eInfraCentral

eInfraCentral Portal

European e-Science Services Gateway

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Core objectives

- A common harmonised catalogue of e-Infrastructures services
- A single Gateway for European E-Infrastructures for end users to access and compare services
- A single point of reference for researchers and the broad community to provide access and make services and resources discoverable
- A tool for seamlessly monitoring of service performance and quality across multiple service providers

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 731049

Stakeholders

- Individual Researchers
- Research Communities
- Data & Content providers
- Research Administrators
- Funders
- Policy Makers
- SMEs
- Citizen Scientists (Public)

Different views on a harmonized service catalogue

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Researcher - E-infra service user

E-infra service provider

E-infra service funder

Service user - Researcher

- Discover services of interest organized in categories
- Save time for comparing various service offerings (e.g. by price, features)
- Judge on the relevance of the offered services
- Request access more easily to services that I am interested to use
- Identify gaps in the offered services
- Rate experience with the used services for service improvements

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Service provider

- Increase the visibility of service offerings
- Attract new type of users
- Streamline service descriptions according to a common typology and definitions
- Become part of an EU-wide initiative
- Monitor service statistics, e.g., usage and user ratings

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Service Funder

- Compare service characteristics along several categories
- Identify overlaps and gaps
- Compare KPIs related to services and other aspects of interest, e.g.,
- Visualisation tools for capturing the e-Infrastructure evolution along several dimensions
  - Availability, Requests, Users, Usage, Capacity, Coverage, et al.

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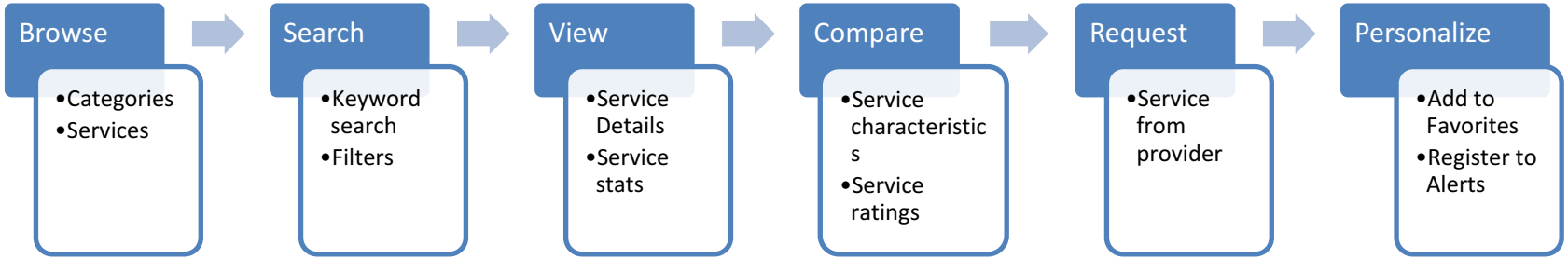
Are you a researcher?



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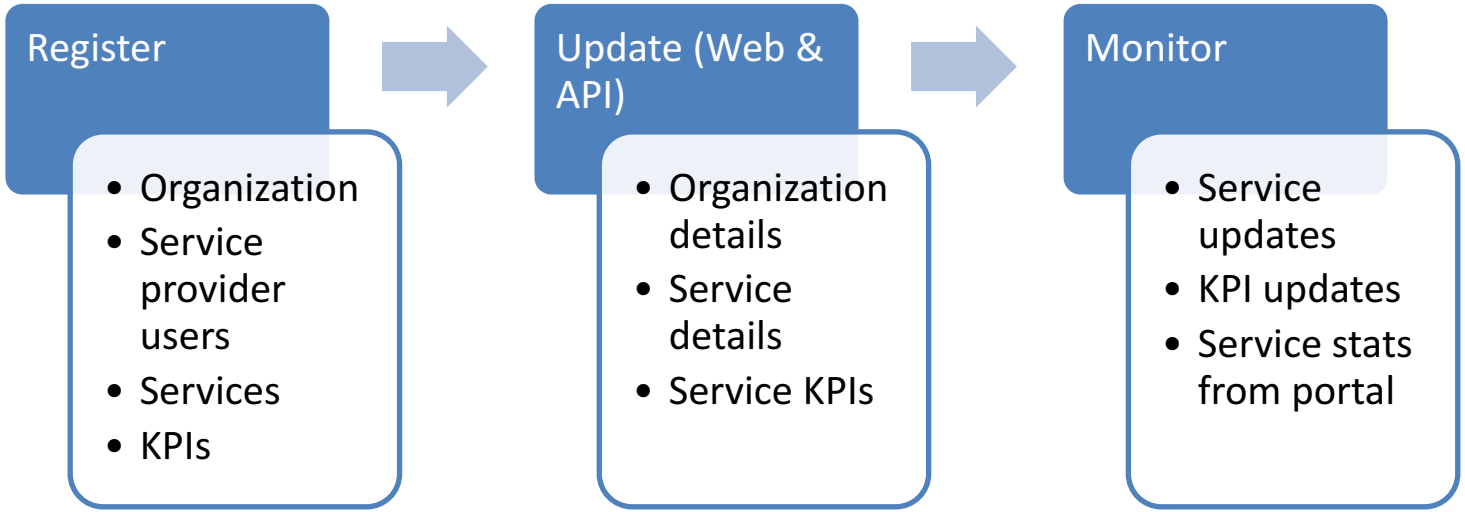
Are you a service provider?



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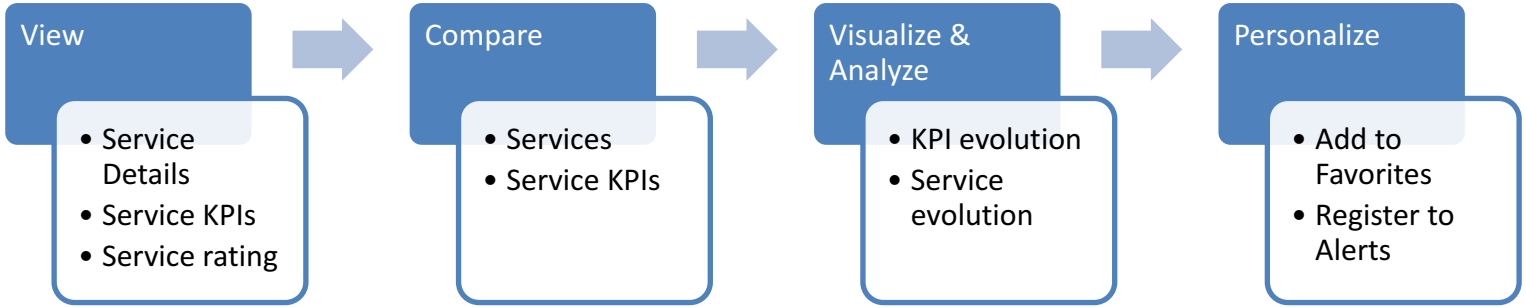
Are you a funder?



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Progress so far

- 1st prototype online beta.einfracentral.eu
  - ~73 service online (EGI, EUDAT, OPENIRE, GENAT, PRACE)
  - Browse the Catalogue of services
  - Search and Filter services
  - View service details
  - Compare Services
  - Add a new or update a service

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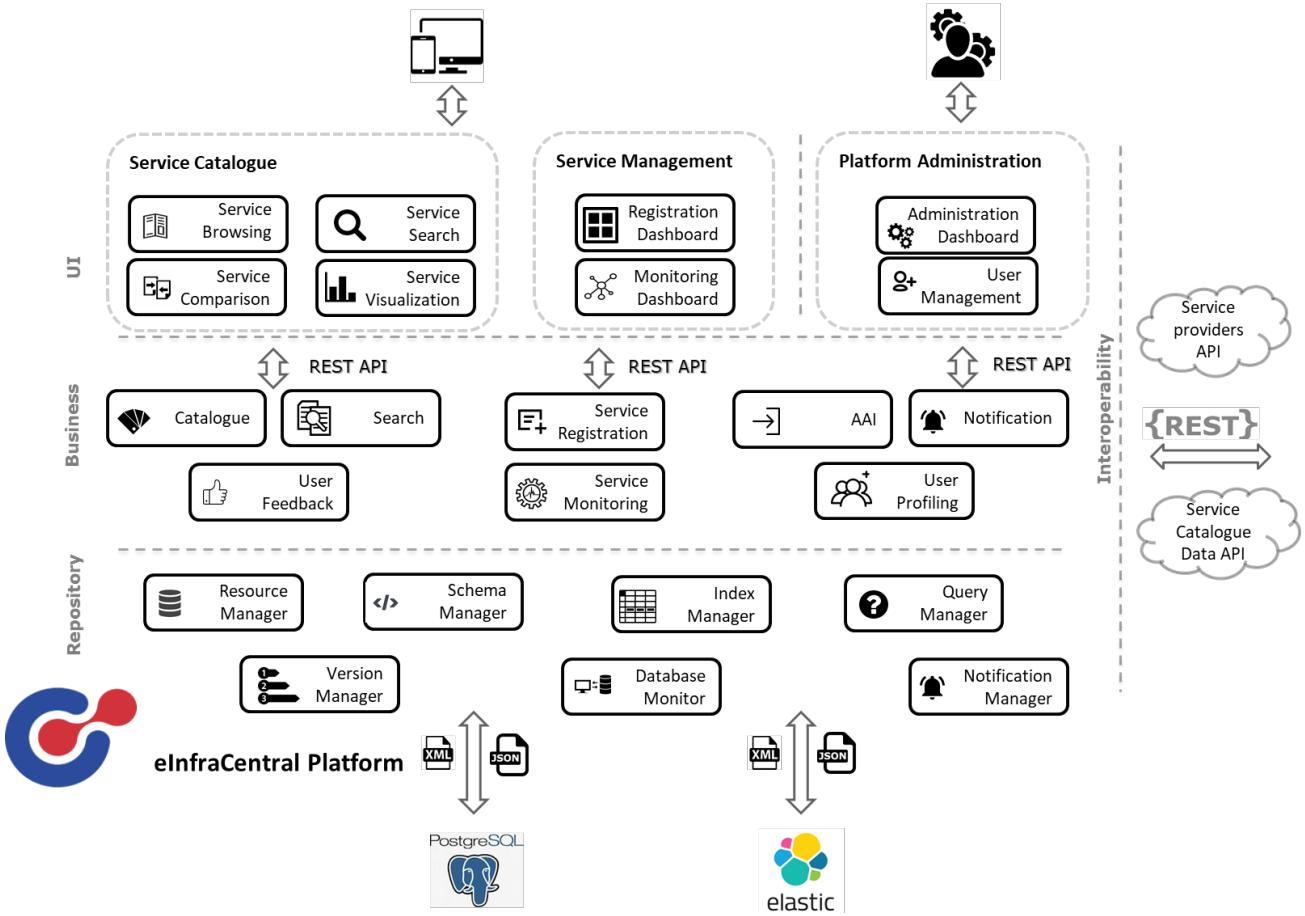

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Functional Platform Requirements

Public Users

FS/CAT/01 - List the **categories/subcategories** of a list of services
FS/CAT/02 - List the **services for a specific category**/subcategory
FS/CAT/03 - View **overviews** of a list of services
FS/CAT/04 - View **details** for a service
FS/CAT/05 - **Navigate** to the service at the remote service provider
FS/CAT/06 - **Search** for a service through keywords
FS/CAT/07 - View **faceted** filters from a list of services
FS/CAT/08 - **Filter** a list of services through faceted filters
FS/CAT/09 - **Compare** a list of services
FS/CAT/10 - List the services for a specific user **group**
FS/CAT/11 - **Register** as an end user via **local** authentication
FS/CAT/12 - **Register** as an end user via **remote** authentication

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Functional Platform Requirements

Registered Users

….what Public users can do

+

FS/CAT/14 - **Login**

FS/CAT/15 - Edit the **profile**

FS/CAT/16 - Add/Remove a service from the list of **favourites** of a user

FS/CAT/17 - View the list of **favourite** services for a user

FS/CAT/18 - Subscribe/Unsubscribe to platform **alerts**

FS/CAT/19 - View the list of **alerts** for a user

FS/CAT/20 - **Rate** a service

FS/MON/06 - Visualize KPIs for a list of services

FS/MON/07 - Get average rating for a service

FS/MON/08 - Get usage statistics for a service

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Functional Platform Requirements

Service providers

…what registered users can do

+

FS/CAT/13 - **Register** as a **service provider** user
FS/REG/01 - Register a new service
FS/REG/02 - View a list of services provided by a service provider
FS/REG/03 - Update an existing service
FS/REG/04 - Deactivate/activate a service
FS/REG/05 - Delete a service
FS/REG/06 - List all actions applied on a service
FS/MON/01 - Add/remove a KPI type
FS/MON/02 - Associate/Remove a KPI type from a service
FS/MON/03 - View KPIs associated with a service
FS/MON/04 - Append/Update values of a KPI for a service
FS/MON/05 - Set the time interval for automatic updates of a KPI

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…a quick demo

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Thank you!

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