



# Leveraging AI to Troubleshoot Kubernetes with K8sGPT

Cloud Native Meetup Linz  
May 30th, 2023

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K8sGPT Maintainer



@thschue 

# My Motivation to Contribute :-)



# Agenda

**What could go wrong in Kubernetes? - Demonstration 1**

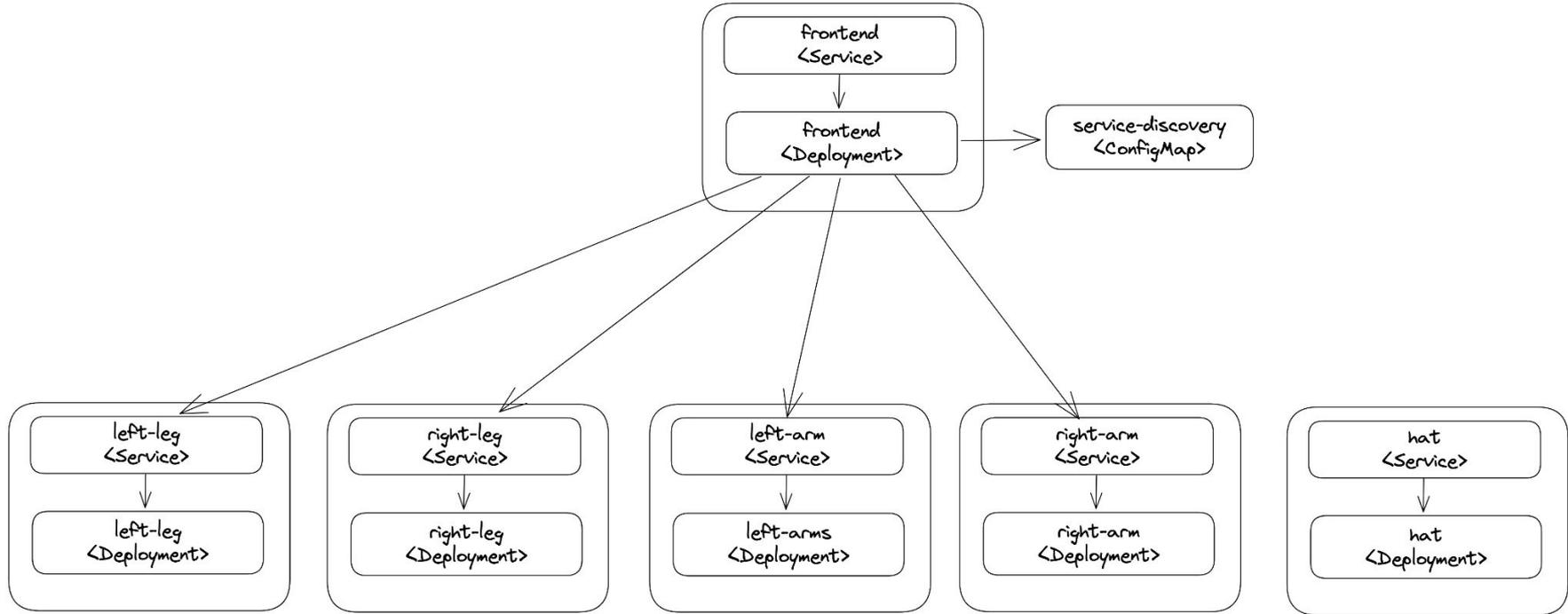
**Human Knowledge and AI - A perfect fit to fix Kubernetes Issues**

**Fixing Kubernetes Issues with K8sGPT - Demonstration 2**

**K8sGPT as your 24/7 SRE**



# Demo 1: Troubleshooting an Kubernetes Environment



# The Evolution of K8sGPT



# Why K8sGPT?

Troubleshooting  
K8s can be really  
hard

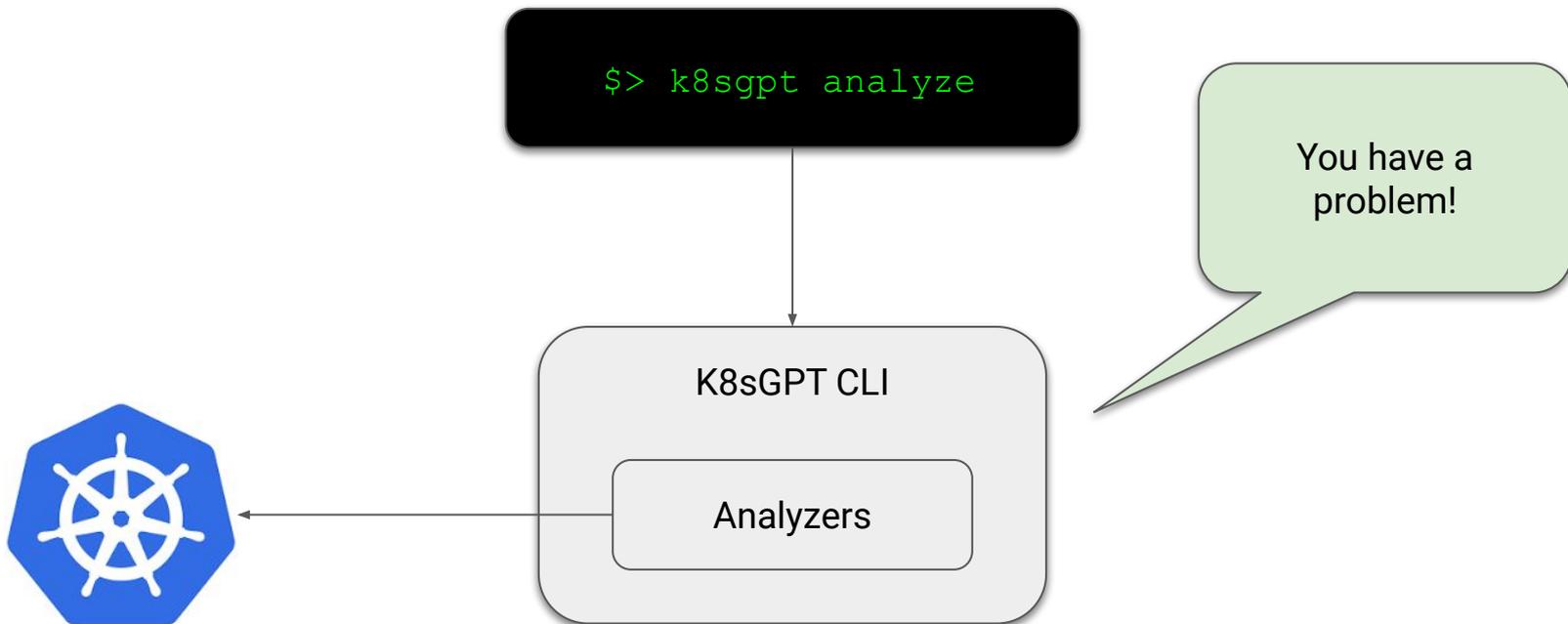
Same issues over  
and over

Humans have the  
problems and the  
ability to find them

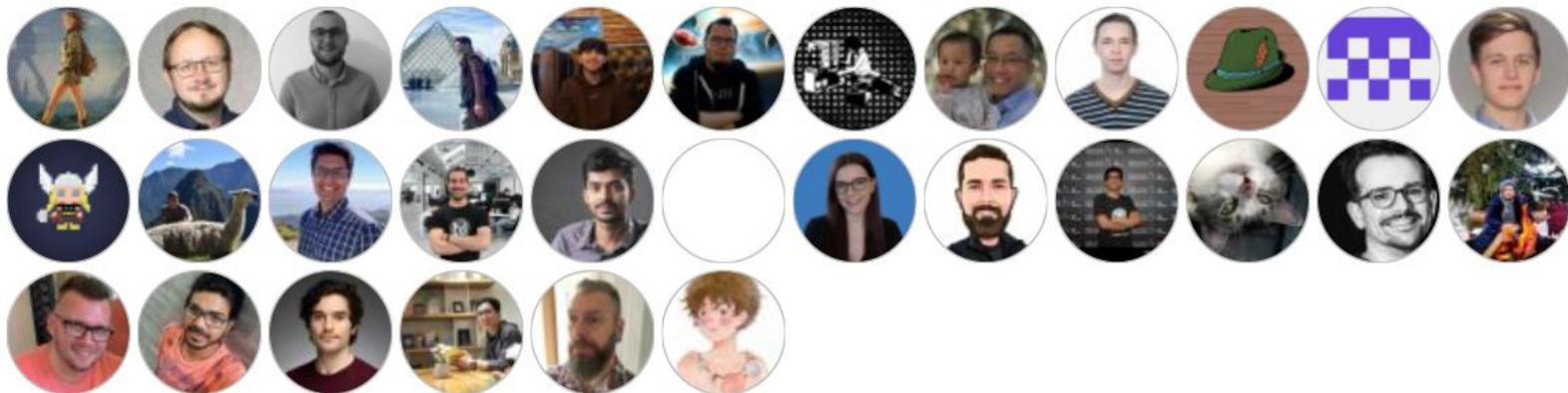
AI provides  
solutions for our  
problems



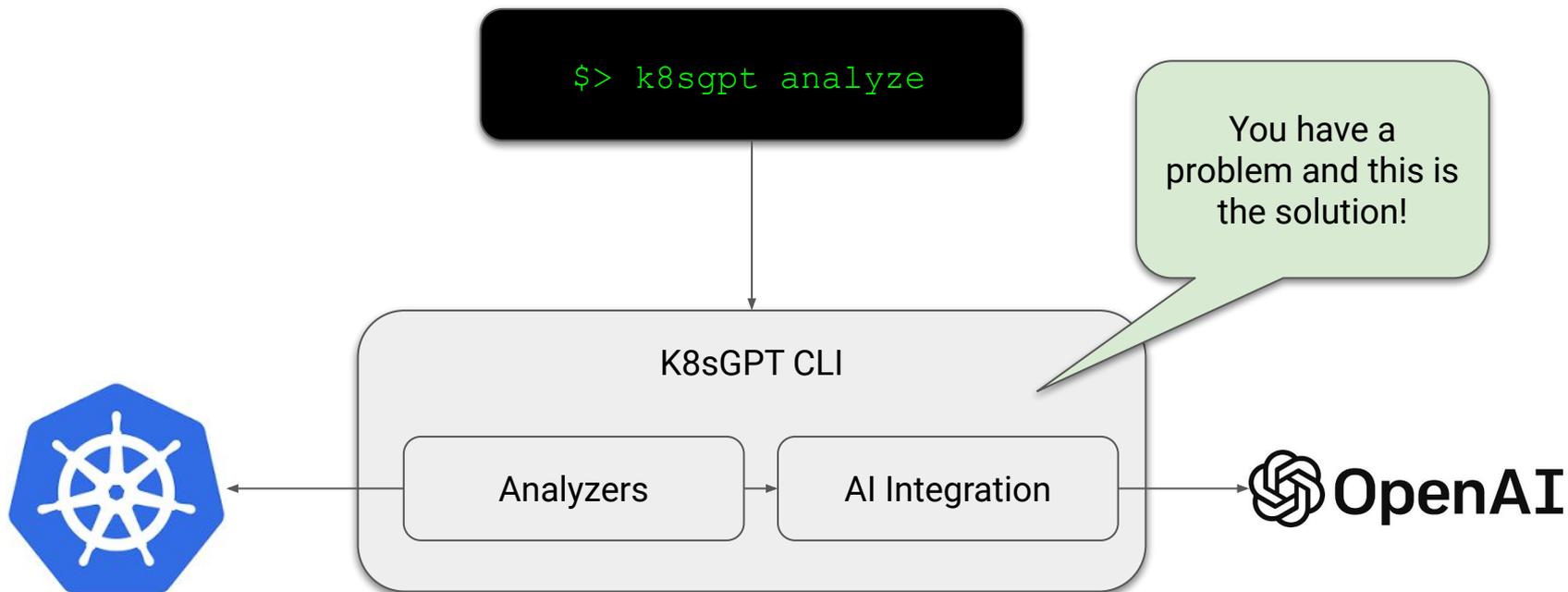
# K8sGPT Version 0.1.0 (End of March)



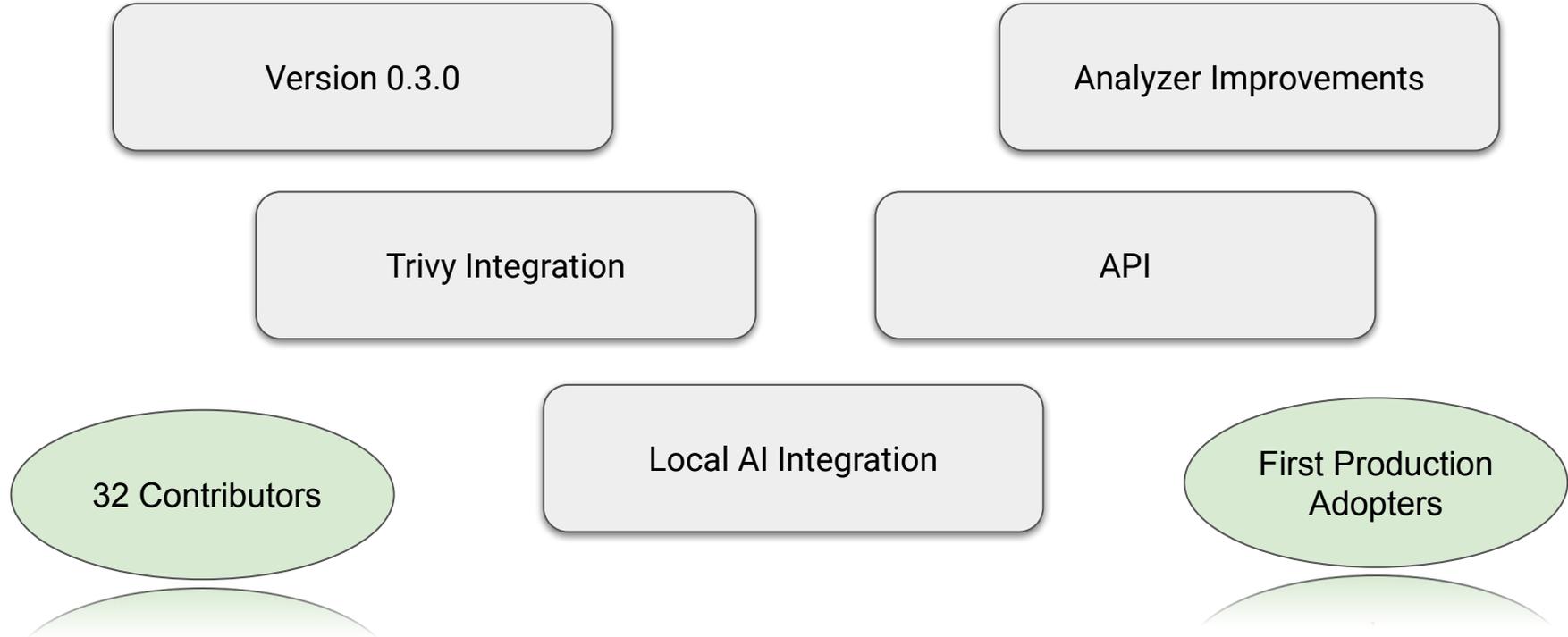
# The Human Knowledge behind K8sGPT



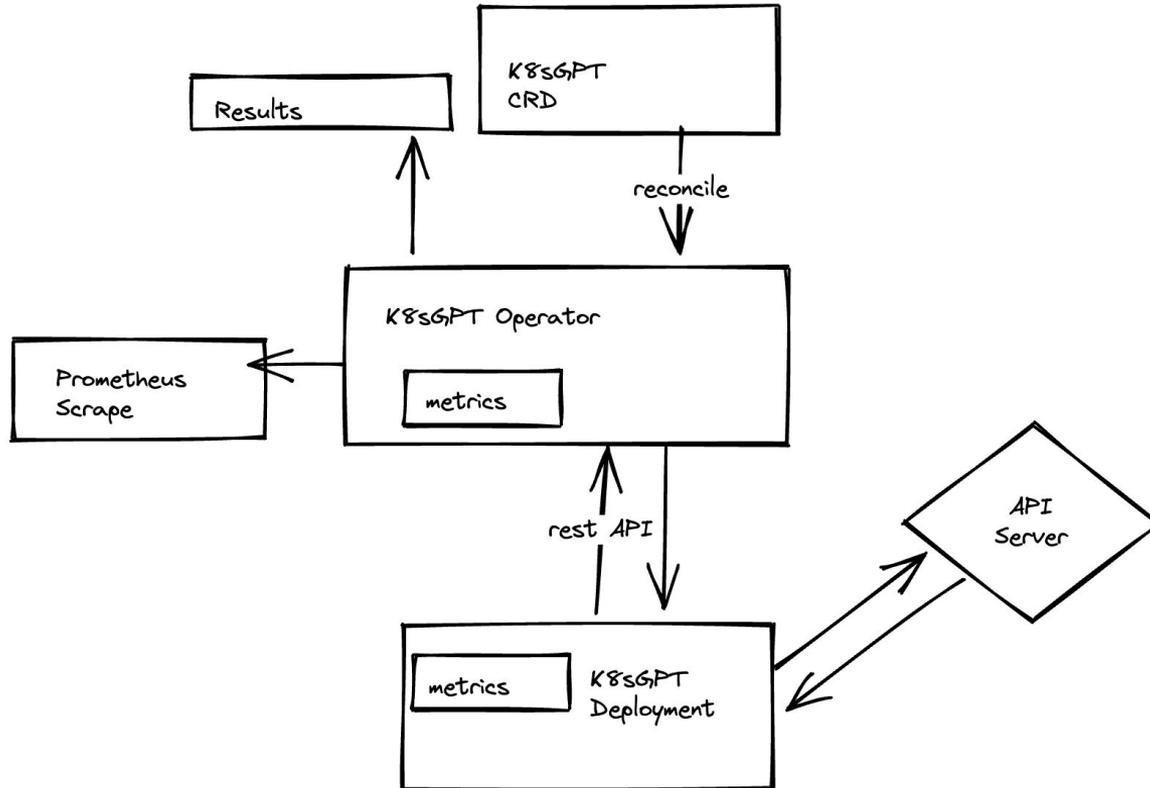
# Demonstration 2: Analyzing Problems with K8sGPT



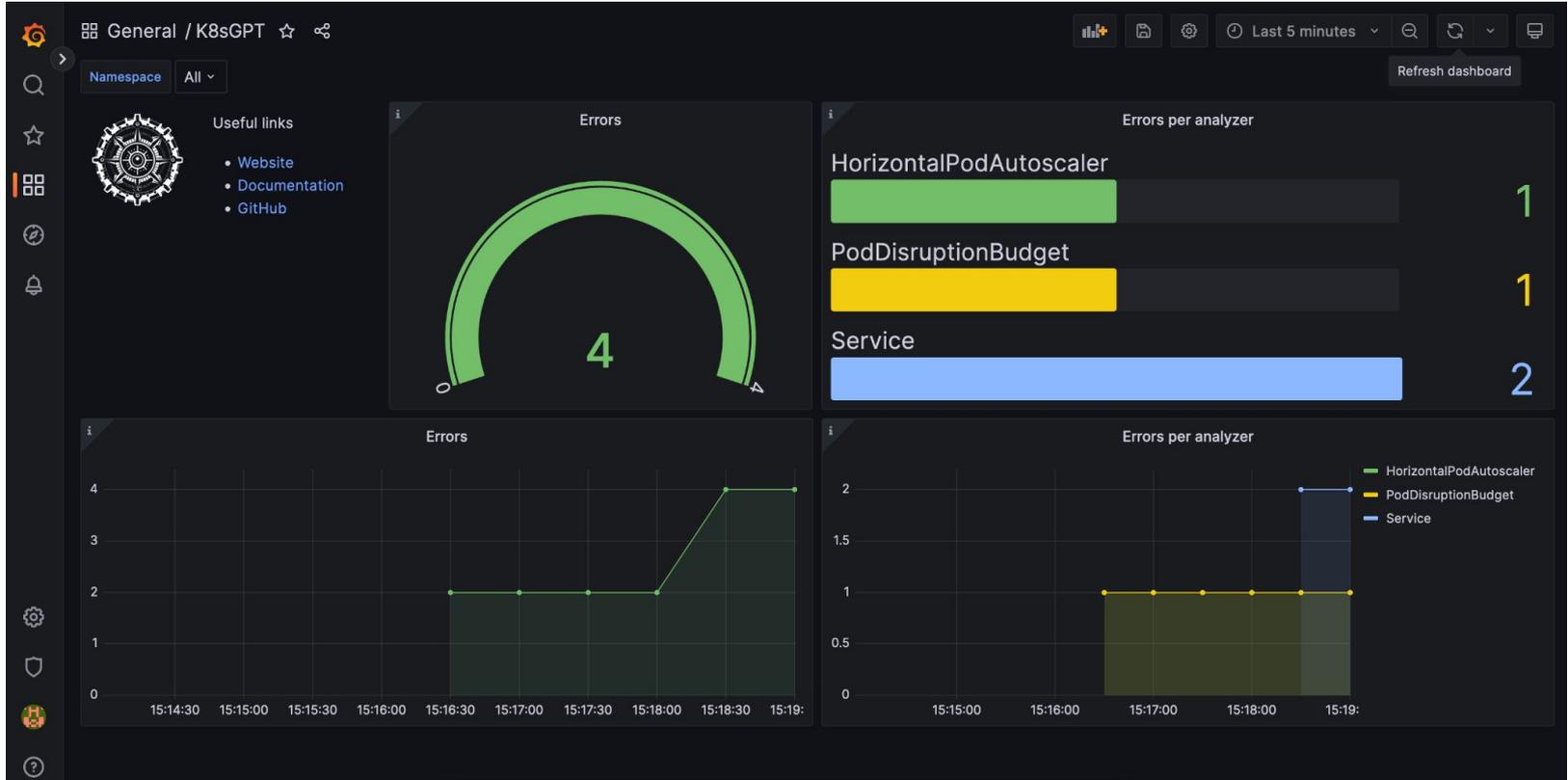
# Current State



# Automating K8sGPT



# Dashboards



# Other things we are working on



Local AI Models



Integrations



More and better Analyzers



More AI





# Getting in Touch

Links and star us:

- Repository: <https://github.com/k8sgpt-ai/k8sgpt>

Share your thoughts!

- What would you like to see in K8sGPT?
- Ping us on our Slack: <https://k8sgpt.slack.com>

Meet the Team and contribute!

- PRs accepted!





# Thank you!

Vienna DevOps & Security Meetup, Vienna  
May 10th, 2023

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