

# **Welcome to the AMOS Demo Day!**

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Dirk Riehle, Univ. Erlangen

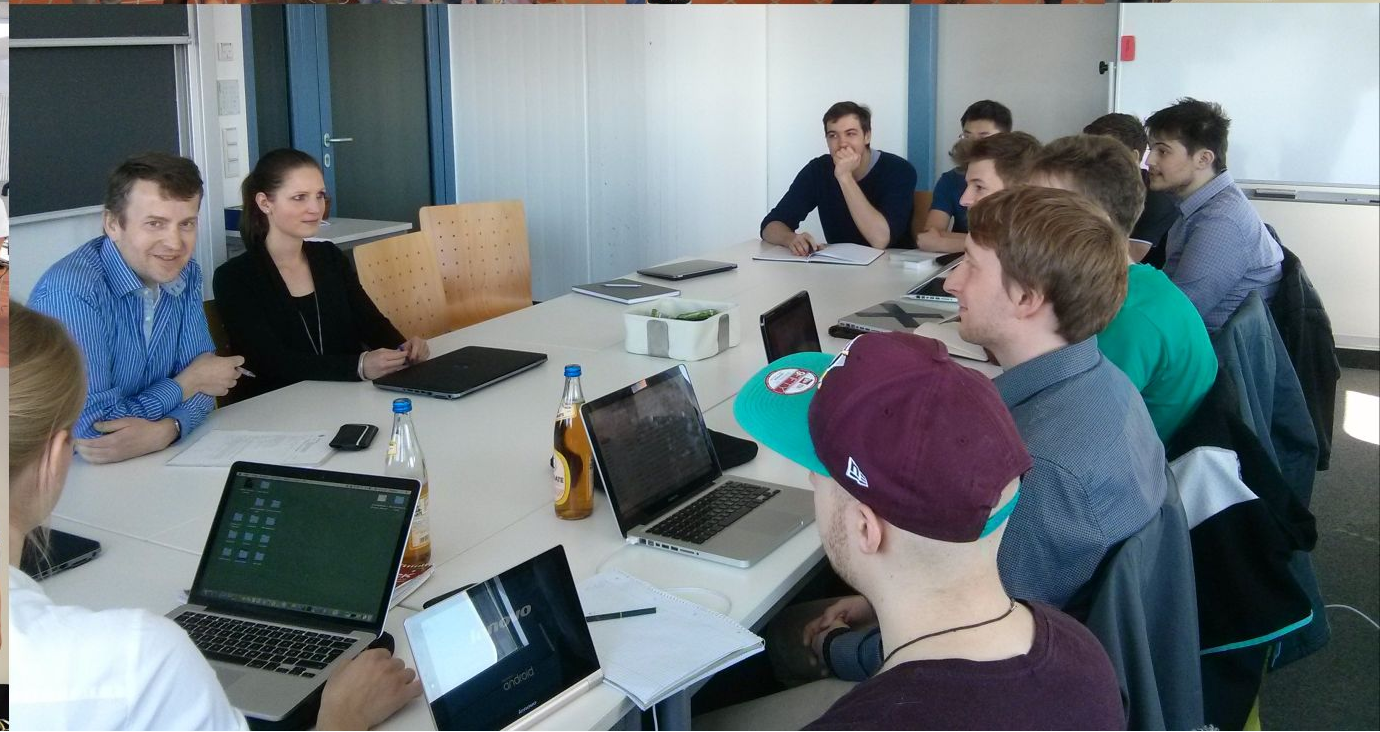
**AMOS A02**

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# The Professorship of Open Source Software







# Industry Partners



ACTANO

adorsys



CONSILEON



GRAU DATA

Hisense



MekTEC

msg

NEWSTORE



Raiffeisen Bank International



SENACOR

SEALSYSTEMS

SICK  
Sensor Intelligence.

SIEMENS

SIEMENS  
energy

SIEMENS  
Healthineers

SOLYP



weber

WSAudiology



# Participating Universities



Friedrich-Alexander-Universität  
Erlangen-Nürnberg

Technische  
Universität  
Berlin



Freie Universität



Berlin

# Distributed Scrum Teams

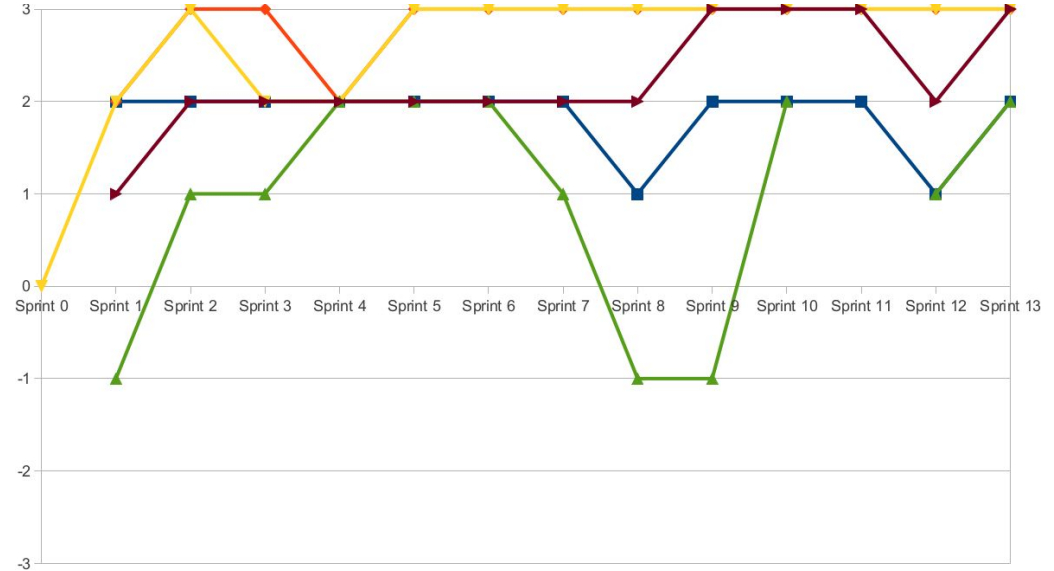


# This Semester's Projects

#	Project	Industry Partner
1	Apache Pulsar UI	RBI
2	Open Search Meta Data Hub	GRAU DATA
3	QAchat	QAware
4	Kubernetes Inventory Taker	Icinga / Netways
5	QDAcity Sandbox	QDAcity



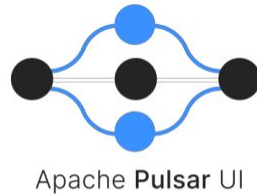
# Project Coaching and Support





# Apache Pulsar UI

The only tool that enables streaming experts to analyze their Apache Pulsar clusters in an explorative way to better understand their dataflows



Navigate through topology



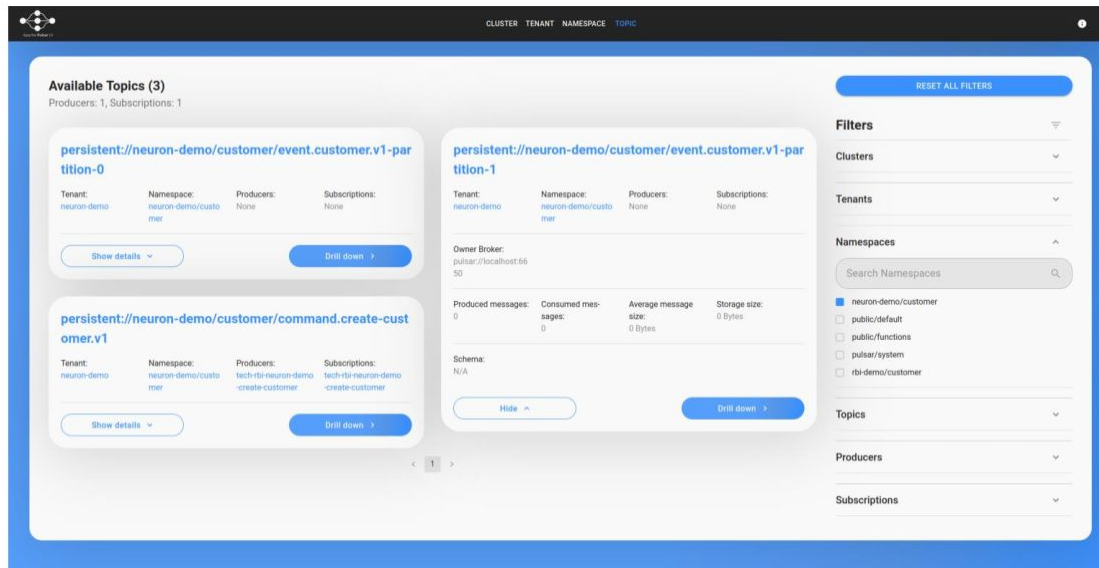
Filter and search topology elements



Analyze datasources and consumption



Debug datastreaming topology



# OPEN SEARCH



# META DATA HUB



# QAChat



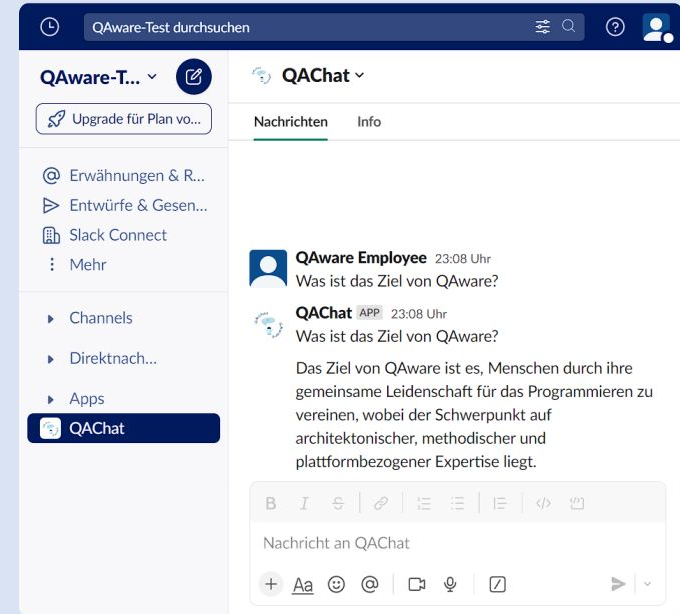
Chatbot on slack is based on a LLM and company-internal information.

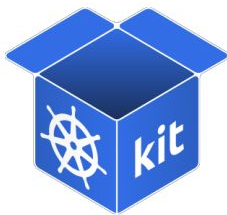


Data retrieved from company's Confluence, Slack and Google Drive.



Employees can ask the chatbot questions about the company.





## Kubernetes Inventory Taker

kit shall be a lightweight tool that empowers DevOps teams to monitor their Kubernetes clusters with ease, providing them with a single platform for inventory visibility, deep insights, real-time analytics, and intelligent monitoring and alerting.



Quickly see real-time health states of your infrastructure



Identify capacity bottlenecks on CPU & RAM



Deep dive into current configurations



Pods



Containers

Jan Degen



Philipp Kramer



Anna Kwiatek



Ali Aziri



Stefan Zabka



Nikolas  
Jochens



Muhammad  
Fahad Ali



Lucas  
Gehrlein



Simon  
Wiesend



### Main Goal:

Making basic features of QDAcity accessible for non-registered users in a sandbox mode so that people can test these features, get more excited about QDAcity and create a new account.

### Bonus Goal:

Make it possible to share certain parts of the project with non-registered users



# Demo Day Schedule

Time	Duration	Responsible	Title	Room
10:15	10 min	Riehle	Introduction	Main room
10:25	10 min	Teams	One slide summary	Main room
10:35	20 min	Teams	Demo	Demo rooms
10:55	20 min	Teams	Demo	Demo rooms
11:15	20 min	Teams	Demo	Demo rooms
11:35	5 min	Riehle	Conclusions	Main room

# **Let's go see the demos!**

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Please join a breakout session



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UNIVERSITÄT  
ERLANGEN-NÜRNBERG  
FACULTY OF ENGINEERING

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# Thank you! Any questions?

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