



Comment utiliser l'EOSC

1^{ère} Journée EOSC au CNRS

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EOSC Catalogue & Marketplace

<https://marketplace.eosc-portal.eu/>

5 484 020 resources available – 05/02/2024

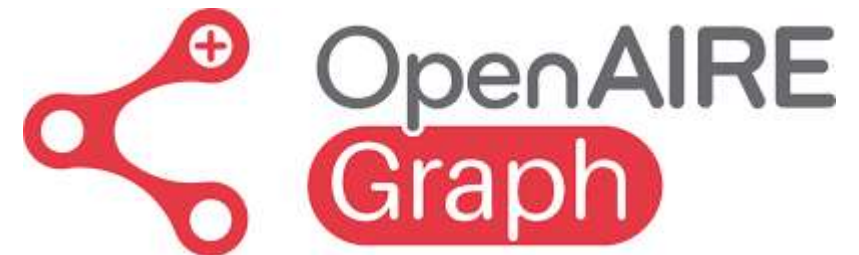
- **Publications:** articles, thesis, slides, reports, deliverables (2 460 336)
- **Datasets:** research data (2 340 008)
- **Software:** source code, scripts, workflows (220 320)
- **Services (474)**
- **Data Sources:** services that host collections of research products, e.g., data repositories, software repositories, and publication repositories (70)
- **Training:** online courses, webinars, guides (37)
- **Other Products (462 813)**

The screenshot displays the EOSC Marketplace Resources page. At the top, there is a navigation bar with links for 'About EOSC', 'Browse Marketplace', 'Providers Hub', 'Monitoring', 'Status', and 'Contact us'. A search bar is prominently featured, containing the text 'Search in catalogs' and 'All Resources'. Below the search bar, there are options for 'Show Advanced Search' and 'Advanced Search Guide'. The main content area shows a search result for 'EGi Cloud Compute', which is categorized as a 'Service' and a 'Horizontal Service'. The result includes details such as '190 Downloads', '3214 Views', and 'Enjin'. The page also features a 'Filters' sidebar on the left, a 'Community Catalog' dropdown, and a 'Download Results' button. On the right side, there are several utility boxes: 'Exploration Toolkit', 'Searching Pathways', and 'Effective Data Reuse', each with a 'Help' button.

EOSC Catalogue & Marketplace

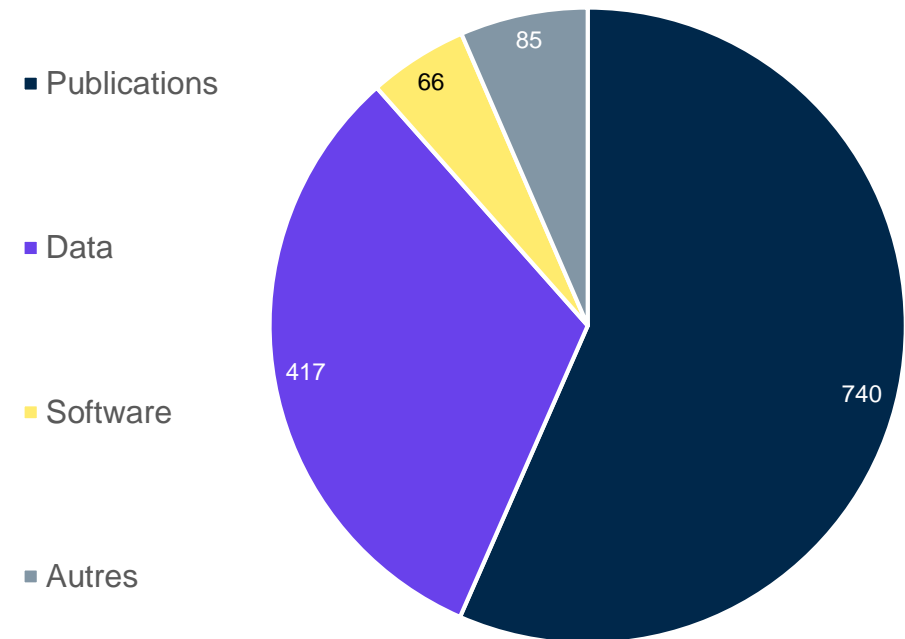
<https://marketplace.eosc-portal.eu/>

- **OpenAIRE graph – harvesting data sources**
 - Interoperable : OpenAIRE guidelines
 - Open : CC-BY or CC-0
 - Enriched (classification, deduplication, etc.)
 - Metrics – statistics of use
- **Examples of sources**
 - Publications : Zenodo, episciences.org, OpenDOAR, NERC Open Research Archive, Scientific Reports, Digital.CSIC, HAL
 - Datasets: B2FIND, Zenodo
 - Software : Zenodo



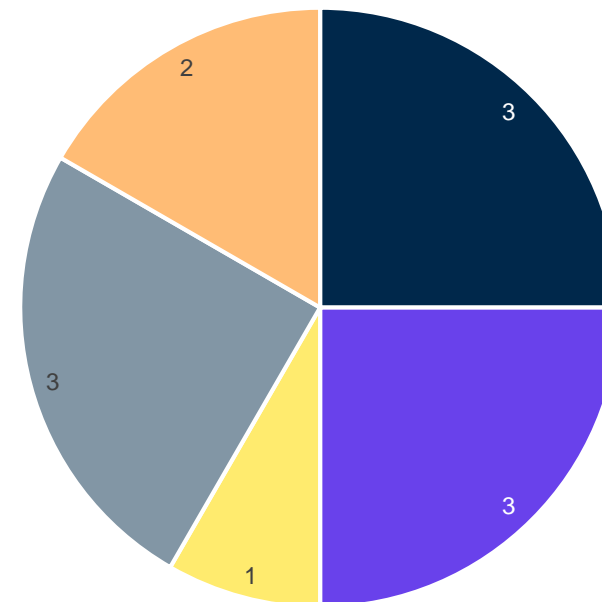
Ressources CNRS dans EOSC Marketplace

Recherche tag « CNRS »



Services CNRS dans EOSC Marketplace

12 services providers, 13 services



■ IN2P3 ■ INSHS ■ INP ■ INSU ■ Générique

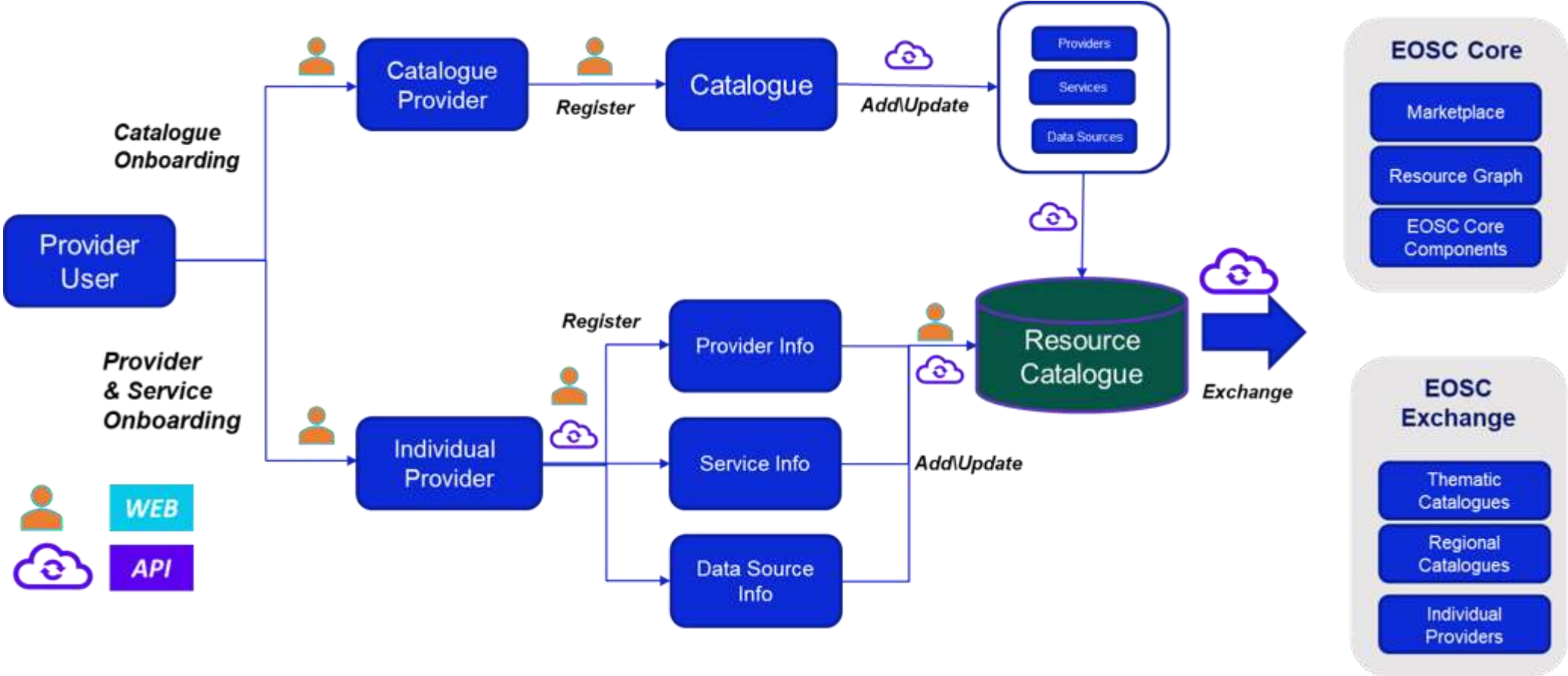
EOSC Rules of Participation (RoP)

<https://data.europa.eu/doi/10.2777/30541>

- **Published January 2021**
- **State the standards and conduct required of EOSC participants**
 - **Openess**
 - **Alignment to FAIR principles**
 - **Alignment with Architecture & Interoperability guidelines**
 - **Ethical behavior & research integrity**
- **Build trust in the EOSC and the resources accessible through EOSC**
- **Develop quality through transparency**
- **Minimise the need for regulation**
- **EOSC participants agree to adhere to the RoP.**
- **The EOSC Future project has translated the general guidance of the RoP into specific criteria to be used with Providers**



The EOSC Onboarding Process



The EOSC Onboarding Process

Registration of a new Provider and registration of Resources or Data sources managed by that Provider

1. **Onboarding a new EOSC Provider.** The new provider registers itself in the [Service Providers Dashboard](#), and EPOT reviews this registration before approving the new provider. This step ensures that each EOSC Provider is organised to provide the type of quality resources expected by EOSC.
2. **Onboarding a new Provider's first resource to the EOSC Catalogue and Marketplace.** The new provider registers its first resource, e.g., a service of some kind, in the Service Providers Dashboard, and EPOT reviews this registration before approving the new resource. This step establishes the quality and interoperability of the first resource that the Provider wishes to onboard. This also establishes that the Provider understands what will be needed to ensure the desired quality and interoperability for additional resources that might be onboarded to EOSC.
3. **Onboarding additional resources.** Once the first resource has been onboarded, Providers can add additional resources to the EOSC Catalogue and Marketplace on their own.
4. **Ongoing Audits of Providers and Resources.** EPOT conducts ongoing audits of the collection of resources available through the EOSC Catalogue and Marketplace. This ensures that EOSC continues to offer the quality and interoperability of resources required by researchers.

EOSC Service provider

<https://providers.eosc-portal.eu/provider/add>

Provider Profile Information Blocks

- **Basic** (name, abbreviation, website, legal status, etc.)
- **Marketing** (description, logo, etc.)
- **Classification** (scientific domain)
- **Location**
- **Contact**
- **Maturity** (level of readiness, certification)
- **Dependencies**
- **Other**
- **Admins**

<https://wiki.eoscfuture.eu/display/PUBLIC/A.+v4.00+EOSC+Provider+Profile>

<https://wiki.eoscfuture.eu/display/PUBLIC/B.+v4.00+EOSC+Resource+Profile>

The screenshot shows the 'Add New Service Provider' form on the EOSC portal. The page header includes navigation links like 'Contact Us', 'Portal Home', 'Catalogue & Marketplace', 'Providers Dashboard', 'Provider Documentation', and user options 'Oliver ROLANDER' and 'Logout'. The main content area has a blue header with the EOSC logo and the text 'Add New Service Provider | Catalogue: EOSC'. Below this is a 'Provider Name' input field and a 'Save as draft' button. A light blue informational box states: 'You are about to register a new Service Provider (SP). You will be able to register new service(s) when this process is completed and your SP is onboarded. For further information you may visit items under the support menu.' A note below explains that fields with an asterisk (*) are mandatory. The form is divided into 'Provider Profile Information' blocks, with '1. Basic' selected. The 'Name (*)' field is currently empty, with a note: 'Full Name of the Provider/Organization offering Resources and acting as main contact point for the Resources. Suggested length is 100 characters.' The 'Abbreviation (*)' field is also visible.

EOSC Services

Examples of Exchange services for the researcher

- **B2Drop (EUDAT):** low-barrier user-friendly and trustworthy storage environment which allows users to synchronise their active data across different desktops and to easily share this data with peers. EUDAT offers a free public basic instance for any researcher.
- **B2Share (EUDAT):** free-to-use public service supporting cross disciplinary research, self-registration for any scientists and researchers, free upload of stable research data, data will receive a DOI
- **EGI Cloud Compute (EGI):** deploy and scale virtual machines on-demand. It offers guaranteed computational resources in a secure and isolated environment with standard API access without the overhead of managing physical servers
- **AI4EOSC platform (IFCA):** enhance the development and deployment of AI/ML/DL models and applications within the EOSC context
- **Rstudio (D4Science):** integrated development environment for R. It includes a console and a syntax-highlighting editor and it enables code execution.



AI4 |  eosc

 Blue-Cloud

EOSC Services

Examples of Exchange services for the developer / service provider

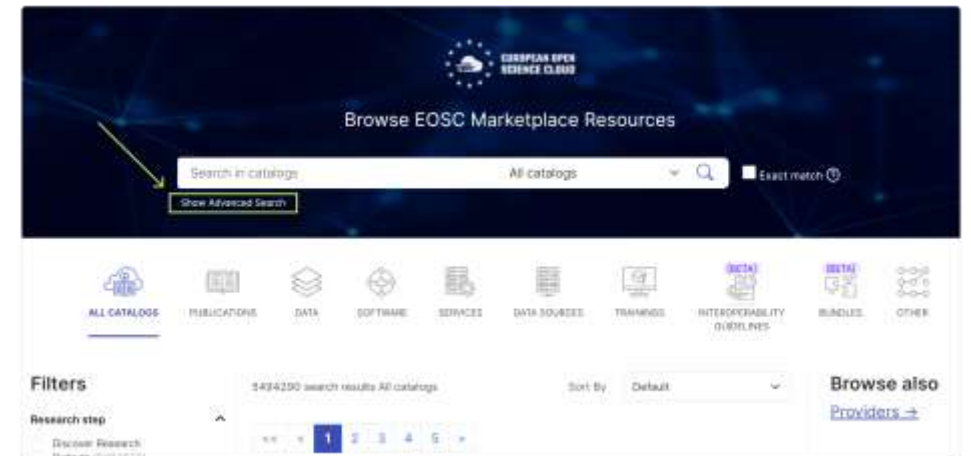
- **B2Access (EUDAT): federated cross-infrastructure authorisation and authentication proxy for user identification and community-defined access control enforcement. Supports authentication e.g. via eduGAIN, ORCID and Social Identities**
- **eduTEAMS (GEANT): enables members of the research and education community to create and manage virtual teams and securely access and share common resources and services using federated identities from eduGAIN and trusted Identity Providers**
- **Visual Media Service (D4Science): upload visual media files on a server and to automatically transform them into an efficient web format making them ready for web-based visualisation.**
- **perfSONAR (GEANT): easy, transparent end-to-end monitoring, giving access to network measurement data from multiple network domains.**



How to browse the EOSC Marketplace?

Comprehensive search experience consists of three elements

- **Basic Search:** always positioned at the top of the webpage, this is where you can enter your search queries.
- **Advanced Search:** adjacent to the main search bar, the advanced search feature allows you to refine your search using specific criteria.
- **Standard Filters:** on the left side of the webpage, you'll find traditional filters that help you narrow down your search results.



How to access a service?

If not in open access, an order must be placed

Access the service

⏏ ORDER REQUIRED

- **Select the service**
- **Provide information (select an offer, specify configuration)**
- **Place an order to request access**
- **The summary of the order will be sent via email**
- **User will be contacted by the support team once the service is ready to use**