

Information and its raw material – data –  
represent the only capital of our time that  
grows when you share it.



Therefore, open data is open in the following ways:

- \* machine-readable
- \* freely licensed
- \* current
- \* complete

Auregann CC-BY-SA-3.0

[www.opendataportal.at](http://www.opendataportal.at)



*★The First  
Unicorn★  
an  
Open Data  
Fairy Tale*

*(Made in Austria)*

[www.opendataportal.at](http://www.opendataportal.at)





## Unicorns in Austria

[[Category: Spanish Riding School]]  
[[Category: Lipizzaner]]

[www.opendataportal.at](http://www.opendataportal.at)



Lane Hartwell, CC-BY-SA-3.0

[www.opendataportal.at](http://www.opendataportal.at)

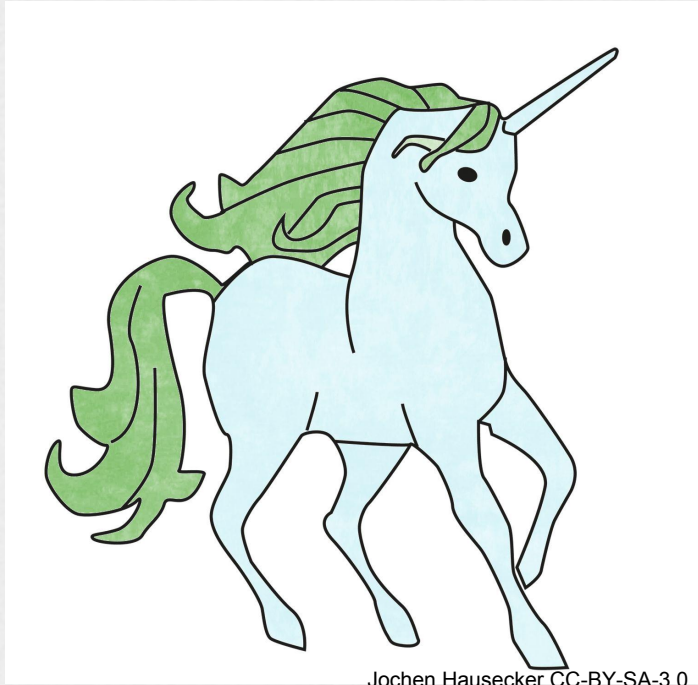
- \* **Cooperation Open Government Data Austria:**
- \*\* Cooperation platform between the federal government, the states, cities and communities founded in 2011
- \*\* Regulatory framework for legal, technical and organisational requirements for open data and transparency (URI, open formats and API, etc.)



- \* **Open Government Data Portal:**
- \*\* Central open data catalogue "data.gv.at"
- \*\* Standardised free licence: CC BY 3.0 AT
- \*\* Austrian standard on metadata (compatible with DCAT-AP / European Open Data Portal)
- \*\* more than 1350 data sets, 240 applications



## The quest for the first unicorn ...



Jochen Hausecker CC-BY-SA-3.0

### **Open data in Austria:**

- \* Leading role of administration
- \* Existing community
- \* Lack of infrastructure for "non-governmental data" (business, associations, art/culture, research)

**The solution:** *A central data portal for business, culture, NGO/NPO, research and civil society as a joint venture of public administration and open culture communities (Wikimedia and Open Knowledge Foundation)*

[www.opendataportal.at](http://www.opendataportal.at)

[www.opendataportal.at](http://www.opendataportal.at)

A fairy godmother...



John Atkinson Grimshaw [Public domain]

[www.opendataportal.at](http://www.opendataportal.at)

...called \*netidee\*



# netidee

powerful innovations

- \* Austria's largest funding / incubator programme for internet projects
- \* An initiative by the Internet Foundation Austria (ISPA)
- \* Total funding amount: 500.000 EUR (max. 50.000 per project)
- \* Projects have to be open source and freely licensed
- \* Requirements: application, two reports, documentation

[www.opendataportal.at](http://www.opendataportal.at)





- \* Project Management
- \* Money processing

COOPERATION OGD  ÖSTERREICH

- \* Stakeholder Management
- \* Outreach



Open Knowledge  
Foundation

- \* Technical Management
- \* Community Management

* Server & Design	10.000 EUR	* Personnel costs	Programming	10.000 EUR
* Material and travel costs	5.000 EUR		Support	10.000 EUR
			PR & Outreach	5.000 EUR
			WMAT / OKF	10.000 EUR

## Reality strikes back - anticipated challenges

- \* Distributed team
- \* Other commitments
- \* Diverse contracts
- \* CC-0 vs CC-BY-SA



Panzi CC-BY-SA-3.0

[www.opendataportal.at](http://www.opendataportal.at)

## Reality strikes back - unanticipated challenges



- \* Extent of required consultation and advice on the side of data donors
- \* Unexpected changes concerning technical requirements
- \* Getting applications prior to launch

[www.opendataportal.at](http://www.opendataportal.at)



- Requirements, Solution and Experiences
- based on data.gov
- beta
- ~300h work + > 100h for final release



it's a community portal

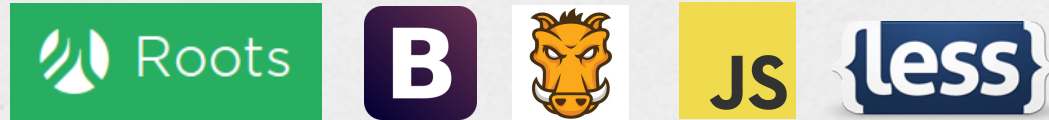
it's 2014

it's open

[www.opendataportal.at](http://www.opendataportal.at)

## Community Frontend

- Plugins
- Custom Taxonomies
- Custom Post Types



[www.opendataportal.at](http://www.opendataportal.at)



## Data Catalog

- ckanext-odpat: Layout & Design
- ckanext-odpat-form: data submission form & metadata scheme



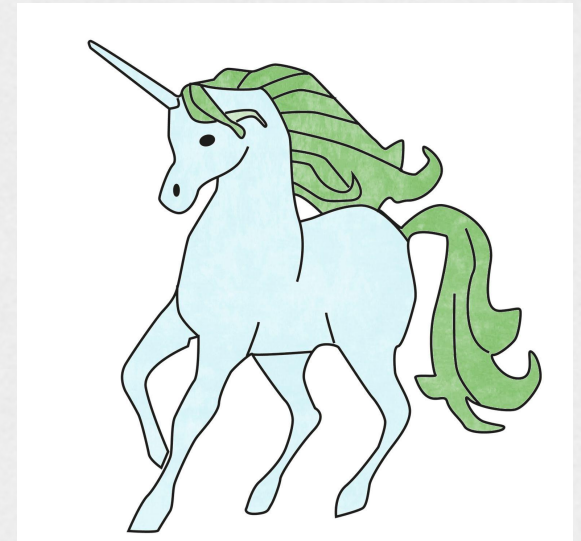
[www.opendataportal.at](http://www.opendataportal.at)

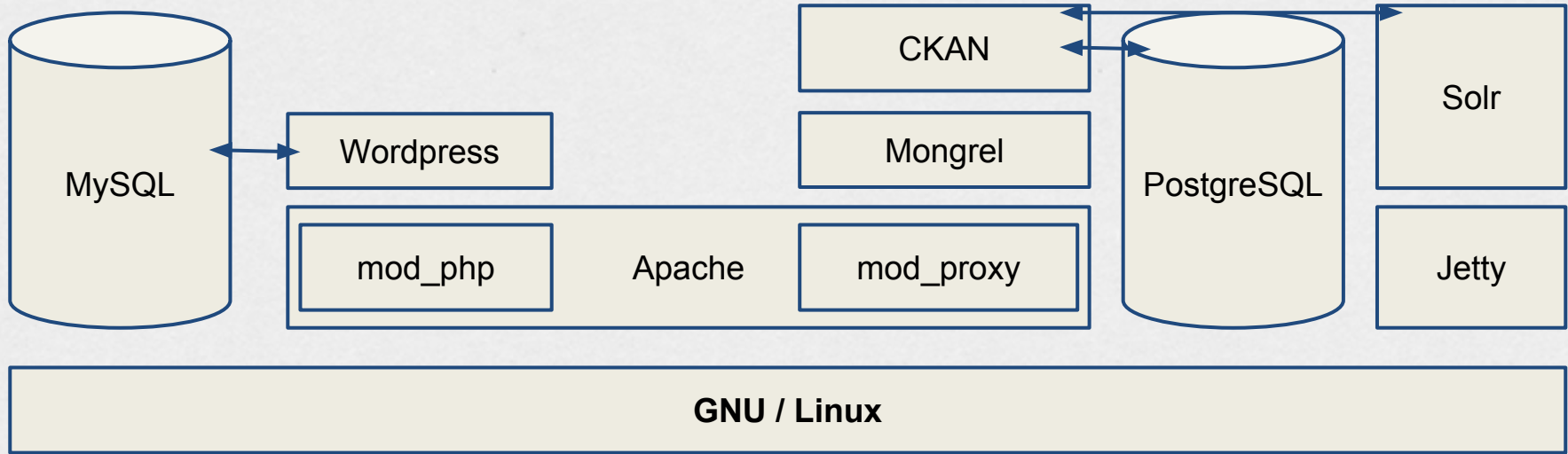
LAMP (Linux Apache MySQL PHP)

Wordpress running PHP on Apache, with MySQL

CKAN running on mongrel (Python server), with PostgreSQL,  
served through Apache Proxy

Solr running on Jetty





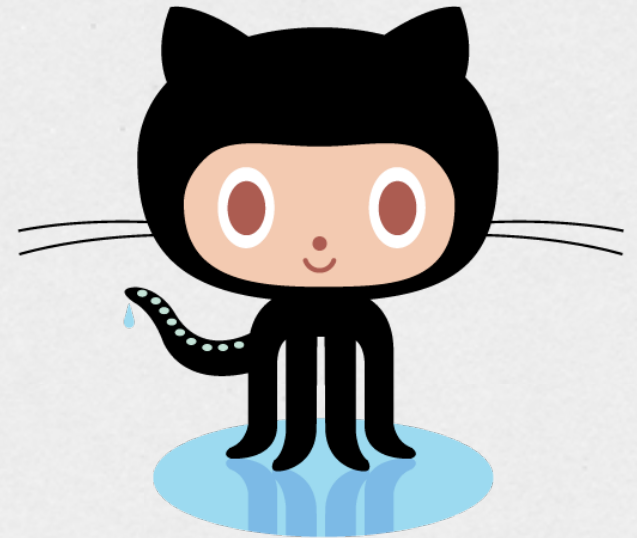


1. Connect Wordpress and CKAN and keep synchronized
2. Read out CKAN-metadata for Wordpress pages
3. See and feel no difference

More effort: documentation, maintenance, communication  
... but, better code → easier to work with later on

## You can commit!

- issues
- features
- translate
- documentation



- CKAN: minor issues, rankings
- Wordpress: no probs
- Forms automatization very complex
- Topics: classify properly without intersections and easy understanding
- Amount of time for documentation and mantainance not properly planned

- Crowdsourcing QA
- [opendata.stackexchange.com](https://opendata.stackexchange.com)
- Optimize user-interaction: wording, user experience
- Integration Wikidata and national OGD portal

**Please give us feedback:**

→ **open an issue!**

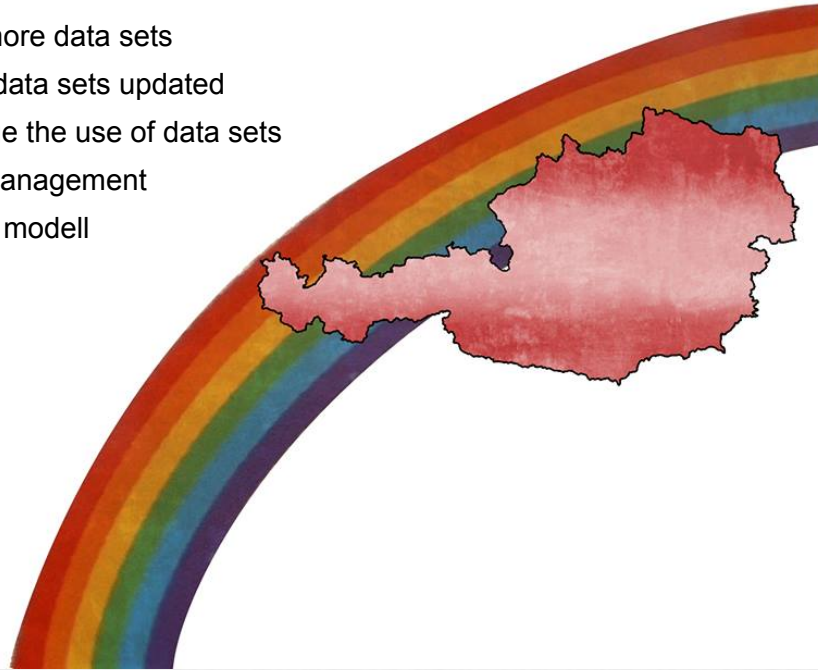
[www.opendataportal.at](https://www.opendataportal.at)





...happily ever after?

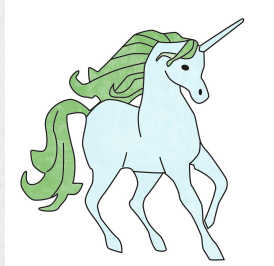
- \* Getting more data sets
- \* Keeping data sets updated
- \* Encourage the use of data sets
- \* Quality Management
- \* Business modell



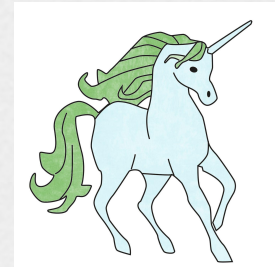
[www.opendataportal.at](http://www.opendataportal.at)



...happily ever after?



Jochen Hausecker CC-BY-SA-3.0



Jochen Hausecker CC-BY-SA-3.0



[www.opendataportal.at](http://www.opendataportal.at)

COOPERATION OGD  ÖSTERREICH



<http://opendataportal.at/>

**E** [info@opendataportal.at](mailto:info@opendataportal.at)

**T** @odp\_AT

**G** <https://github.com/OpenDataPortal-AT/opendataportal.at/>

Claudia Garád

Manuel Schneider

@stefankasberger

<http://creativecommons.org/licenses/by-sa/3.0/at/>



[www.opendataportal.at](http://www.opendataportal.at)