
- Proofread
- Rewrite
- Clarify
- Lookup
- Summarize
- Find issues
- English
- Japanese
- Generate Image



## AI Toolbar (2)

Right-click, select Customize AI Prompts to define frequently used prompts

If you want to tweak a prompt before using it, select New Prompt.



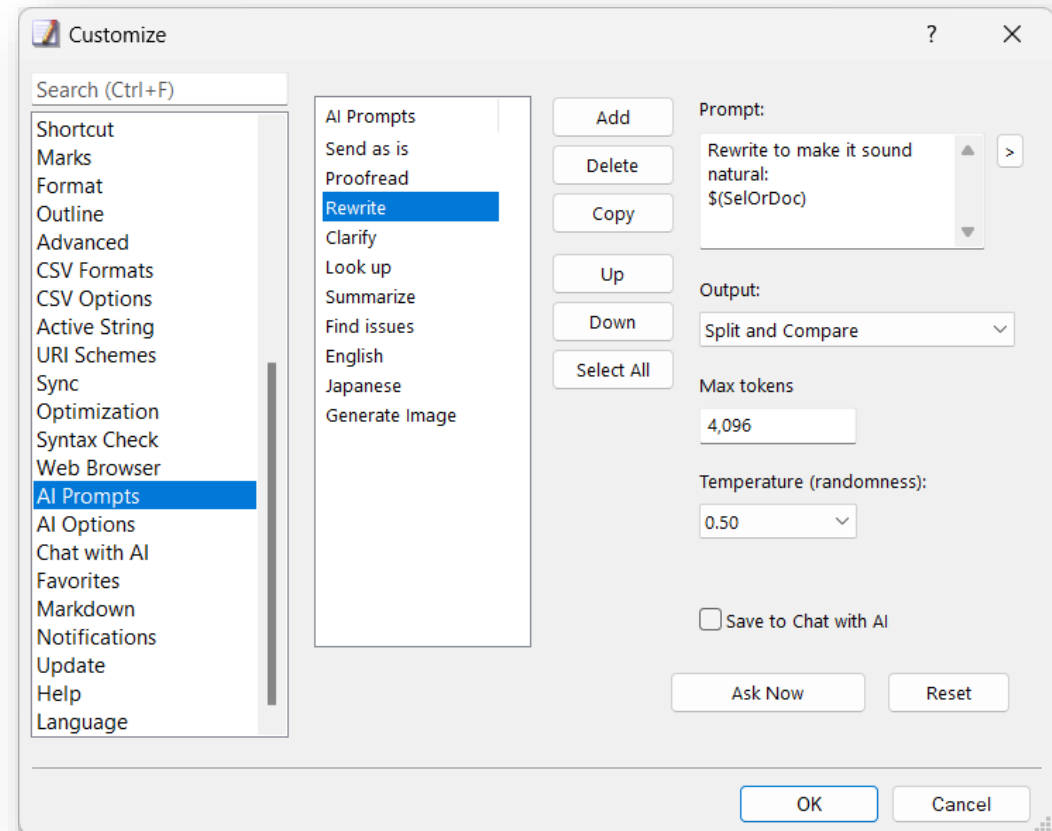
# AI Prompts (1)

Create new prompts using placeholders:

- `$(DocText)` Entire document
- `$(SelText)` Selection
- `$(SelOrDoc)` Selection or entire document

For example:

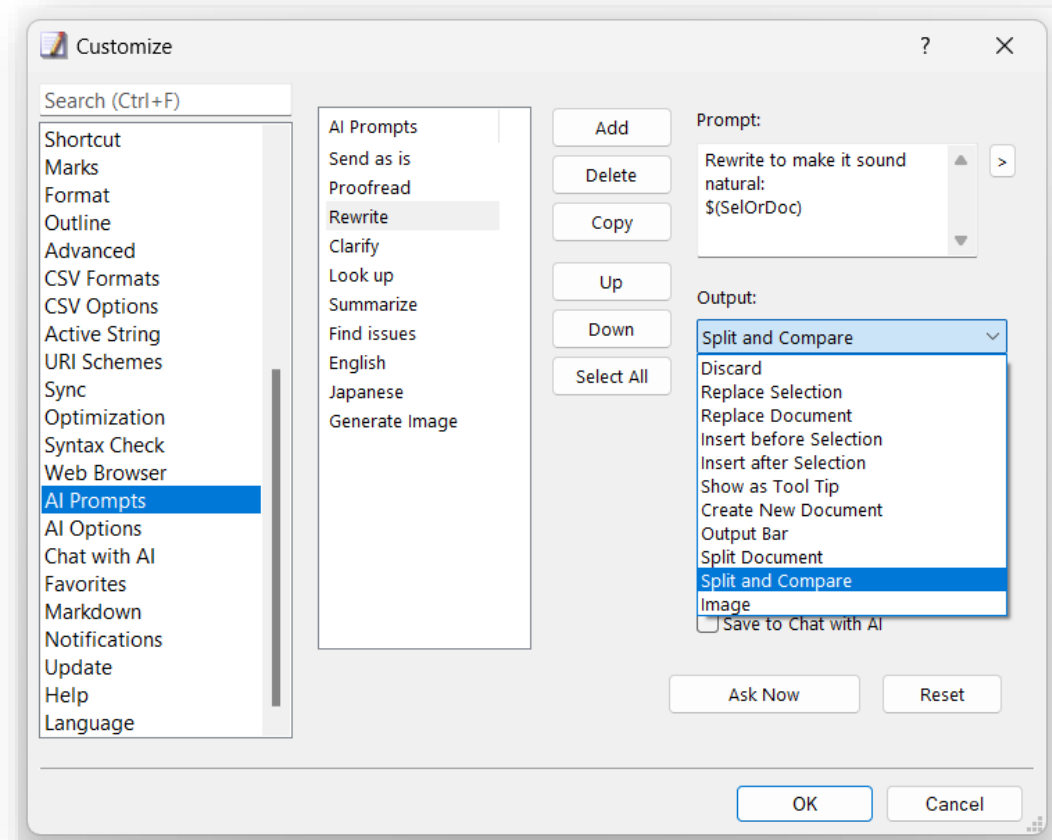
Rewrite to make it sound formal:  
`$(SelOrDoc)`



# AI Prompts (2)

## Output

- Where to display AI responses
  - Discard
  - Replace Selection
  - Replace Document
  - Insert before Selection
  - Insert after Selection
  - Show as Tooltip
  - Create New Document
  - Output Bar
  - Split Document
  - Split and Compare
  - Image



# AI Prompts (3)

## Max tokens

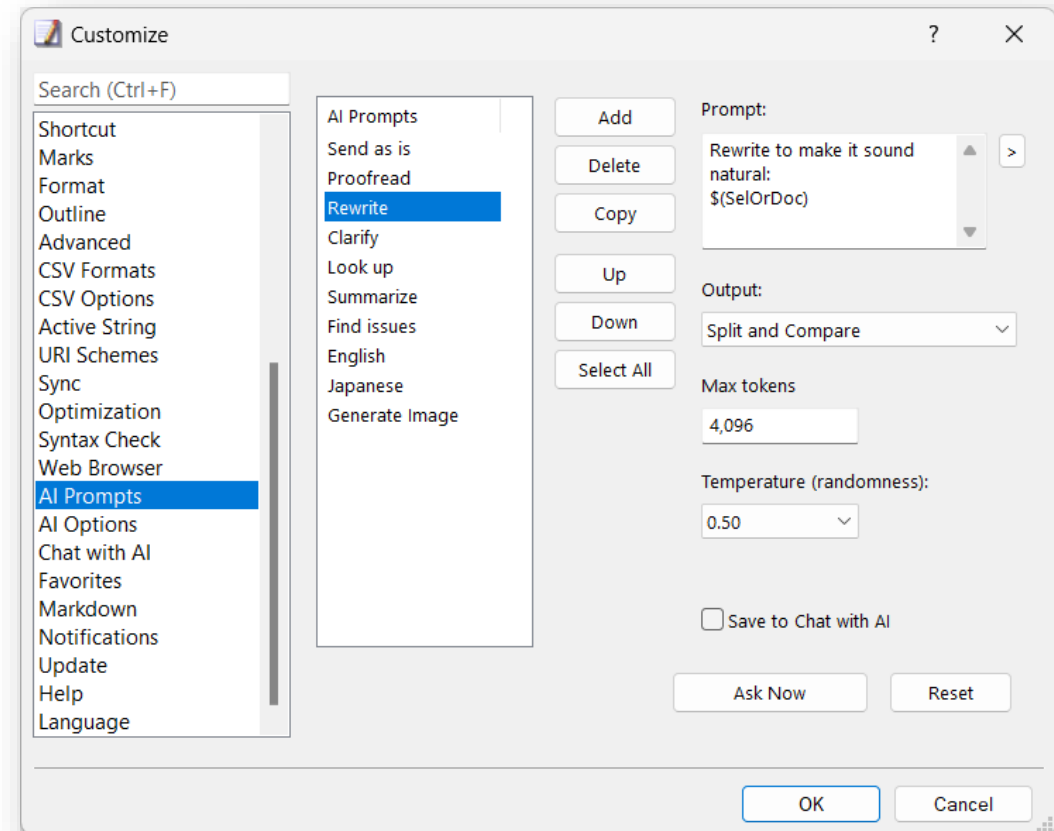
Limit the number of words in AI responses

## Temperature

Randomness

## Save to Chat with AI

Save conversations



# AI-Assisted Writing (1)

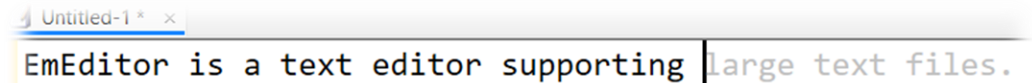
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Automatically suggests text as you type

Press following keys:

- [Tab] or [End] - accept a suggestion
- [Right] - accept one character at a time
- [Ctrl]+[Right] - accept a word
- [Delete] - remove the first character of the suggested text
- [Ctrl]+[Space] - force a suggestion when none is displayed or request a different suggestion

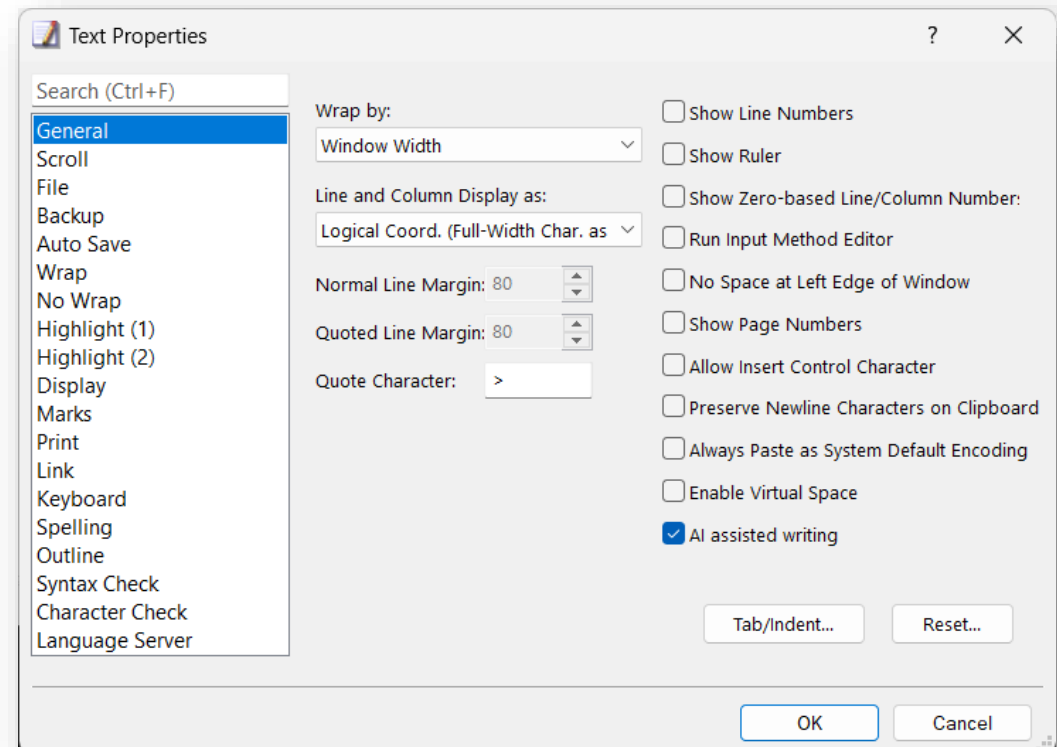
AI-Assisted Writing helps reduce typing effort and boosts writing speed!



# AI-Assisted Writing (2)

## AI assisted writing

- Must be set to use this feature  
(Configuration properties – **General** page)
- By default, this feature is enabled for **Text**, **Markdown**, and **HTML** configurations.



# AI Options

## Enable AI

Must be set to use AI features

## OpenAI API Key

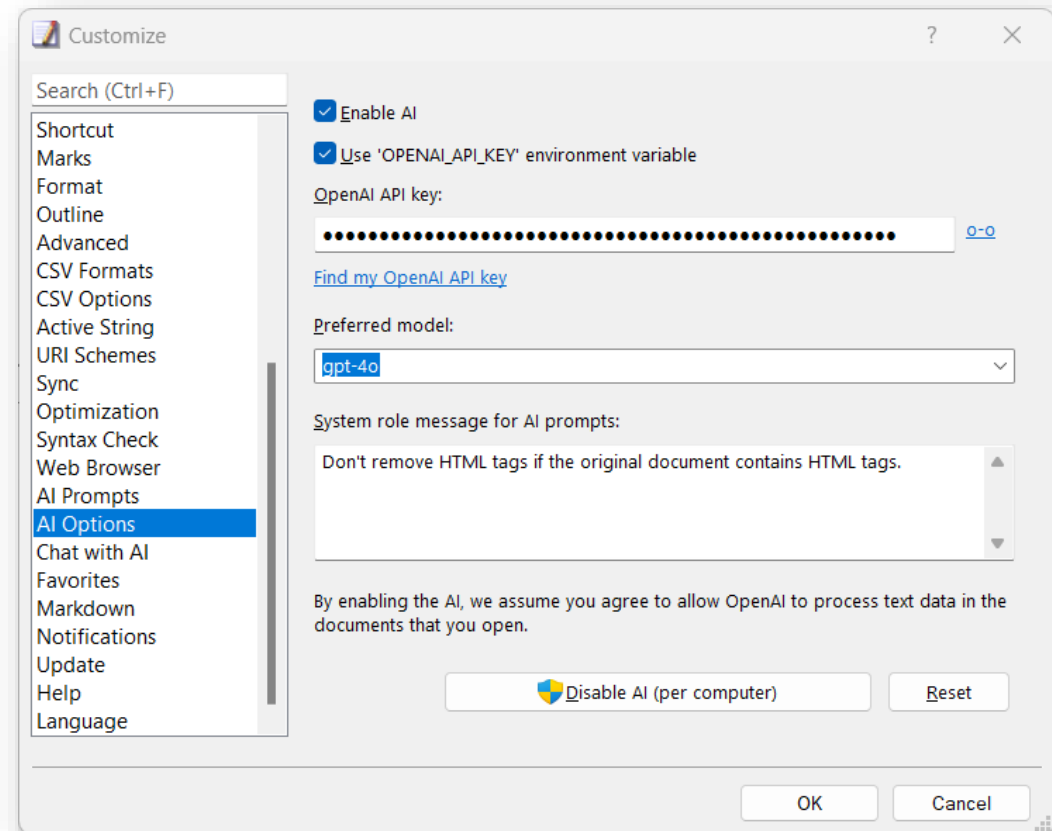
To enable AI, enter your OpenAI API key.

## Preferred model

Choose from models like **gpt-4o**, **gpt-4o-mini**, or manually enter a model name.

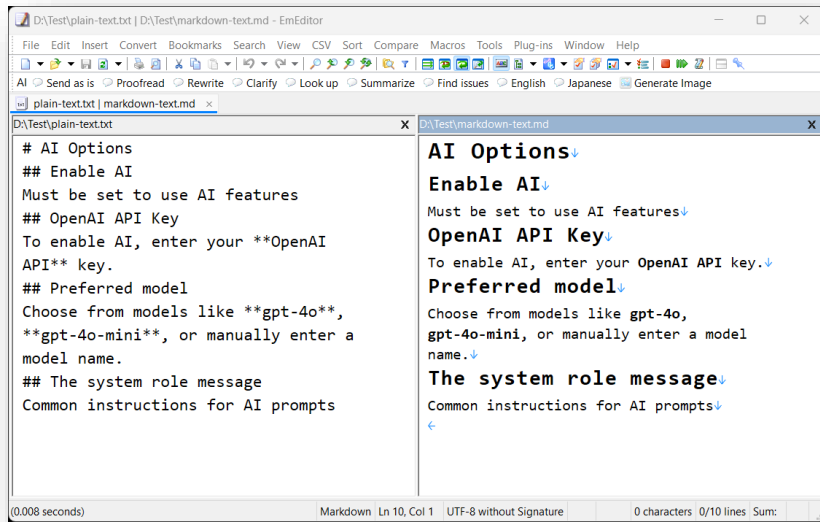
## The system role message

Common instructions for AI prompts

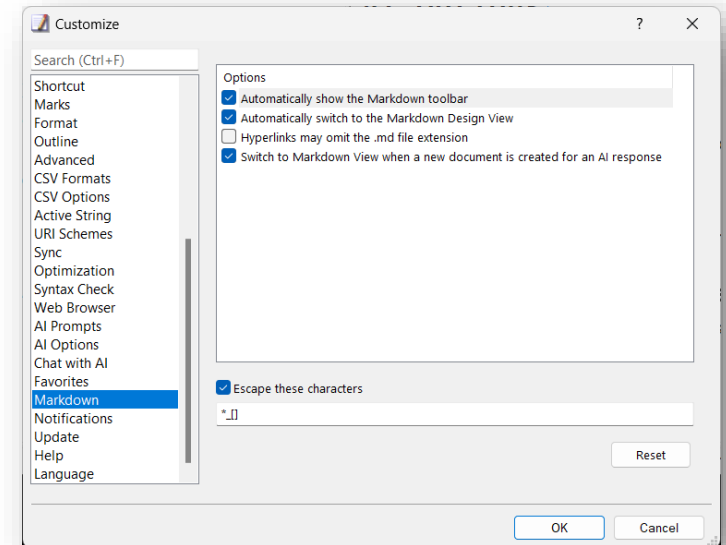




# Markdown Design View



Markdown Design View button



AI responses are shown in **Markdown Design View** by default. To change this, adjust the settings on the **Markdown** page in the **Customize** dialog.

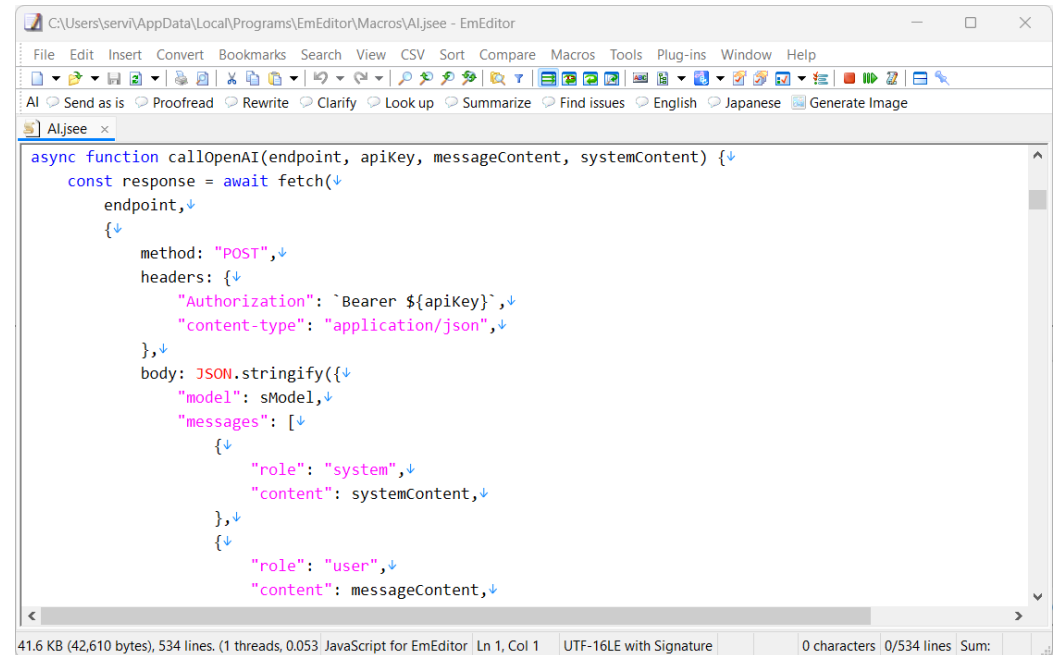
# Moreover...

Extend AI features using macros

Call OpenAI API using **JavaScript**

## AI.jsee

- Macro included in EmEditor
- Access from **Macros** menu or toolbar

A screenshot of the EmEditor application window. The title bar shows the file path: C:\Users\servi\AppData\Local\Programs\EmEditor\Macros\AI.jsee - EmEditor. The menu bar includes File, Edit, Insert, Convert, Bookmarks, Search, View, CSV, Sort, Compare, Macros, Tools, Plug-ins, Window, and Help. The toolbar contains various icons for file operations and editing. Below the toolbar, there are several AI-related macros listed: AI, Send as is, Proofread, Rewrite, Clarify, Look up, Summarize, Find issues, English, Japanese, and Generate Image. The main editor area displays the JavaScript code for the AI.jsee macro. The code is an asynchronous function named callOpenAI that takes endpoint, apiKey, messageContent, and systemContent as arguments. It uses the fetch API to send a POST request to the specified endpoint. The request headers include 'Authorization: Bearer {apiKey}' and 'content-type: application/json'. The request body is a JSON object with 'model' set to sModel and 'messages' containing an array of messages. The first message is a system message with role 'system' and content systemContent. The second message is a user message with role 'user' and content messageContent. The status bar at the bottom shows: 41.6 KB (42,610 bytes), 534 lines. (1 threads, 0.053 JavaScript for EmEditor Ln 1, Col 1 UTF-16LE with Signature 0 characters 0/534 lines Sum:).

# Why OpenAI API?

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- EmEditor Professional uses the **OpenAI API**
- OpenAI provides **GPT-4o**, one of the best gen AI models available
- Unlike **ChatGPT**, the **OpenAI API** does **not** use prompts for training their models
  - It's safer to use company documents as prompts
  - OpenAI follows strict [security compliance standards](#)
  - Requests go directly from EmEditor to OpenAI, bypassing Emurasoft servers
- Save on costs compared to using **ChatGPT Plus**
- Easily create **macros** to use the OpenAI API with **JavaScript**

# Summary

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- **Proofread** or **translate** your documents with just **one click**
- Customize your AI prompts to suit your needs
- Easily **chat with AI** to get answers
- **AI-Assisted Writing** enhances your writing speed
- Integration with OpenAI transforms EmEditor into a **powerful generative AI client**
- Extend AI features using **JavaScript** macros
- Rest assured, your prompt text is not used to train AI models

# Links

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Download EmEditor

<https://www.emeditor.com/>

OpenAI API

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

Disclaimer: This document is based on information available for EmEditor v24.4 as of October 2024. Please note that features may change in the future. For the most up-to-date information, please visit the [EmEditor homepage](#).