How to build a community

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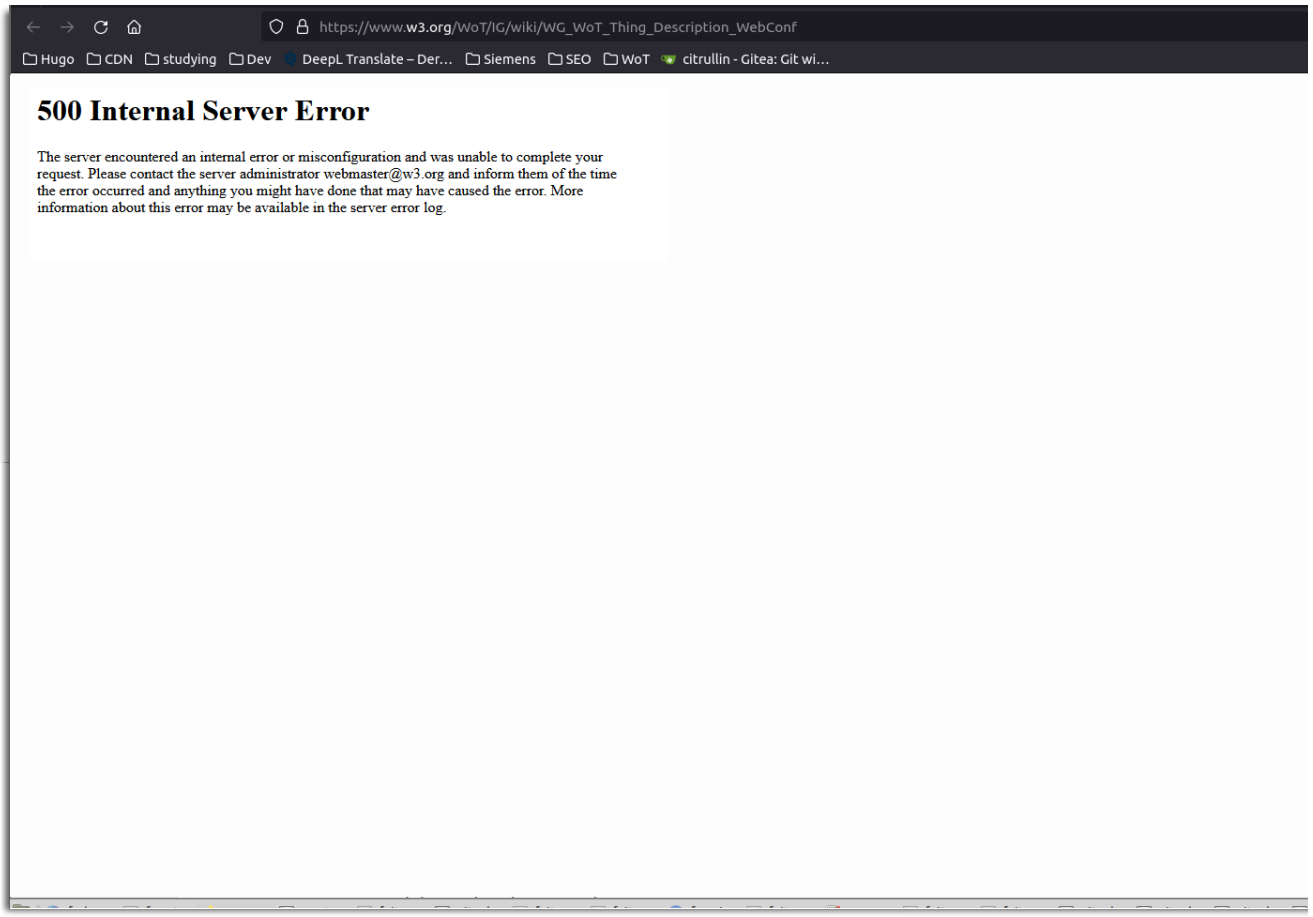
Vita

- Tech-Blogger (Tabtech.de, bought by GIGA Tech)
- TV commercials, Online-Marketing, Develoment (Tollabox)
- Big data analytics & MarTech (Webtrekk, bought by Mapp Digital)
- Cryptocurrencies & DLTs (IOTA Foundation)
- Pushing Open Source and Open Standards foward (Bind.systems)

Infrastructure

(Or rather the lack of it...)


https://www.w3.org/WoT/IG/wiki/WG_WoT_Thing_Description_WebConf
Hugo
CDN
studying
Dev
DeepL Translate – Der…
Siemens
SEO
WoT
citrullin - Gitea: Git wi…
500 Internal Server Error
The server encountered an internal error or misconfiguration and was unable to complete your request. Please contact the server administrator webmaster@w3.org and inform them of the time the error occurred and anything you might have done that may have caused the error. More information about this error may be available in the server error log.

Collaboration

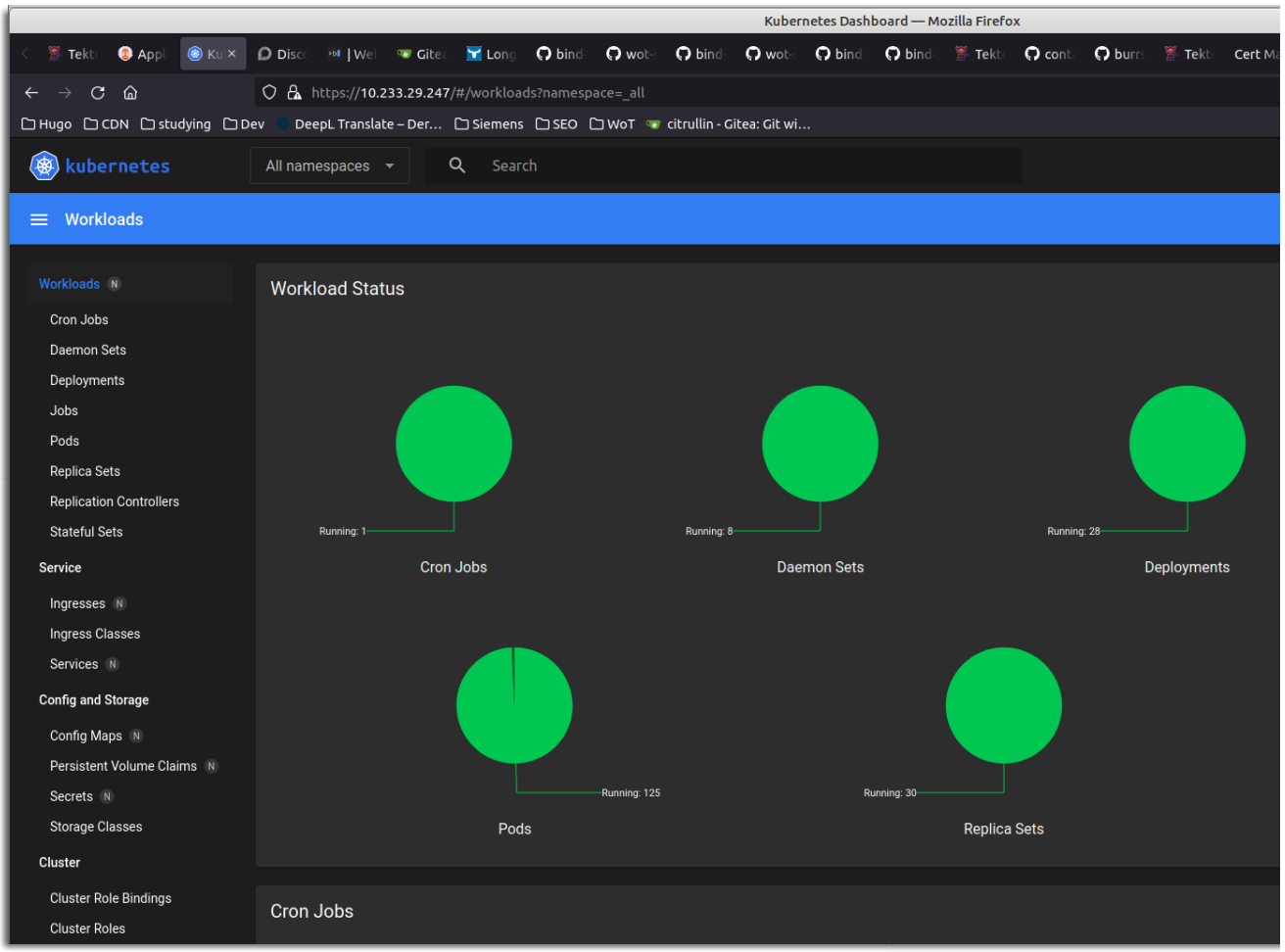
Collaboration

- Open source development tools
- Open source communication tools
- Validation & Verification
- Community Support

Webofthings.dev

Webofthings.dev

- Reliable and scalable kubernetes cluster
- 6 machines for the beginning
- Funds allocated for one year to support the machines


Kubernetes Dashboard — Mozilla Firefox
https://10.233.29.247/#/workloads?namespace=_all
kubernetes
All namespaces
Search
Workloads
Workloads
Cron Jobs
Daemon Sets
Deployments
Jobs
Pods
Replica Sets
Replication Controllers
Stateful Sets
Service
Ingresses
Ingress Classes
Services
Config and Storage
Config Maps
Persistent Volume Claims
Secrets
Storage Classes
Cluster
Cluster Role Bindings
Cluster Roles
Workload Status
Running: 1
Cron Jobs
Running: 8
Daemon Sets
Running: 28
Deployments
Running: 125
Pods
Running: 30
Replica Sets
Cron Jobs

Hardware

2x RAM Server

- Intel (6 cores @ 3.5 Ghz)
- 128 GB RAM
- 4x 240GB SSD
- 1 Gbit/s

4x Storage Server

- AMD (6 cores @ 3.6 Ghz)
- 64 GB RAM
- 2 x 512 GB NVMe SSD
- 1 Gbit/s

Data safety

(4 Level data safety)

1. RAID 1 against individual disk failures
2. Block storage with replication factor 3
3. Database replication factor 3
4. Backups in s3 buckets

Roadmap

(Or what is next?)

Already done

- Initial Kubernetes setup
- Initial CI/CD Tooling
- Data satefy system

Next

- Unified user management system across open source tools
- Consistent design across community tools
- Discussions, Chat and basic tools and bots
- Payment system to sustain community

Still a lot to do though!

Demo?