

Europeana Space 2nd International Conference

Technical Space: An interoperable
platform for creative reuse of
digital cultural heritage

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Technical Space

- Back-end for storing, indexing, retrieving content and metadata
- Front-end to create and manage collections
- Suite of services for metadata manipulation
- Set of APIs for accessing data and services
- Social dimensions

with.image.ntua.gr



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Technical Space

The screenshot shows the homepage of the Technical Space platform. At the top is a dark header bar with a stylized 'W' logo, followed by links for HOME, EXPLORE, ABOUT, WITH API, SIGN IN, and REGISTER. Below the header is a row of six large, light-colored buttons with icons and text: DISCOVER (magnifying glass), BUILD (plus sign), CREATE (square), ANNOTATE (speech bubble), AGGREGATE (square), and PARTICIPATE (refresh/circular arrow). The main content area features a large image of a person in a spacesuit floating in space, with the text 'E|SPACE' overlaid. To the right of this image is a 'FEATURED SPACE' section titled 'E|SPACE: build your own space' with a subtext 'Spaces of possibility for the creative re-use of digital cultural content.' and a 'VIEW SPACE >' button.



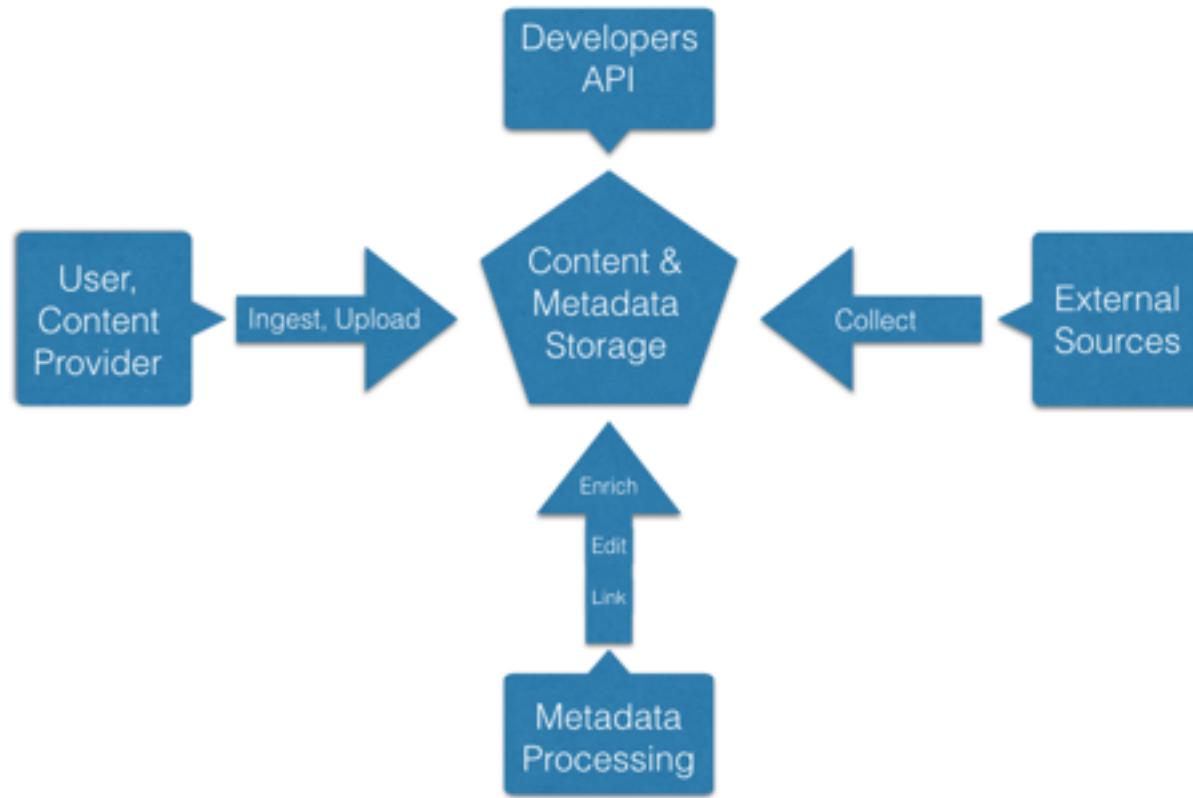
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Workflows

- Create and manage a collection
- Publish content and metadata
- Develop using the back-end and APIs
- Set up and manage a user group
- Prepare and support a hackathon



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Create & manage a collection

- Search
- Collect
- Edit
- Share
- Exhibitions



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Create & manage a collection

dancing

Europeana x DPLA x DigitalNZ x Rijksmuseum x WITHin x The British Library x

Filter

EUROPEANA	DPLA	DIGITALNZ	WITHIN
negative	Dancing	Dancing	Marae dancing - aitu c
Hedges - Pierre Droulers	Dancing	DANCES	Balinese Children Dan
Giorgio Rossi RAMI. COME QUANDO FUORI PIOVE	[Dancing.]	Dancers.	Φίλες με αδελφούς σι δίδασκάλων στη Λέσχ "dancing")
Nous étions timides.	Dancing	Dancers(?)	MILANO: nuovo origin
Un cas barré - 02		Dancers?	Korea - Traditional Da
Les Buveuses de café - 01		Dancers	
Un cas barré - 01		Dancers	Dancing



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Publish content & metadata

- Upload content (<http://space.image.ntua.gr/register>)
- Ingest metadata (mint-projects.image.ntua.gr/espace)
- Map (when & how), transform & edit metadata
- Export as collection
- Publish to Europeana



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Publish content & metadata

The screenshot shows a software application window titled "Mapping: TestMapping (EDM)". The interface includes a top navigation bar with tabs like "My workspace", "Dataset Options", "Mappings", "Mapping: TestMapping (EDM)", and "Navigator". Below the navigation is a toolbar with icons for "Preview", "Navigation", "Preferences", and "Help".

The main area displays a hierarchical mapping structure under "TestMapping (EDM)". On the left is a sidebar with a search bar and a tree view of metadata elements, including categories like "ImageMetadata", "Administrative", "Descriptive", "Retrieval", and "Subject".

The central panel lists several structural components:

- rdf:RDF**: A "structural" component.
- edm:ProvidedCHO**: A "structural" component.
- edm:WebResource**: A "structural" component.
- edm:Agent**: A "structural" component.
- edm:Place**: A "structural" component.

To the right of the mapping structure is a "Navigation" panel containing buttons for "ProvidedCHO", "WebResource", "Agent", "Place", "TimeSpan", "Concept", and "Aggregation".



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Build with the back-end & APIs

- API documentation
- API keys
- Data
- Services (WITH, MPU, TV Pilot)



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Build with the back-end & APIs

The screenshot shows the 'General search in external resources and the WITH database' section of the API reference. It includes a 'Parameters' table with 'body' (required) and 'Content type: application/json'. Below this is a 'Search parameters' section. To the right is a 'RESPONSE SAMPLE' code block:

```
query": "Felix",  
metaCount": 2,  
metaIndex": 0,  
metaTotal": 2,  
items": [  
  {  
    "id": "Felix",  
    "thumb": "  
      Felix",  
    "title": "Felix",  
    "description": "Felix",  
    "category": "Felix",  
    "year": 1,  
    "label": "  
      Felix",  
    "dataProvider": "Felix",  
    "url": "  
      Felix",  
    "original": "  
      Felix",  
    "dimensions": "  
      Felix",  
    "fullResolution": "  
      Felix",  
    "compliance": "  
      Felix",  
    "rights": "  
      Felix",  
    "externalId": "Felix",  
    "resources": "  
      Felix",  
    "trans": [  
      {  
        "name": "Felix",  
        "id": 0,  
        "label": "  
          Felix",  
        "value": "Felix",  
        "resource": 0  
      }  
    ]  
  }  
]
```



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Create and manage a group

- User groups
- Spaces and customisation
- User pages



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Create and manage a group

The screenshot shows the E|SPACE website. At the top, there is a navigation bar with links for HOME, CONTENT PROVIDERS, ABOUT, WITH LOGIN, and a search icon. The main header features the text "BUILD YOUR OWN SPACE" and a subtext "Spaces of possibility for the creative re-use of digital cultural content". Below this is a large image of an astronaut's gloved hand holding a circular object with the "E|SPACE" logo on it. A "EXPLORE" button is visible in the upper left corner of the image area.

FEATURED EXHIBITION

The screenshot shows the E|Space Conference website. It features a "FEATURED EXHIBITION" section titled "EXHIBITION MAN ON THE MOON". To the right of the title is a thumbnail image showing a flag and two figures on the moon. Below the exhibition title is the "E|SPACE" logo. To the right of the exhibition image are logos for the European Commission and the CIP competitiveness and innovation framework programme. The text "EISpace Conference Tallinn, December 2015" is displayed prominently.

Prepare & support hackathons

- Create event's space
- Add collections
- Invite users
- Set up access scenarios
- Inform developers



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Ongoing and future steps

- New UI design
- From Items to Resources
- Content analysis
- Annotations
- Access scenarios
- APIs



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Thank you

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