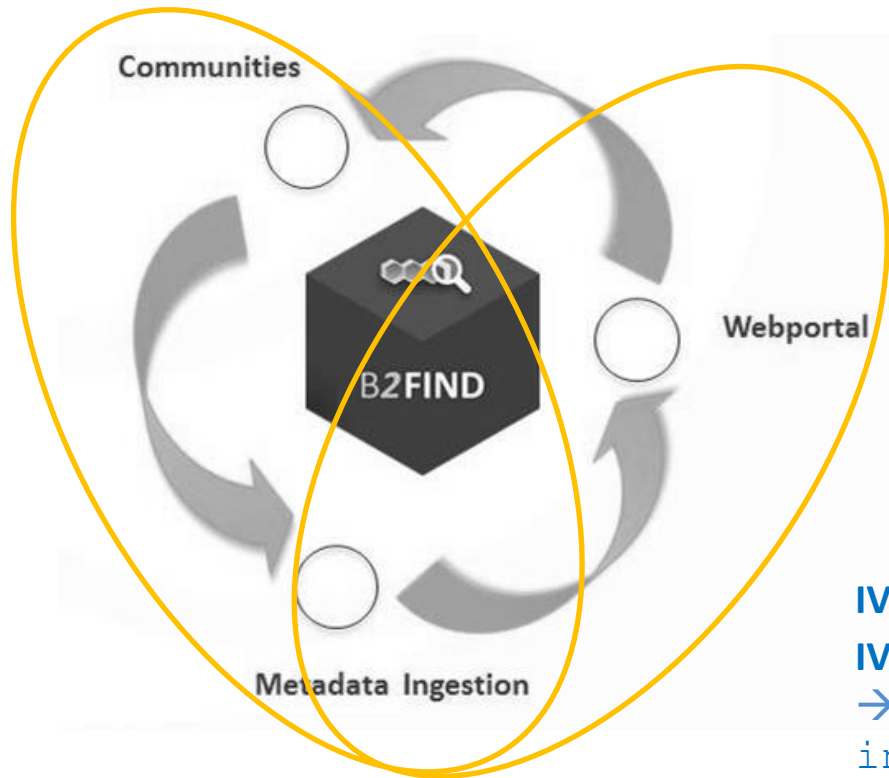


IVOA resources

in B2FIND and OpenAire



harvesting: methods

- OAI-PMH, CSW, RestAPI, [SPaRQL]
- IVOA = OAI-PMH**

mapping: reader

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

IVOA with md = Datacite (old)

IVOA with md = EUDAT Core (new)

→ including more metadata elements, e.g. instrument

narrow down results using the facets

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

Instrument

Filter

ACS (10) 9-1

Gaia (5)

LAMOST (4)

Byurakan 1m Schmidt (3)

SPIRE (3)

GHRs (2)

Hectospec (2)

LOFAR.HBA (2)

multiple (2)

PACS (2)

More

ResourceType

Filter

Service (5185) 9-1

AstroObjects (1176)

Other (441)

Astrolmage (227)

Spectrum (73)


AstroData (56)

Collection (14)

Text (12)

SpectralLines (1)

Filter by location Clear



Map data © OpenStreetMap contributors
 Tiles by Stamen Design (CC BY 3.0)

Publication Year Clear

to to

Communities ^

Filter

IVOA (11039) x

Keywords v

Creator v

Instrument v

Discipline v

Language v

Publisher v

Contributor v

ResourceType v

OpenAccess v

Search datasets... Q

14,583 datasets found Order by: Relevance

Communities: IVOA x

Reflectance spectra of 12 Trojans and Hildas

Hilda asteroids and Jupiter Trojans are two low-albedo (p_v ~ 0.07) populations for which the Nice model predicts an origin in the primordial Kuiper Belt region. However, recent...

GLIMPSE Cygnus-X Catalog

The Cygnus-X Catalog and Archive contain sources from longitudes l=76-82d extracted from data processed using the GLIMPSE pipeline. There are two types of source lists: a high...

RU Eri UVB differential light curves

RU Eri is a near-contact eclipsing binary (V=9.24mag) with a 0.632-day orbital period. The Wilson-Devinney program is used to simultaneously solve new UVB light curves obtained...

Radio emission from planetary nebulae

We have analysed the radio fluxes for 264 planetary nebulae for which reliable measurements of fluxes at 1.4 and 5 GHz, and of nebular diameters are available. For many of the...

Optical positions of 55 radio stars at Yunnan Obs.

The observations by the photoelectric astrolabe at Yunnan Observatory relative to the Hipparcos Catalogue (Cat.) and the optical positions of 55 radio stars were obtained from...

Inelastic e+Mg collision data

Results of calculations for inelastic e+Mg effective collision strengths for the lowest 25 physical states of MgI (up to 3s6p¹P), and thus 300 transitions, from the convergent...

M43, Horsehead, MonR2, M17SW [CII]158um spectra

The [CII] 158um FIR fine-structure line is one of the most important cooling lines of the star-forming ISM. It is used as a tracer of star formation efficiency in external...

Hubble Space Telescope Preview Images

Quick-look preview images produced and processed by CADC. Data from the following HST instruments are included: WFPC, WFPC2, STIS, NICMOS, FOC, and ACS.

B2FIND

- md schema based on EUDAT Core
(Datacite + spatialCoverage, Instrument, Discipline, Contact, several types of Identifier)
- md exposure via OAI-PMH
 - with md prefix euc (all we have)
 - with md prefix datacite (= OpenAire)

OpenAire

- md schema based on Datacite
(with multiple types of Identifier)
- harvesting only with md prefix datacite!



*missing information for IVOA
records in B2FIND*



Are IVOA resources already in EOSC (because in OpenAire via B2FIND) ?

EOSC Future

- EOSC Portal = web interface for everything
- EOSC Marketplace = web interface for ordering "services"
- EOSC Resource Catalogue = system behind the Portal
 - currently: just a look-up tool for "services"
 - update September: include "research products" and "data sources"



FAIRCORE4EOSC

- 14 new "components" for EOSC, e.g.
 - EOSC Research Discovery Graph (RDGraph)
 - EOSC PID Graph (PIDGraph)
 - EOSC Metadata Schema and Crosswalk Registry (MSCR)
 - EOSC Data Type Registry (DTR)
 - EOSC PID Meta Resolver (PIDMR)
 - EOSC Research Activity Identifier Service (RAiD)
 - ...
- as always: no real sustainability...

→ become an EOSC Provider and onboard your services, data sources, research products!

