E|SPACE

Europeana Space, Best Practice Network

Spaces of possibility for the creative re-use of digital cultural content

Europeana Space Technical Workshop

Brussels, 23-24 March 2015

Europeana Space is establishing a Technical Space as a framework for storing, accessing and processing cultural heritage content and metadata. Based upon IPR licensing, curators, scholars, professional users and developers will be able to search for and manage resources within a safe space, to use and re-use them for the evolution of knowledge and the development of applications.

In the technical workshop we will present the architecture and implementation choices for the Technical Space, specifically:

- The Data Infrastructure that includes the retrieval and storage layers for content and metadata from available sources.

- The Metadata Processing Unit that integrates available services for the management and manipulation of metadata resources.

- The Access APIs that constitute a set of interfaces that will be made available for the delivery of resources and the creation of applications.

Discussion and interaction with invited stakeholders will focus on validating and expanding the specification of functional and non functional requirements of the Technical Space in order to fulfil the needs of a wide user base. We will address and collect feedback for the requirements on:

- Content; navigate, access, licensing.

- Metadata; models, serialisations, delivery protocols, cleaning and enrichment services.

- Datasets; management, analytics, indexing, transformations.

- Aggregations; combining your data with Europeana & DPLA, interfaces with open media repositories, preservation and sustainability.

- Semantic web technologies; linked data repository, reasoning, query answering.

- APIs; authentication, content, metadata, services.

- Interoperability; development approaches, polyglot storage, processing engines, integration.

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