

FAIRization: What qualifies a search engine for distributed research data?

T. Borst, A. Kazakova, A. Latif, F. Limani @ ZBW Leibniz Information Centre for Economics

Situation

- ⊗ FAIR data principles
- ⊗ Search engines and interfaces for text based search have evolved a lot...
- ⊗ ...but only a minority of research data is text based
- ⊗ **We need data search in compliance with general web search**

How to make data **F**indable?

- ⊗ **Automatic metadata management** (including harvesting & indexing)
- ⊗ Identifying „**proxies**“ (e.g. citing publication, time span, location, data provider, vocabulary,...)
- ⊗ **Semantic mapping** (of labels)

Discovery & exploration based on...

- ⊗ Community-driven use cases
- ⊗ **IR rules** (applied to data)
- ⊗ **User interfaces** incl. visualizations

Proof of concepts

