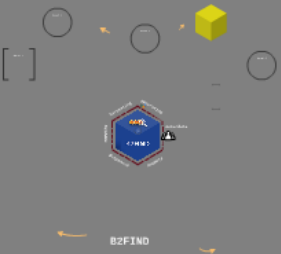


EOSC-hub





B2FIND
Find Research Data

cross-disciplinary discovery portal of distributed research data

offers metadata of research data
that are stored in EUDAT data
centres as well as metadata that are
steadily harvested from community
specific repositories

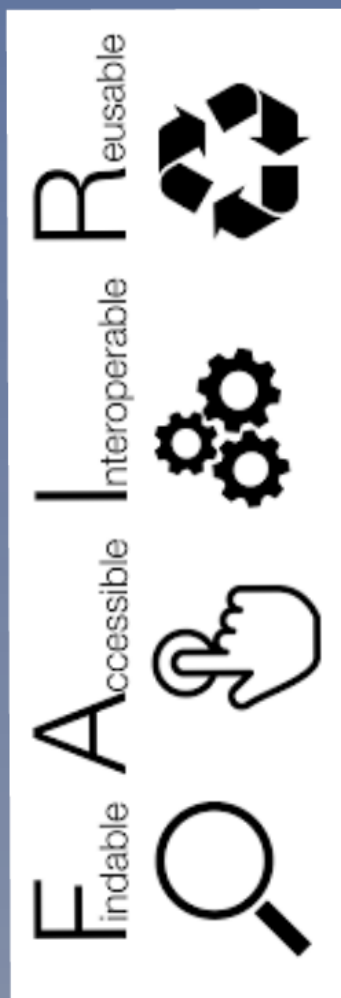
enables a faceted
cross-community
search

covers a wide range of research areas:

- Climate Research to Social Science
- Biodiversity to Linguistics
- Archeology to Seismology
- Law to Incoherent Scatter Radars
- Particle Physics to Economics



B2FIND



FINDABILITY

Discovery Portal with powerful search features based on a rich metadata catalogue

ACESSABILITY

Persistent Identifiers for identification and accessibility of data objects

INTEROPERABILITY

Interdisciplinary Catalogue based on Common Standards, Vocab and Schema

REUSABILITY

Licenses, Provenance and Domain-relevant information is provided

Communities



Quest
Rema

Provider

eudat.eu/guidelines/



Webportal



<http://b2find.eudat.eu>

hub
Metadata ingestion



B2FIND

<http://b2find.eudat.eu/mapping.html>



B2SHARE



14 communities

... in the pipe...



To come soon



Scientific communities are using **different metadata schemas** in order to display and utilize their **research data**

B2FIND supports

Data Cite		ISO 19115
DublinCore	DDI	ISO 19139
MarcXML	CMDI	Inspire

Harvesting Channels

OAI-PMH is preferred

JSON-API

OAI endpoint
OAI mdprefix
OAI set

CSW

to harvest from
geonetworks

[SparQL]

to collect RDFs
and JSON-LD

Communities



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Webportal



B2FIND

hub

Metadata ingestion



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Technical improvements

- upgrade to CKAN 2.7
- upgrade to SolR 6.4
- new VMs for development and testing

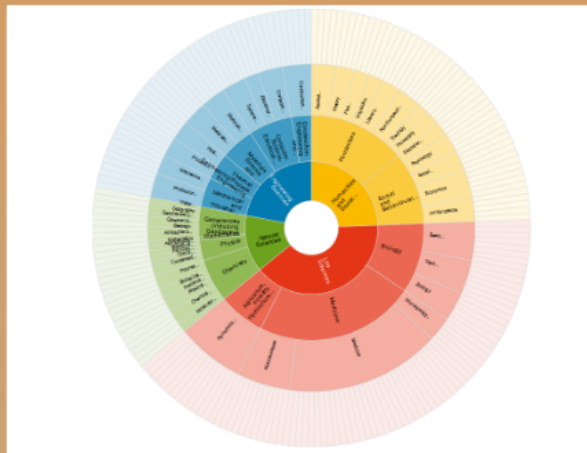
B2FIND 2.4

- new Metadata schema
- new graphical user interface
- new ingestion
- new communities

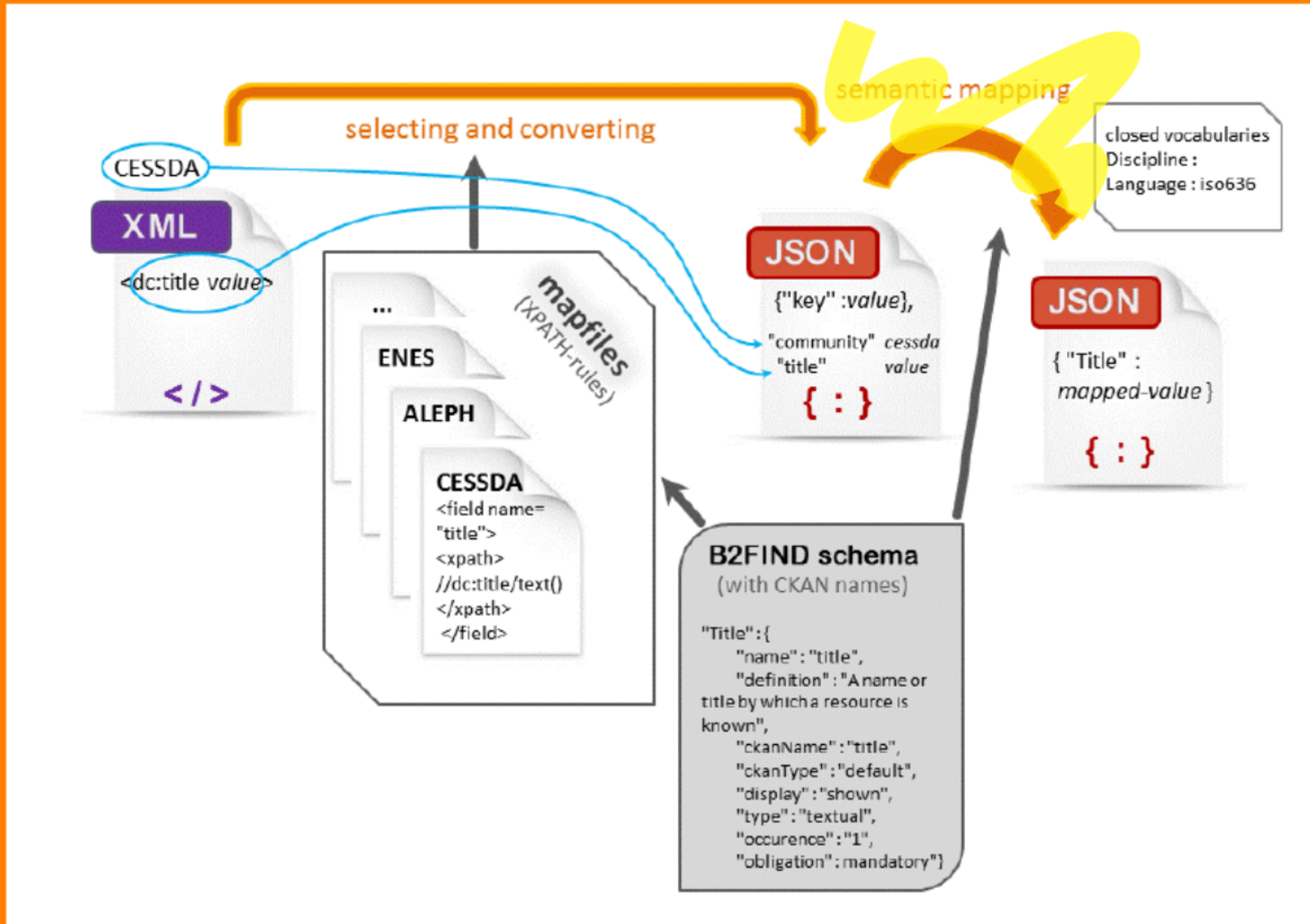
New classification for scientific disciplines - research areas to improve cross-community search

cooperative

- based on a DFG-classification
- to be improved in cooperation with re3data



Technical workflow



Enhanced metadata schema

general

Title*

Description

Tags

provenance

Creator

Publisher

Contributor

PublicationYear

Rights

Open Access

Contact

identifier

DOI

PID

Source

}*

Related Identifier

MetaDataAccess

coverage

Discipline

Spatial Coverage

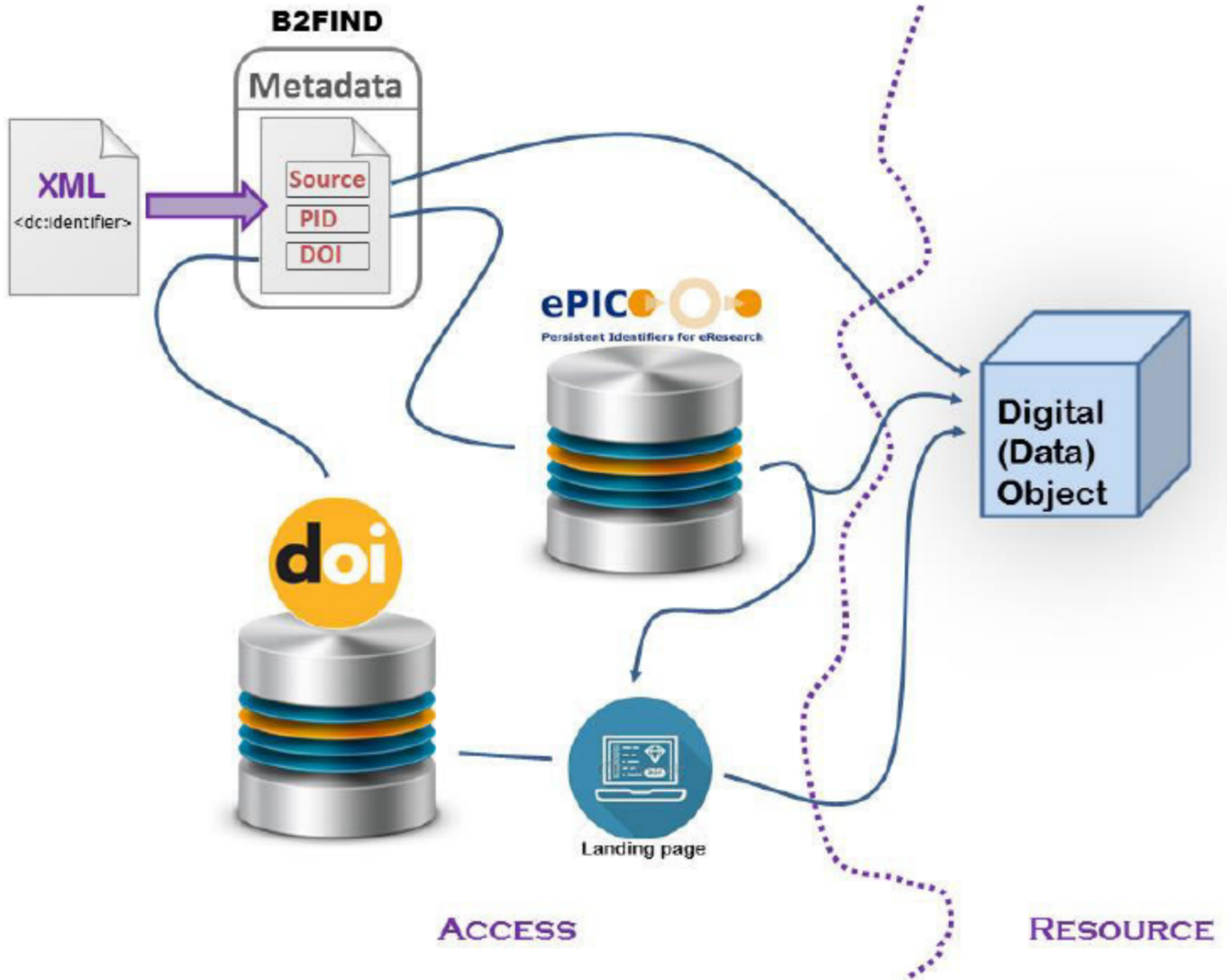
Temporal Coverage

representation

Language

ResourceType

Format



Enhanced metadata schema

general

Title*

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Webportal



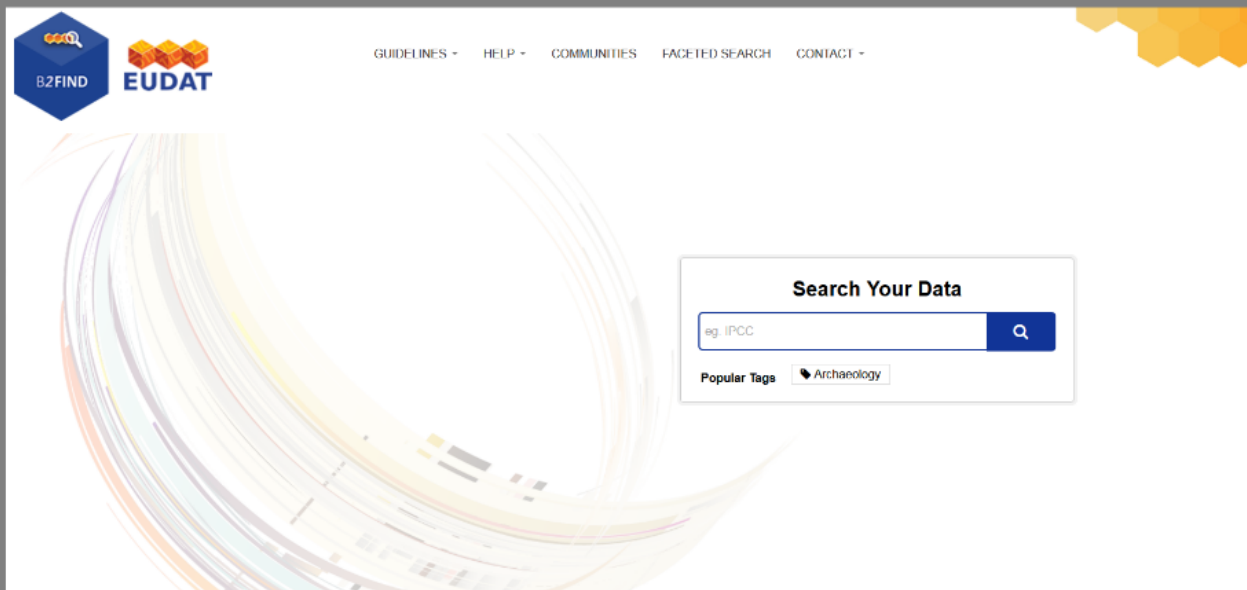
B2FIND

hub

Metadata ingestion

B2FIND

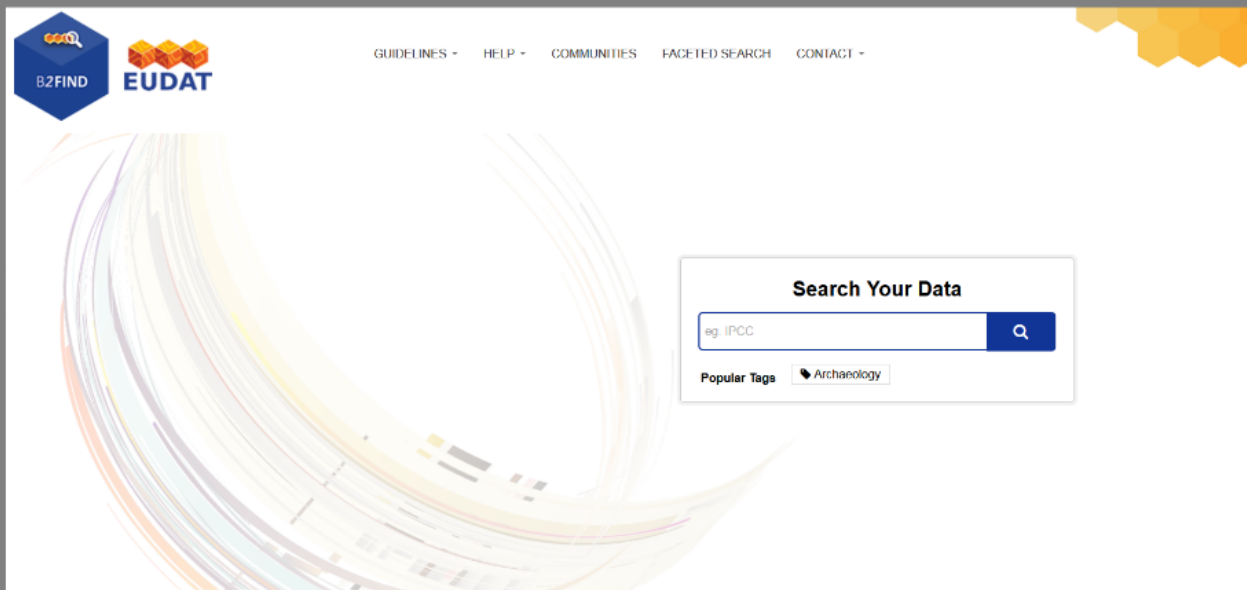
<http://b2find.eudat.eu/mapping.html>



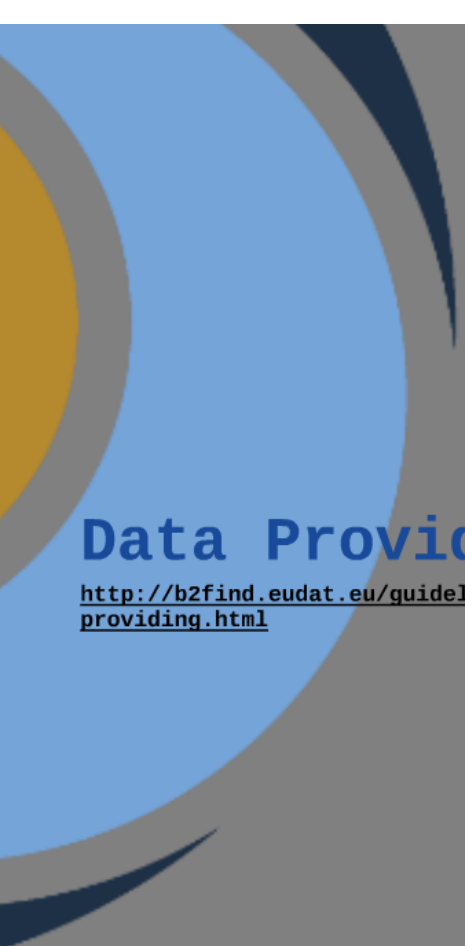
<http://b2find.eudat.eu>

- **is an open source software for repositories**
- **provides a rich RESTful JSON API**
- **uses SOLR for dataset indexing**
- **thus enables users to query and search the catalogue**





<http://b2find.eudat.eu>



Communities

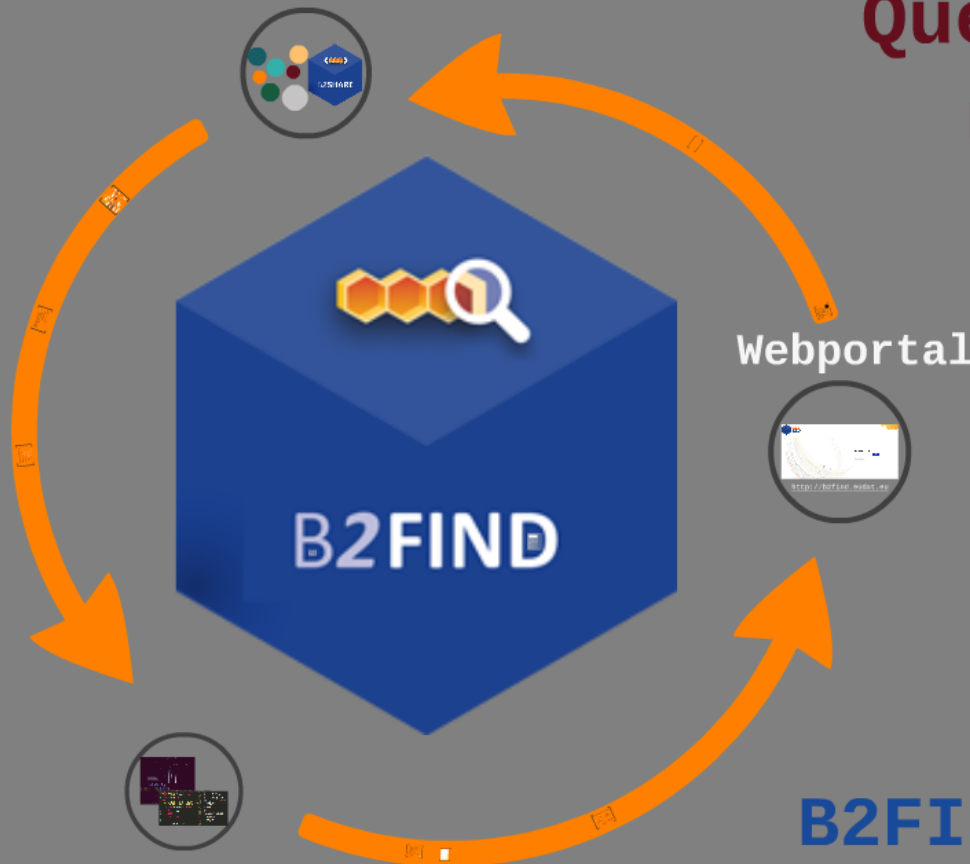


Questions?

Remarks?

Data Provider

<http://b2find.eudat.eu/guidelines/providing.html>



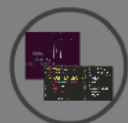
Webportal



B2FIND

B2FIND

Metadata ingestion



<http://b2find.eudat.eu/guidelines/mapping.html>

<https://github.com/EUDAT-B2FIND>


<https://github.com/EUDAT-Training/B2FIND-Training>

hub



Data Provider

[http://b2find.eudat.eu/guidelines/
providing.html](http://b2find.eudat.eu/guidelines/providing.html)



B2FIND

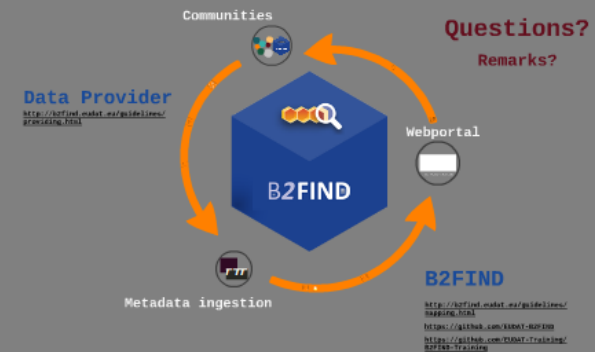
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EOSC-hub





Communities



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Webportal



B2FIND

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hub