



# Wer ist in einem OSPO tätig?

# Wer kämpft mit Akzeptanz?

# Bottom-up Open Source @ Siemens



Bitkom Forum Open Source,  
12. September 2024



Wieso ist Open Source wichtig für Siemens?



Wir fahren mit Autos,  
die mit **Siemens-Software**  
entwickelt wurden ...

... gebaut in von Siemens  
**automatisierten Fabriken** ...



... und geladen über  
**Smart Grids** von Siemens.



... die Energie mit **maximaler Effizienz** nutzen ...



Wir arbeiten in intelligenten Gebäuden, die unsere **Gesundheit fördern** und sicher sind, ...



... und den **realen** und den **digitalen** Arbeitsplatz verbinden.



... um mit **Zügen von Siemens** zu reisen, ...



CIVIL  
INFRASTRUCTURE  
PLATFORM

... die mit **Infrastruktur-Technologie** von Siemens betrieben werden.



Wir vertrauen auf **lebens-**  
**rettende** Medikamente und  
Behandlungen, ...

... sowie **genaueste**  
medizinische Diagnosen, ...



... die mit **Siemens-Lösungen**  
möglich gemacht werden.



# Was macht Siemens besonders?

# Stark verteilte Verantwortlichkeiten

The background image shows a vast industrial factory interior. The ceiling is high with a complex network of yellow structural beams and pipes. In the foreground and middle ground, there are long rows of industrial machinery, possibly automated assembly lines or material handling systems. A semi-transparent digital interface is overlaid on the scene, featuring various data visualizations such as bar charts, line graphs, and a list of parameters. The overall color palette is dominated by blues and greys, with the yellow of the factory structure providing a strong contrast.

An aerial photograph of a large, diverse crowd of people gathered on a green field. The people are scattered across the field, some standing in small groups, others walking. The colors of their clothing are varied, creating a vibrant, multi-colored pattern against the green grass. The overall scene suggests a large-scale event or festival.

# Viele Teams mit unterschiedlichen Hintergründen

# Mitten in der Transformation zur Tech-Company



# Wie treiben wir Open Source aus der Basis?

# Das Team

Social Coding Ambassadors



code.siemens.com team



Linux Expert Center

Fachexperten

OSS Taskforce

# Community Events



# Open Source Portal

**SIEMENS** Home Manifesto Team Projects Memberships Events Talks

Search

## Siemens ❤️ Open Source

Siemens uses, maintains and contributes to Open Source.

[Explore projects](#) [Discover events](#) [Join us](#)

**feat: add Open Source Manifesto**  
!102 · created Aug 1, 2022, 11:21 AM by Nejc Habjan May 2023

documentation

Merged 234 5 ✓ Approved

## Open Source @ Siemens

<https://opensource.siemens.com/>

## Industrial Open Source



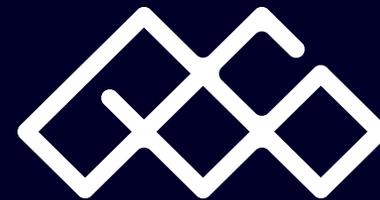
CIVIL  
**INFRASTRUCTURE**  
PLATFORM  
INDUSTRIAL GRADE LINUX

Projekte der Linux Foundation mit  
Siemens als Gründungsmitglied

<https://www.cip-project.org/>

<https://margo.org/>

Harmonisierung von  
technischen Grundlagen für  
Linux- und Open Source-  
basierte industrielle Systeme



**margo**

# Open Source sponsoring

```
1 projects:
2   mkdocs-material:
3     url: https://github.com/squidfunk/mkdocs-material
4     why: This framework is used as a direct dependency
5         of the Siemens docs theme which is the foundation
6         of many documentation websites maintained and
7         published on code.siemens.com. Sponsoring this
8         project is highly relevant for software developers
9         and will help keep our project's documentation
10        stack up-to-date and get new features.
11   indicators:
12     complexity: high
13     criticality: high
14     activity: high
15     fundraising: high
16
17 maintainers:
18   squidfunk:
19     url: https://github.com/sponsors/squidfunk
20     projects: [mkdocs-material]
21
22 payments:
23   # This is not the actual payment :)
24   - date: "1847-10-01"
25     approvers:
26       - werner.von.siemens@siemens.com
27       - johann.georg.halske@siemens.com
28     amounts:
29       squidfunk: 1847
```

## feat(sponsoring): add first payment batch

 Merged Florian Greinacher requested to merge `feat/first-batch` into `main` Sep 7, 2023, 3:58 PM

Overview 2 Commits 2 Pipelines 4 Changes 4

### Sponsor Open Source projects

This template explains all the steps required to sponsor one or several Open Source projects via GitHub sponsoring.

The goal is to support R&D entities willing to sponsor Open Source development and document the amount of money sponsored by Siemens for each single OSS maintainer or community.

This process involves many steps building upon each other and might take a while, depending on the reactivity of the involved stakeholders.

### Basic information

- I have added all relevant information to `config/sponsoring.yml` as per the specification in `schemas/sponsoring.json` (for the best editing experience use VS Code with the [YAML extension](#)).

### Approval

- My organization (business and finance/commercial) agrees being charged the amount defined in this Merge Request plus a 3% service fee from GitHub.

<https://blog.siemens.com/2023/09/how-siemens-supports-open-source-development/>

code.siemens.com

# For Developers, From Developers



Let's collaborate on code internally via [code.siemens.com](https://code.siemens.com) in the same way as startups are doing it. A small team is following our vision and strategy to improve developer experience.

Get started

See Video

Cheat sheet

Pitch Board



# Was haben wir gelernt?

# Netzwerk und Vertrauen sind Vorraussetzung

# Experten treffen die besten Entscheidungen





Rückschläge gehören zum Spiel

# Kulturveränderung braucht Zeit



# Einfach loslegen!

# Kontakt

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