# The AI-powered Shell

## Why you want to use ChatGPT in your PS-terminal

# Roman Stadlmair

- **Country Manager Austria SEPPmail**
- **Toolmaking**
- **Bridge Sales/Development**

https://www.powershell.co.at

7 x MVP PowerShell

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# Agenda

- The loneliness of the $\geq$ and the uncertanty of AI
- How to leverage OpenAI on the prompt
- Summary
- Takeaways

# ≥ Environment

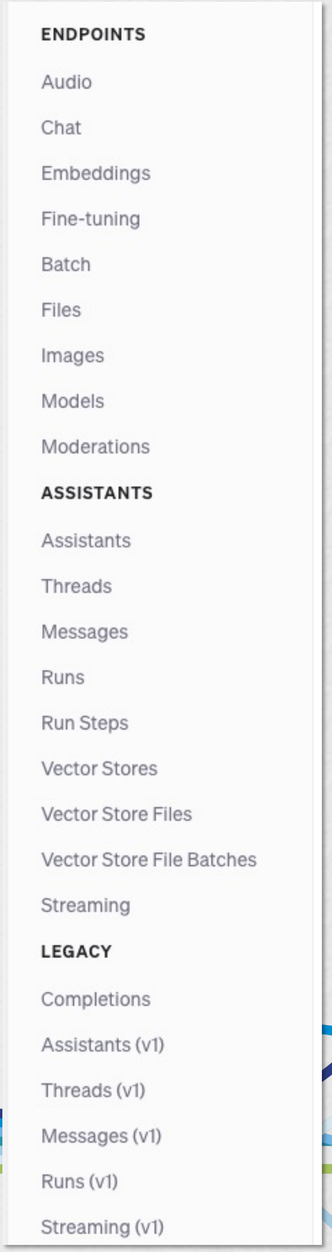
- Server Core
- Old server environment
- No IDE

unknown

# Using ChatGPT in PowerShell

# Native API

- https://platform.openai.com/docs/api-reference/introduction



# PS AI Module

- Written by Doug Finke
- Project website: https://github.com/dfinke/PSAI
- Version 0.2
- Paid subscription required.

| Version | Downloads |
|---|---|
| 0.2.0 (current version) | 114 |
| 0.1.2 | 279 |
| 0.1.0 | 136 |

# Invoke-OAICHat / ai

- Useful for „quick“, generic questions
- No chat history

# Invoke-OAIChatCompletion

- Dialouge-style
- Learns from the discussion
- Requires helper-function

# Using Instuctions

- More specific output
- Immediately useable
- No Dialouge

# Create code

- Works OK

# Assistants

- Provide very specific expertise
- Can be created/removed on demand
- Also usabe for longer-running tasks

# Summary

- Use Invoke-OAIchat (ai) for quick questions
- Build a convenient function for Invoke-OAIChatCompletion for dialouges
- Use instructions for more precise outcomes
- Generate and use code on the command prompt
- Use well prepared assistants for specific tasks

# AI and PS

## Decide yourself…

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# Closing

Closing Subtext

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