

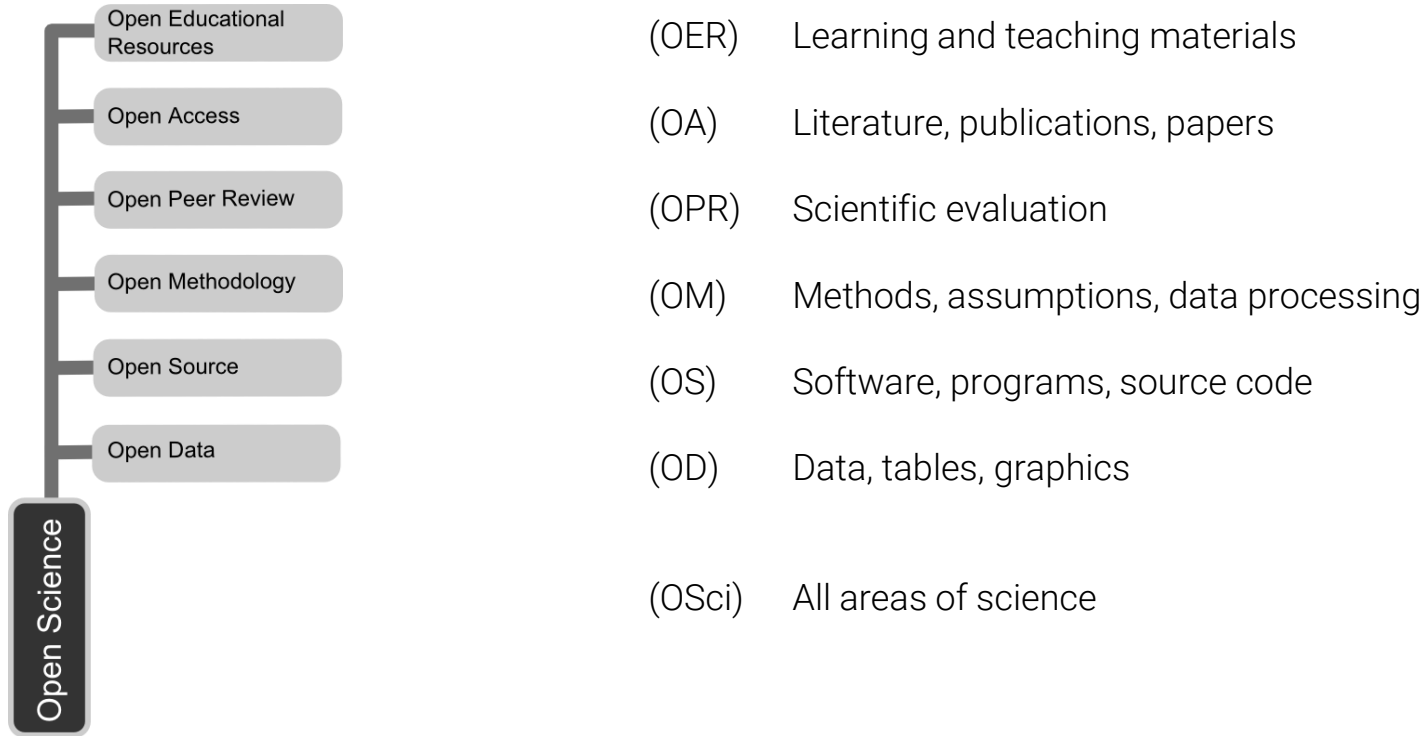
Beyond Open Source Modeling

2018-09-26 Ludwig Hülk

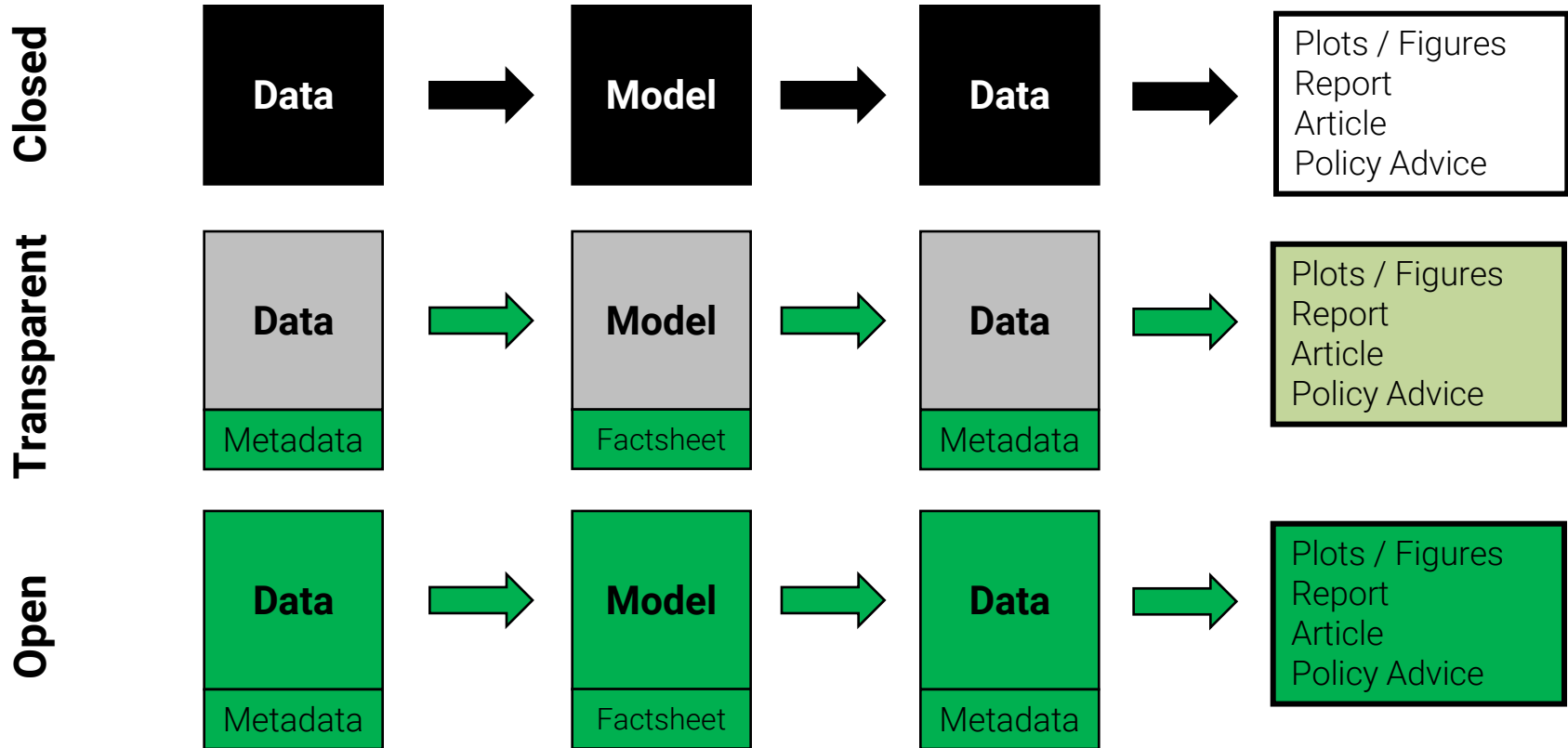


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Open Science



Open Science



Choosing an Open License

Open License		Software-License	Data-License	Artwork-License
Public Domain		CC0	CC0	CC0
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3 Shades of Openness

Share-Alike (Copyleft)

Software can be used and adapted as desired, but must be published under the same copyleft license.

- + Work always remains open-source
- + Transparent development
- no combination of works with different copyleft licenses
- > Less open, but permanent!
- > Keeps projects cohesive and focused

Public Domain / Permissive (Non-Copyleft)

Software can be used, changed and distributed as desired. (Only attribution is required.)

- Software can become closed-source
- Difficult to track development
- + Combination of non-copyleft always possible.
- + Combination more flexible.
- > Very open, but not always!
- > Encourages code adoption

Building a community!?

Community Approach

- Search for existing projects and models
- Get in contact, run tests and examples
- Read the documentation
- Coordinate future developments
- Build on top of existing work, contribute to the community

Internal Approach

- Develop a new model
- Publish the model with an open license

Building an Ontology

- Discussion and documentation of parameters
- A community effort
- All models can contribute

<https://forum.openmod-initiative.org/t/developing-a-common-ontology-for-energy-system-analysis/783/14>

<https://github.com/OpenEnergyPlatform/ontology>

Contact

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