EOSC Portal Release 2
User Component key updates

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Main changes:
1. Marketplace Recommender System
2. A/B testing experiments
3. Common UI components
4. Autologin for Portal pages
5. Favourite resources
6. User projects UX improvements
7. Provider pages and search
8. Tour feedback review panel
Suggestions on the basis of:
• users’ interests (profile),
• the interests of other similar users and
• interactions with the EOSC Marketplace

Implementation
• Results are adjusted to the given search context, like a search query or user-chosen filters
• Two independent algorithms
• User-action probing mechanism
• To provide users with recommendations of the highest quality.
Neural Collaborative Filtering pre-agent
• State-of-the-art algorithm, which builds on one of the classic methods in the field
• It pairs users with the services that they enjoy, using Deep Neural Networks
• Introduced to verify the assumptions

TD3 Reinforcement Learning agent
• A novel take on the recommendation formula
• Operates in the online environment-agent framework, where the environment represents even the most complex behaviour of the users,
• Incremental growth of performance
• The agent works to fine-tune the recommendations as closely as possible to real-time
A/B testing experiments
• Chosen display method is connected with user section
• 50% of the sessions are linked with one of the two variants
• Experiment conversion rate is measured by user clicks
Java Script library featuring

• A single source of consistent style and information for common UI components for use by EOSC Portal ecosystem webpages

• A framework open to collaboration using Github with minimised barriers for collaborators with little technical expertise

• Dynamically deployed documentation and preview

• Automated tests and highly customizable configuration for different development scenarios

• Lightweight adoption

• Integrated with EOSC Marketplace and EOSC Portal Webpage

https://github.com/cyfronet-fid/eosc-portal-common
Autologin for Portal pages

- Built in the common components Java Script library
- Usable for all Portal components
- Optimises the performance of the Single Sign On mechanism when navigating between different pages of the EOSC Portal
Authenticated users
• A user-space panel to access favourite resources

Anonymous users
• Favourite resources kept in user session
• Invitation to log in and save resources

Favourite resources

GEOSS Web Portal
Access to resources from the Global Earth Observation System of Systems.

Main features:
• Access to Earth observation
• Data from EOSC
• Go back to the measurement

MEA Platform
H2020 project towards a Digital Earth by removing Data Access Barriers.

Main features:
• Environmental and socio-economic Earth Observation
• Scientific domain - Earth & Environment
• Add to comparison
• Remove from favourites

EOSC Resource

Save your favourites!
If you want this EOSC resource to be added to your favourite Resources list, please log in. In other case, we won't be able to remember this resource as your favourite.

GÉANT Clouds Service
Enabling institutions to access virtualised commercial cloud services

Main features:
• GÉANT Clouds
• Add to comparison
• Remove from favourites

GÉANT IP
Providing high bandwidth, high-speed international connectivity for millions of academic users

Main features:
• GÉANT Association
• Add to comparison
• Add to favourites

GÉANT L3VPN
Increased privacy and control - helping to build effective virtual teams across borders.

Main features:
• GÉANT Association
• Add to comparison
• Remove from favourites
User projects UX improvements

Changes

• Better UX with the new layout of the pinned and ordered resources
• UX improvement with more accurate terminology used in navigation and project section descriptions
• Improved conversation view and styles
• UI notifications
Features

• Provider page based on the Provider Profile 3.0
• Search and autocomplete mechanisms for providers
• Browsing provider resources
• Recently added resources
Smaller updates

RWD – UI responsiveness

Resource comparison attributes

Zoomable maps
UX - tour feedback review panel

Tour Feedback

<table>
<thead>
<tr>
<th>TOUR NAME</th>
<th>RATING</th>
<th>COMMENT</th>
<th>CONTACT CONSENT/EMAIL</th>
<th>RECEIVED</th>
</tr>
</thead>
<tbody>
<tr>
<td>service_details_intro</td>
<td>4/5</td>
<td>Excellent!</td>
<td>false</td>
<td>2020-11-13 22:06:55 UTC</td>
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</tr>
<tr>
<td>service_details_intro</td>
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<td>This is a really nice layout!</td>
<td>false</td>
<td>2020-11-25 15:33:08 UTC</td>
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<tr>
<td>service_details_intro</td>
<td>2/5</td>
<td>It seems useful, but I would like to dig in to understand if I am able to have a global comprehension of the resources</td>
<td>false</td>
<td>2020-11-26 22:07:14 UTC</td>
</tr>
</tbody>
</table>
Workshops and surveys

WP4 EOSC Portal functionalities towards EOSC End-Users
- T4.1 User experience modeling for key scenarios and persona
  - EOSC Persona and user journey activity - summary
    - EOSC Persona survey
    - General info for all
    - User Persona and User Journey activity
      - User personas and user journeys: CESSDA use case
      - User personas and user journeys: CNRS-LAPP use case
      - User personas and user journeys: EGI use case
      - User personas and user journeys: EMBL-ELIXIR use case
      - User personas and user journeys: EUDAT use case
      - User personas and user journeys: GEANT use case
      - User personas and user journeys: ICOS use case
      - User personas and user journeys: ILL use case
      - User personas and user journeys: OpenAIRE use case
      - User personas and user journeys: UNIMAN use case
      - User personas and user journeys: XYZ use case

The EOSC Portal is a gateway to information and resources in EOSC, providing updates on its governance and users, and the new developments and implementations. Key events for the EOSC community, as well as training materials for different components.

The EOSC Portal Catalogue & Marketplace acts as a user-friendly entry point to the multitude of services and resources researchers across different domains, provided by leading European and international organisations.

The Horizon 2020 project EOSC Enhance is launching an open survey targeting the entire EOSC community, to learn more about individuals who create EOSC resources and the impact they have on research. This information is essential to EOSC Enhance.

The survey only takes 15 minutes and ends on Monday, 13 May 2021 17:00 CET.

Take the survey now

EDOSC Portal virtual meeting - Collecting feedback about the Catalogue & Marketplace

Date: 17 March 2021 14:00-15:00 CET

EOSC Enhance is hosting a virtual meeting to collect feedback from the end-users of the EOSC Portal Catalogue & Marketplace, on the road to the next official release of the EOSC Portal. Join us and take part in the discussion and have your say on the topics introduced by representatives of the Catalogue & Marketplace in the interactive session. Ask questions and get to know the EOSC Portal! For further information on EOSC Enhance and the EOSC Portal, visit the EOSC Portal website.

Help co-create the EOSC Portal in the implementation phase of the European Open Science Cloud, which will benefit researchers across disciplines and communities.

Browse the EOSC Portal Catalogue & Marketplace

Please find the FAQ here

EDOSC Portal virtual meeting - Collecting feedback about the Catalogue & Marketplace
User personas

Nicole, Henry
25-65, a person that applies the scientific method to conduct research. Discovers that he is a discipline-specific professional.

Professional background
The primary scientific discipline of the person’s physics, more specifically Astronomy and Particle Physics. This person has a university degree in both nuclear sciences, and is a PhD with a particular profile, this person has, at least, an MPA certification.

Alice
42, leads some years of work experience managing a data repository and metadata catalogues.

Professional background
Saw such a data scientist needs both knowledge about the inspection research fields to meet the requirements of the research community and skills about data management and programming. Often they have statistical physics and very low in their career moved on and data management in their research environment. Less often they studied computer science and then work that way only if the specific research area is on a job.

John
22, has some skills in PHP and software engineering.

Professional background
They either come straight from university doing this PHP and don’t have much work experience yet, it’s the same for the person who is currently working. We have these two people in our research group for the work they work on studies. At times of problems we watch these tests of personal work with another.

Location
Usually works at an office of the institution and direct cooperation with their colleagues (e.g. administrators, data managers, ...). Leads and close cooperation with scientists and service providers is crucial. In times of pandemics we have less of these personal works at home.

Goals
In a general sense, a researcher looking for the forward progress development through a strategy of being a valuable and productive member in the collaborations or institutions he is involved.

Frustrations
What makes him/her frustrated?

Possible solutions
What can we do to help him/her achieve his goals?
We will continue