



Assessment on Integration of Metadata Catalogues

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ExPaNDS Meeting for WP3 KPI Assessment, 7th December 2021

Integration of Metadata Catalogues

Task 3.4: Coordinate the integration of metadata catalogues to manage the data lifecycle at EU national Photon and Neutron RIs

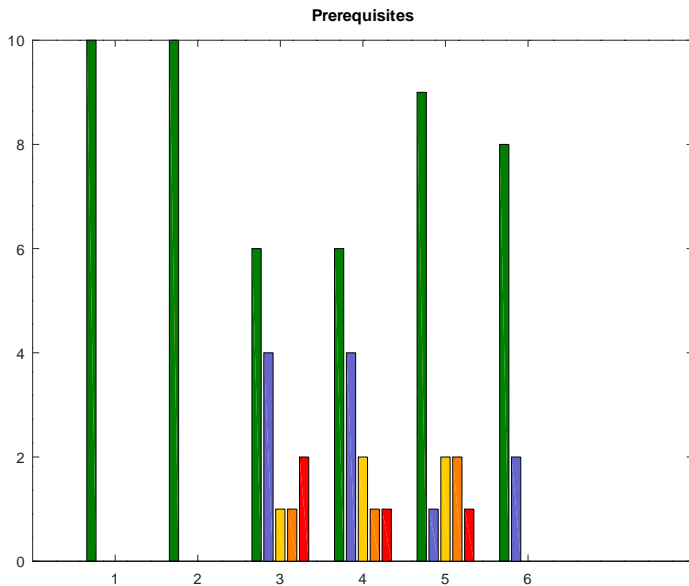
Based on the roadmap defined in task 3.1 the national sites will deploy the developed standards and processes. The WP will help to coordinate these activities by providing best practices and cross-site support. Technical and user interface related information will be documented and provided as input for WP5 to facilitate training. The coordination process will be continued until the end of the project.

- As a first step, we want to understand where ExPaNDS partners stand with their metadata catalogues.
- We base the assessment on the WP3 key performance indicators, see D3.1.
- We performed an online survey and want to discuss results in this meeting.

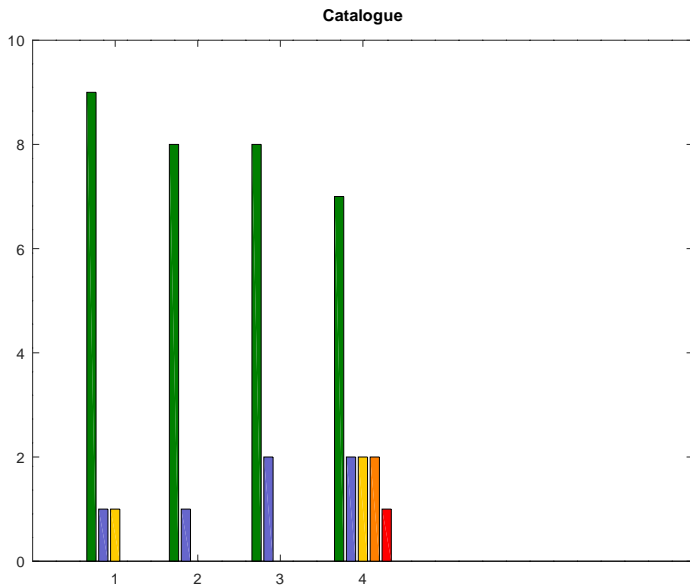
Survey Results

- We have six groups of KPIs: Prerequisites, Choosing a Catalogue, Minimum Product, Facility Integration, EOSC Integration, and PaN Specific Implementations. Each group has between four and seven individual KPIs. 31 KPIs in total.
- On the following slides, we display five bars for each KPI:
 - Number of partners having already achieved this one (green),
 - Number of partners that plan to accomplish it by the end of the project (blue),
 - Number of partners having named it as a current priority (yellow),
 - Number of partner seeing it as a road blocker (orange),
 - Number of partner asking for help on this one (red).

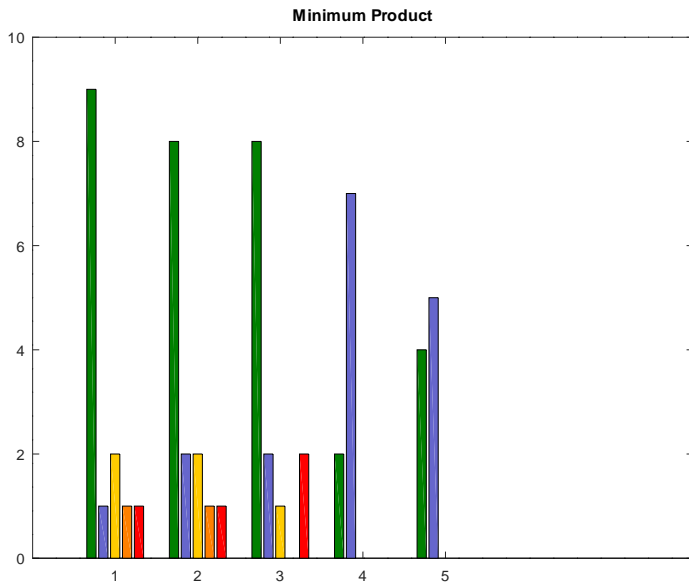
Prerequisites



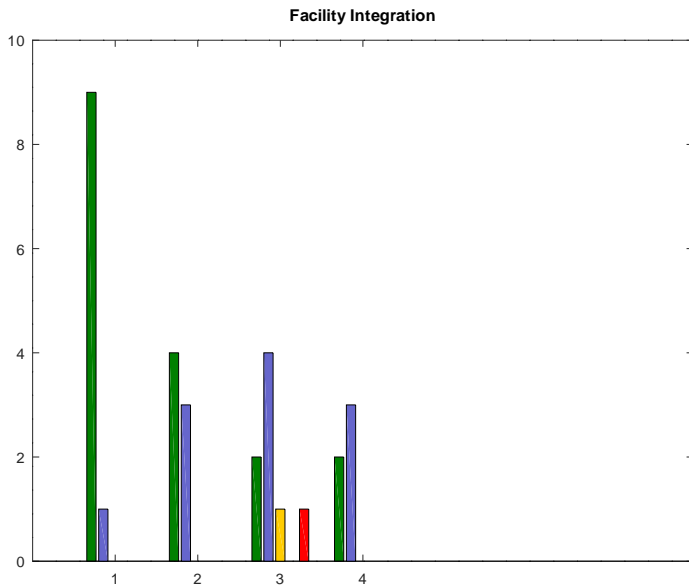
Choosing a Catalogue



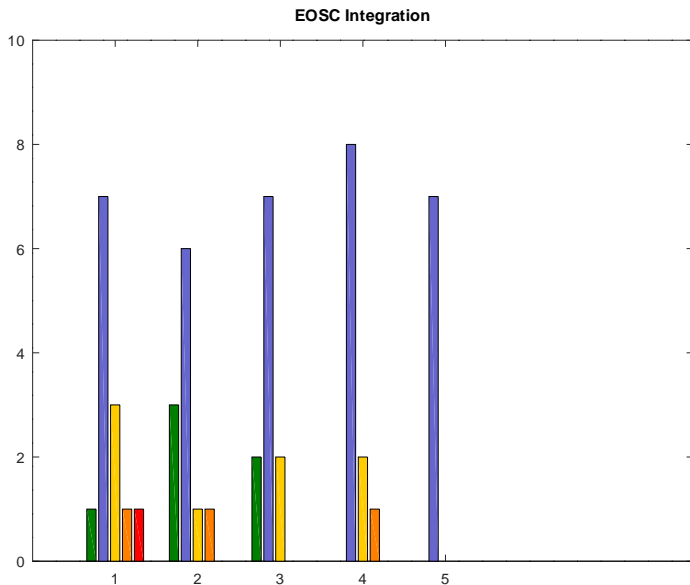
Minimum Product



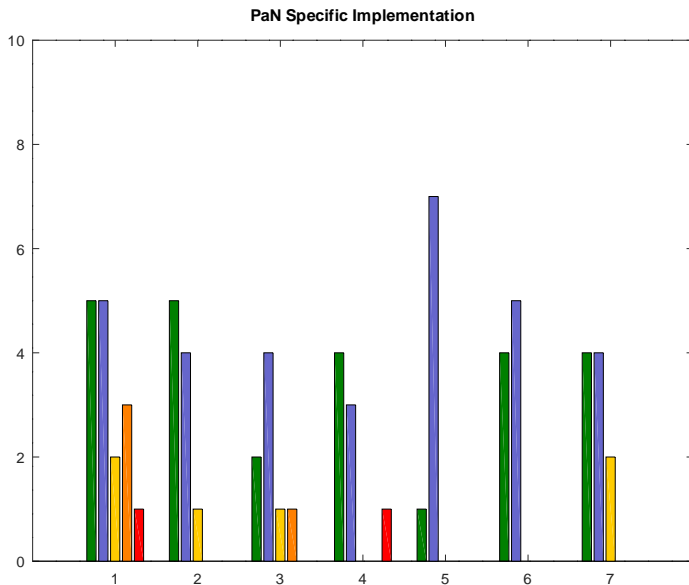
Facility Integration



EOSC Integration



PaN Specific Implementations



Analysis

- Considering the text answers for priorities, road blockers and help wanted, there seem to be complex of related issues around
 - 1.3: Prerequisites for a Metadata Catalogue - Data Standards
 - 6.1: PaN Specific Implementations - Domain metadata ingest
- Further common issues might to be:
 - 1.4: Prerequisites for a Metadata Catalogue - PID issuer
 - 1.5: Prerequisites for a Metadata Catalogue - Data Policy
 - 2.4: Choosing a Metadata Catalogue - Decision
 - 3.1: Minimum Product for a Metadata Catalogue - File ingest
 - 3.2: Minimum Product for a Metadata Catalogue - Authenticated data access
 - 5.1: EOSC Integration - Federated access to data
- Better insight expected from the discussion