DICE B2FIND

EOSC Marketplace ask me anything webinar

- Searching for Research Data across Disciplines -

EOSC Future   with   C-SCALE   DICE Data Infrastructure Capacity for EOSC   EGI-ACE   OpenAIRE | NEXUS   Reliance

DICE – Data Infrastructure Capacity for EOSC

- 14 services covering the whole research data management lifecycle

- >50 PB of storage offered with the services

- Standard requests to be served within 2 weeks

- Support can be provided for customised solutions

- Request the services from the EOSC marketplace ⬜ here

- Ask for further information by email ⬜ here

Data Discovery
Making research data findable
Data source harvestable and to make data widely discoverable

Data Repository
Long-term data resources preservation and sharing To store non-active FAIR data

Policies based Data Archive
Mid-long term data resources, accessible from computing facilities to store non-active research data
Value-added services (integrity checks, replications) for long-term, stable data archives.

Data Archive
Mid term storage resources after/between projects,
Accessible from computing facilities to store non-active research data, bitwise preservation

Personal and/or Project workspace
Mid-term storage during project,
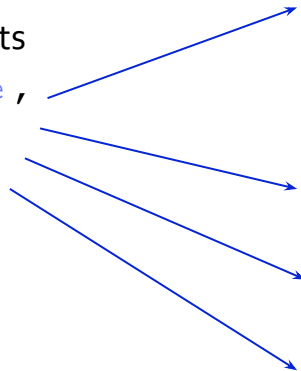Good connection to computing facilities,
To store active resource data

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B2FIND – Data Discovery

- ~ 1.5 mio records
- 49 Communities
- 133 harvesting endpoints

narrow down results using the facets

```
Spatial/TemporalCoverage,
PublicationYear,
Communities, Keywords,
Creator, Instrument,
Discipline, Language,
Publisher, Contributor,
ResourceType, OpenAccess
```


Search data

foraminifera

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B2FIND - Identifier

- persistent identification of (research) data is crucial
- search portals that aggregate metadata need something to link to ☐ Landing Page
- ways of using <identifier> changed over the years ☐ more and more DOIs…
- B2FIND allows several types of <identifier>, in concordance to OpenAire Guidelines

URL
- ✓ unique
- – not always persistent
- – not always resolvable

PID
- ✓ unique
- ✓ persistent
- ✓ resolvable

citable PID
- ✓ unique
- ✓ persistent
- ✓ resolvable
- ✓ citable

Source
(any URL/URN)

PID
(e.g. Handle)

DOI

Identifier	
DOI	https://doi.org/10.23728/b2share.6c52a4c543e74ca5a9f3362e202b0b2c
PID	http://hdl.handle.net/11304/c88f3f8b-4d0e-47a4-b1ba-a72c75ade437
Source	https://b2share.eudat.eu/api/records/6c52a4c543e74ca5a9f3362e202b0b2c
Metadata Access	https://b2share.eudat.eu/api/oai2d?verb=GetRecord&metadataPrefix=oai_dc&identifier=oai:b2share.eudat.eu:b2rec/6c52a4c543e74ca5a9f3362e202b0b2c

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B2FIND – Metadata Aggregator

harvesting

- OAI-PMH, CSW, RestAPI, [SPaRQL]

mapping

- DublinCore, Datacite, OpenAire, EUDAT Core
- ISO 19115/19139 [INSPIRE], DDI 2.5
- community specific