



Using eArchiving in the Engineering and Sciences Library

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The goals

Airbus

Preserve information in the long-term

- Certification Quality Documents
- Engineering Technical Documents
- Drawings
- 3D models (in the future)

Evolve current Archiving tools to standards

Gain internal knowledge about eArchiving

Central Library Slovak Academy of Sciences

Preserve information in the long-term

- Digitalized books
- Research documents

Begin to use preservation tools

Gain internal knowledge about eArchiving

eArchiving Approach

Airbus

Use of CITS ERMS to preserve metadata

Use of SIP, AIP and DIP format

Development of tools to automate the process

Support for Submission Information Agreements for data producers

```
<ns:erms xmlns:ns="https://DILCIS.eu/XML/ERMS" xmlns:xsi="http://www.w3.
<ns:control>
  <ns:identification identificationType="Record number">fd5cebc0-8
  <ns:maintenanceInformation>
    <ns:maintenanceStatus value="created"/>
    <ns:maintenanceAgency>
      <ns:agencyName>Airbus Defense and Space</ns:agencyName>
    </ns:maintenanceAgency>
    <ns:maintenanceHistory>
      <ns:maintenanceEvent>
        <ns:eventType value="created"/>
        <ns:eventDateTime><ns:eventDateTime>
        <ns:agent agentType="creator">
          <ns:name>Airbus DS. Engineering</ns:name>
        </ns:agent>
      </ns:maintenanceEvent>
    </ns:maintenanceHistory>
  </ns:maintenanceInformation>
</ns:control>
<ns:records>
  <ns:record systemIdentifier="" recordType="Certification of Qual
  <ns:objectId>c0cbe5e7-1609-4ff4-8617-90f4c64de41d</ns:object
  <ns:extraId extraIdType="issue">iid1101</ns:extraId>
  <ns:classification classificationCode="Certification of Qual
  <ns:status value="closed"/>
  <ns:restriction restrictionType="other_type" otherRestrictio
    <ns:regulation>Regulation text</ns:regulation>
  </ns:restriction>
  <ns:agents>
    <ns:agent agentType="other_signatory">
      <ns:name>xxxx</ns:name>
      <ns:organisation>xxx</ns:organisation>
      <ns:role>DAE -Designated Airworthiness Engineer</ns:
    </ns:agent>
```

eArchiving Approach

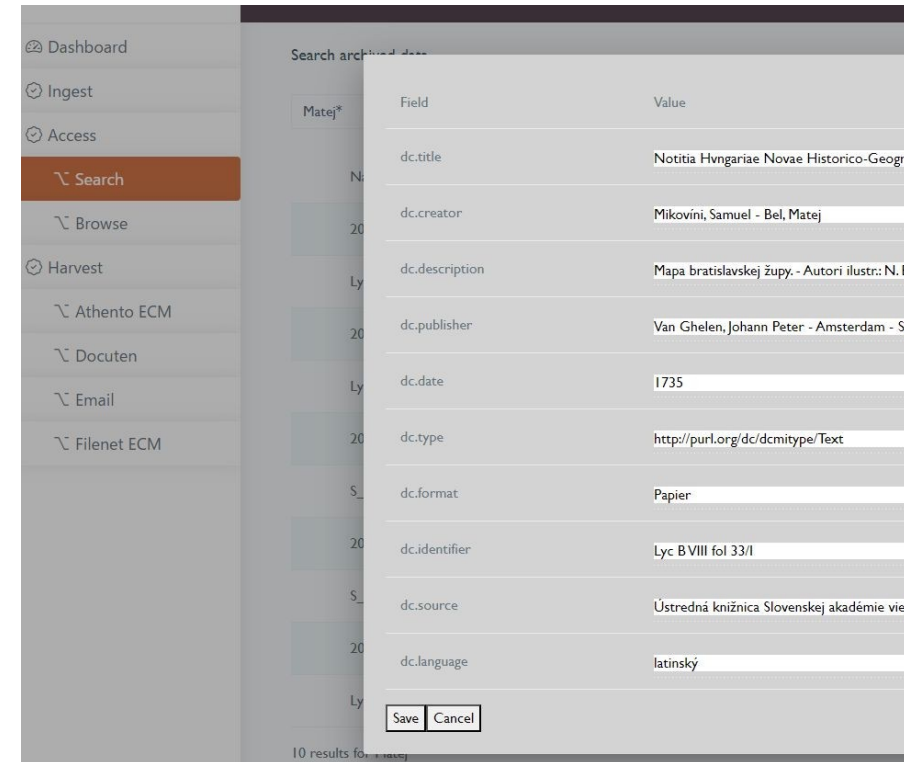
UKSAV

Use of Dublin Core to preserve metadata

Use of SIP, AIP and DIP format

Full OAIS workflow

Access Interface



The screenshot shows a search interface with a sidebar on the left containing navigation options: Dashboard, Ingest, Access, Search (highlighted), Browse, Harvest, Athento ECM, Docuten, Email, and Filenet ECM. The main area displays a search result for 'Matej*'. A table shows the following metadata:

Field	Value
dc.title	Notitia Hvngariae Novae Historico-Geogra
dc.creator	Mikovini, Samuel - Bel, Matej
dc.description	Mapa bratislavskej župy. - Autori ilustr.: N. B
dc.publisher	Van Ghelen, Johann Peter - Amsterdam - St
dc.date	1735
dc.type	http://purl.org/dc/dcmitype/Text
dc.format	Papier
dc.identifier	Lyc B VIII fol 33/1
dc.source	Ústredná knižnica Slovenskej akadémie vied
dc.language	latinský

At the bottom of the table, there are 'Save' and 'Cancel' buttons. Below the table, it says '10 results for Matej*'. The search bar at the top contains 'Matej*'.

What we have provided

Full automated OAIS workflow with [nageruHive](#)

Conformant to eArchiving

Harvesting of data from sources

Metadata loading from xml, csv and other formats

Adaptable metadata schemas including CITS ERMS, CITS SIARD and others

Metadata transformation

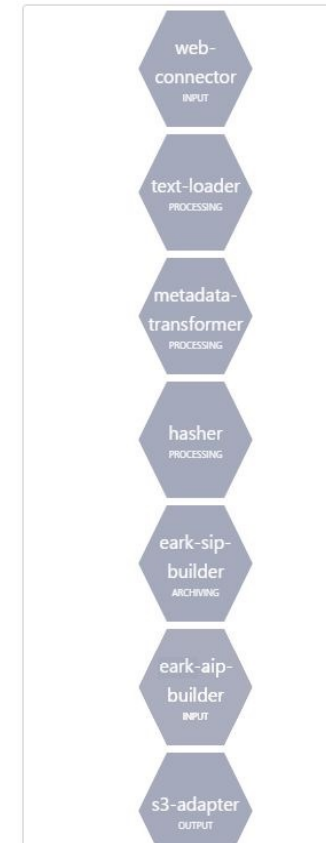
Integration with preservation tools in use

General purpose services platform for data management, archiving and preservation

On-premise and cloud

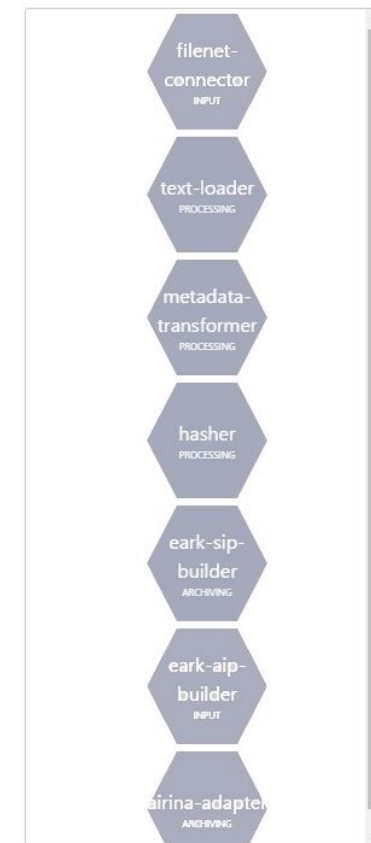
Flow Edition: savba-flow

Dataset Type: SAVBA-Books



Flow Edition: airbus-cq-flow

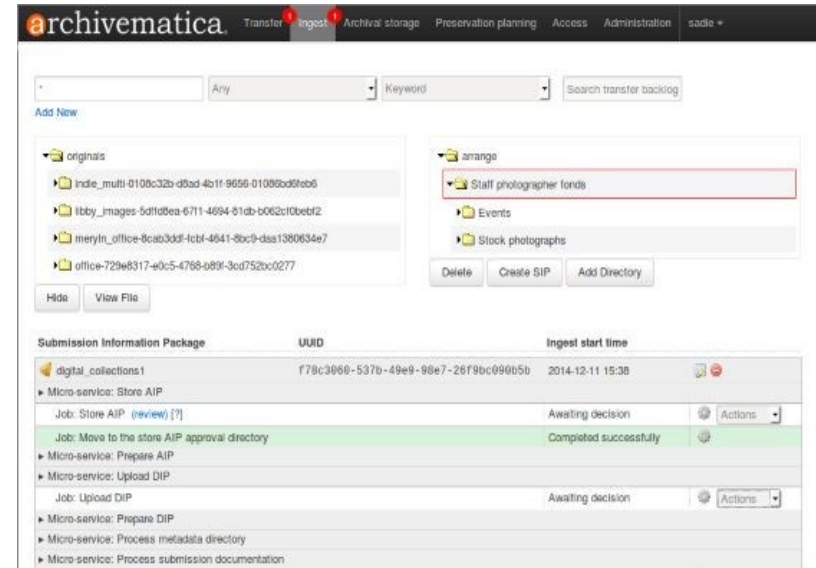
Dataset Type: AirbusCQ



What we have provided

Full eArchiving conformant workflow with Archivematica
Open-source Enduro flows implemented

- sip-to-eark-aip
- sip-to-am-transfer
- eark-aip-to-dip



The screenshot displays the Archivematica web interface. At the top, there is a navigation bar with tabs for Transfer, Ingest, Archival storage, Preservation planning, Access, Administration, and a user profile. Below the navigation bar, there is a search bar with a dropdown menu set to 'Any' and a 'Search transfer backlog' button. The main content area is divided into two panels. The left panel shows a tree view of folders under 'originais', including 'indie_multi-0106c32b-d8ad-4b1f-9656-01006bd0feb6', 'libby_images-5df105ea-6711-4694-81db-b062c10bebf2', 'meryl_n_office-8cab3dd1-fcbl-4641-8bc9-daa1380634e7', and 'office-729e8317-40c5-4766-089f-3cd752bc0277'. The right panel shows a tree view of folders under 'arrange', including 'Staff photographer fonds', 'Events', and 'Stock photographs'. Below the tree views, there are buttons for 'Delete', 'Create SIP', and 'Add Directory'. The bottom section of the interface shows a table of submission information packages. The table has columns for 'Submission Information Package', 'UUID', and 'Ingest start time'. The first row shows a package named 'digital_collections1' with UUID 'f78c3066-537b-49e9-90e7-26f9bc09005b' and an ingest start time of '2014-12-11 15:38'. Below the table, there is a list of workflow steps for the package. The steps are: 'Micro-service: Store AIP', 'Job: Store AIP (review) [?]', 'Job: Move to the store AIP approval directory', 'Micro-service: Prepare AIP', 'Micro-service: Upload DIP', 'Job: Upload DIP', 'Micro-service: Prepare DIP', 'Micro-service: Process metadata directory', and 'Micro-service: Process submission documentation'. The 'Job: Move to the store AIP approval directory' step is highlighted in green and shows a status of 'Completed successfully'. The 'Job: Store AIP (review) [?]' and 'Job: Upload DIP' steps show a status of 'Awaiting decision'.

Submission Information Package	UUID	Ingest start time
digital_collections1	f78c3066-537b-49e9-90e7-26f9bc09005b	2014-12-11 15:38

Step	Status
Micro-service: Store AIP	
Job: Store AIP (review) [?]	Awaiting decision
Job: Move to the store AIP approval directory	Completed successfully
Micro-service: Prepare AIP	
Micro-service: Upload DIP	
Job: Upload DIP	Awaiting decision
Micro-service: Prepare DIP	
Micro-service: Process metadata directory	
Micro-service: Process submission documentation	

A group of automated eArchiving services for all purposes

Thank you

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Consultant