

# Infrastructure Maintenance

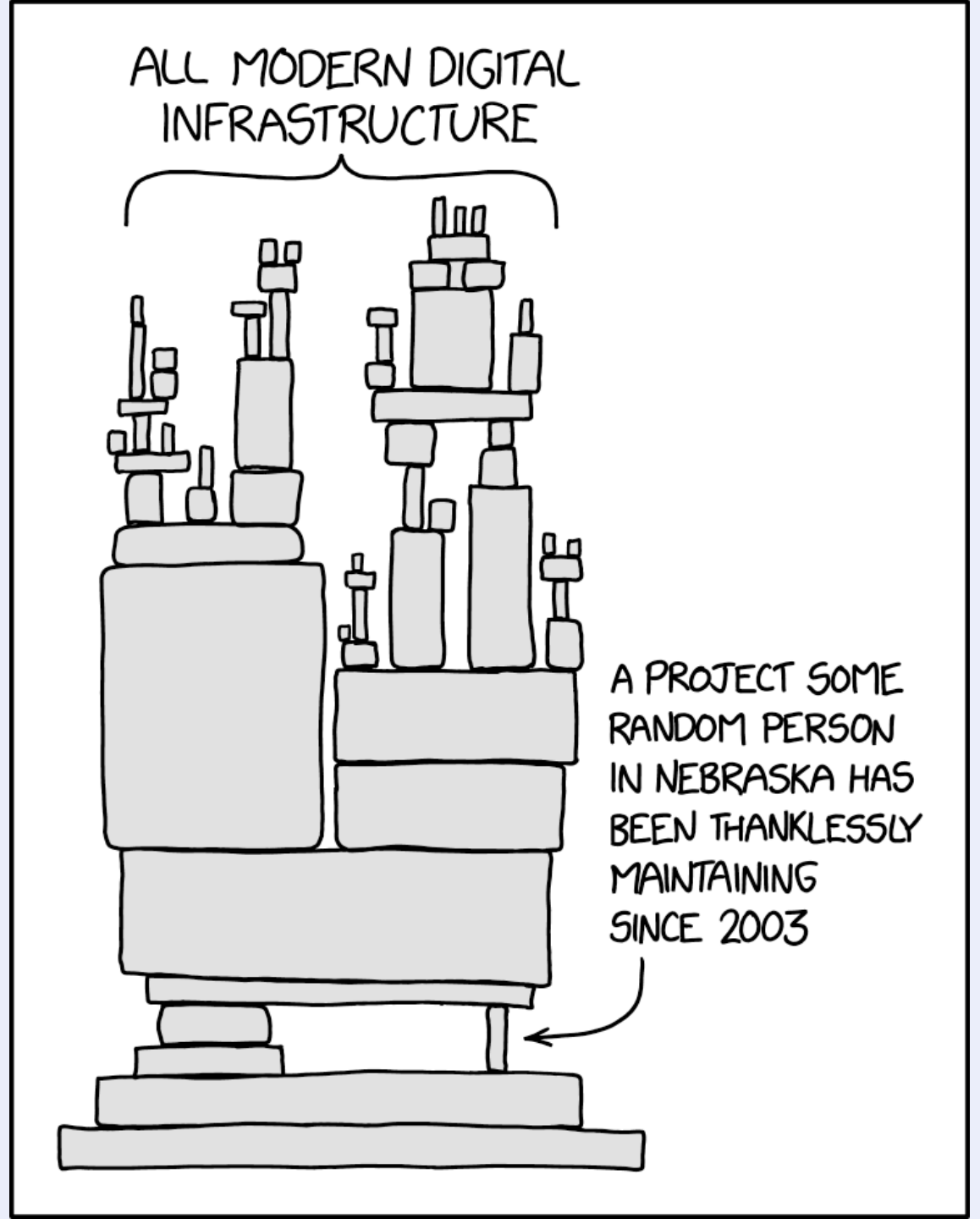
*“As the world blazes ahead into a modern age of startups, code and technology, infrastructure continues to lag behind. The cracks in the foundation are not obvious right now, but they are widening.”*

Roads and Bridges, Nadia Eghbal



# Mission

The Sovereign Tech Fund supports the development, improvement, and maintenance of open digital infrastructure. Our goal is to sustainably strengthen the open source ecosystem.

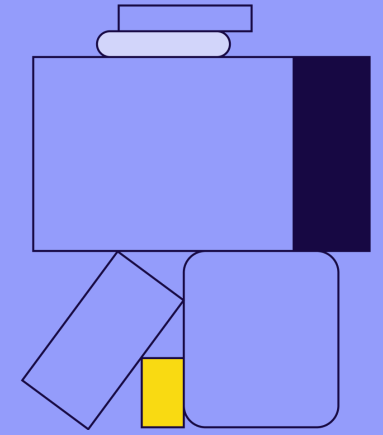




# Open Source: Free as in puppy

- Digitalization in public administrations
- Difficult for governments and corporations to understand
- Duty of care (and contribution)
- Public money, public code

# Role of the State



- What is the responsibility of governments in the digital commons?
- How does it intersect with existing structures?
- How do democratic societies ensure access?



# Role of the State: Digital Infrastructure

- Underpins economic innovation, competition, and resilience
- Invisible
- In need of maintenance
- Market failures

# The STF Approach

Supporting a fragile system in motion

- Openness, co-creation, interdependency, and interoperability lead to digital sovereignty
- Reduce dependencies on monopolistic structures

# Case Study

## Fortran

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Investment: €816,000

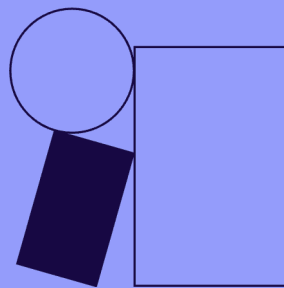
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Investment Years: 2022, 2023, 2024

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[fortran-lang.org](https://fortran-lang.org)

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Modernizing an established programming language to become more performant & user-friendly for scientific communities

The programming language Fortran is widely used, especially in the field of high-performance computing. It was originally created in the 1950s by IBM. Today, it is the standard for climate modeling and other large-scale computational models. Fortran is particularly well-established in scientific communities due to its reliability.

# Thank you!

## **Sovereign Tech Fund**

Learn more about us: [www.sovereigntechfund.de](http://www.sovereigntechfund.de)

Say Hello: [info@sovereigntechfund.de](mailto:info@sovereigntechfund.de)