Curation in the pre-ingest phase @ Meertens Institute

now & near future

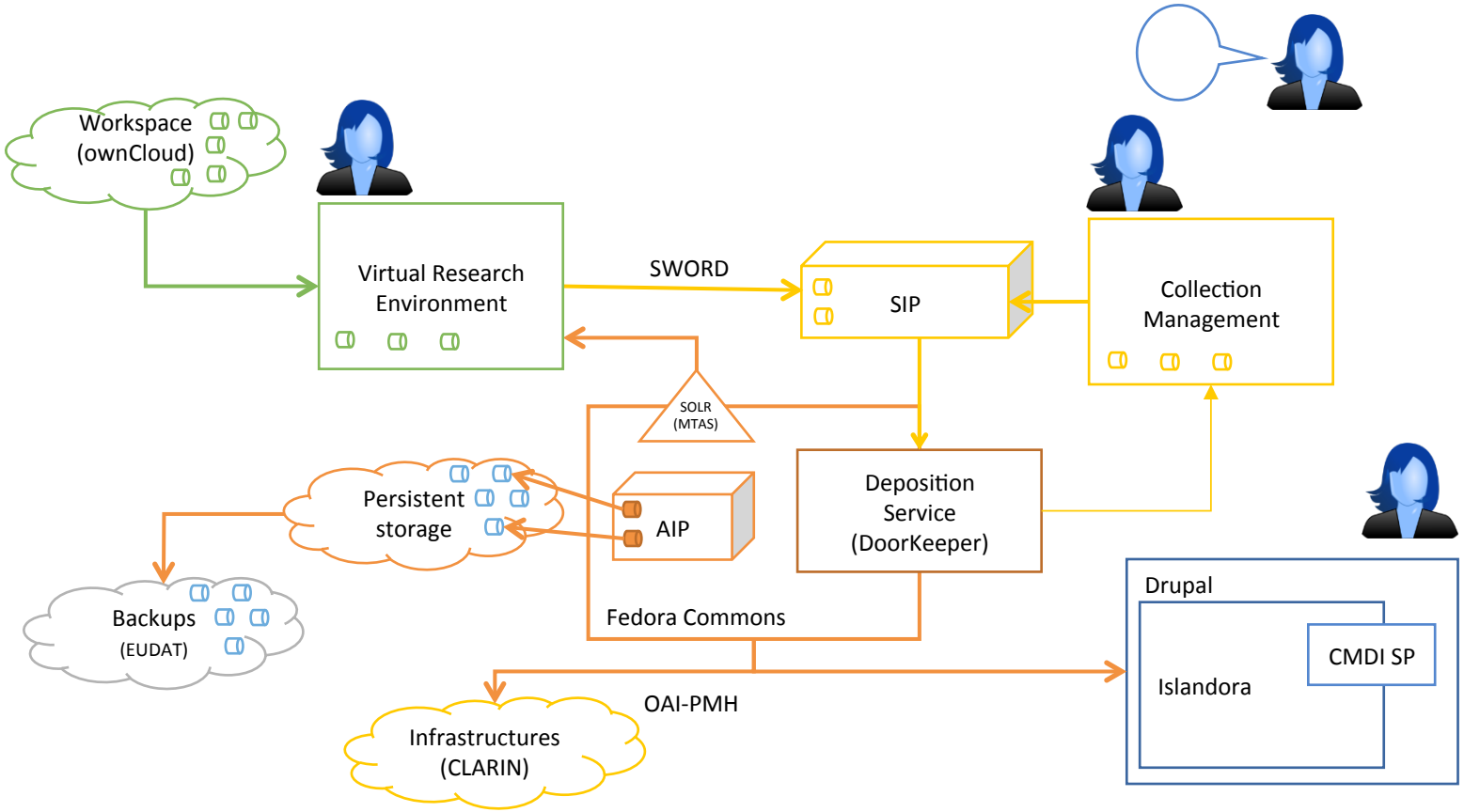
Menzo Windhouwer

menzo.windhouwer@meertens.knaw.nl

Meertens Instituut, TLA

Technische Ontwikkeling

(New) Workflow at the Meertens Institute



Pre-ingest phase at the Meertens Institute

1. Do the resources fit in the collection profile?
   a. Match MI mission statement (Dutch language and culture) or a researcher
   b. How unique are the resources? Do we have this (type) already?
2. Check the completeness of the metadata
3. Check the resources
   a. …

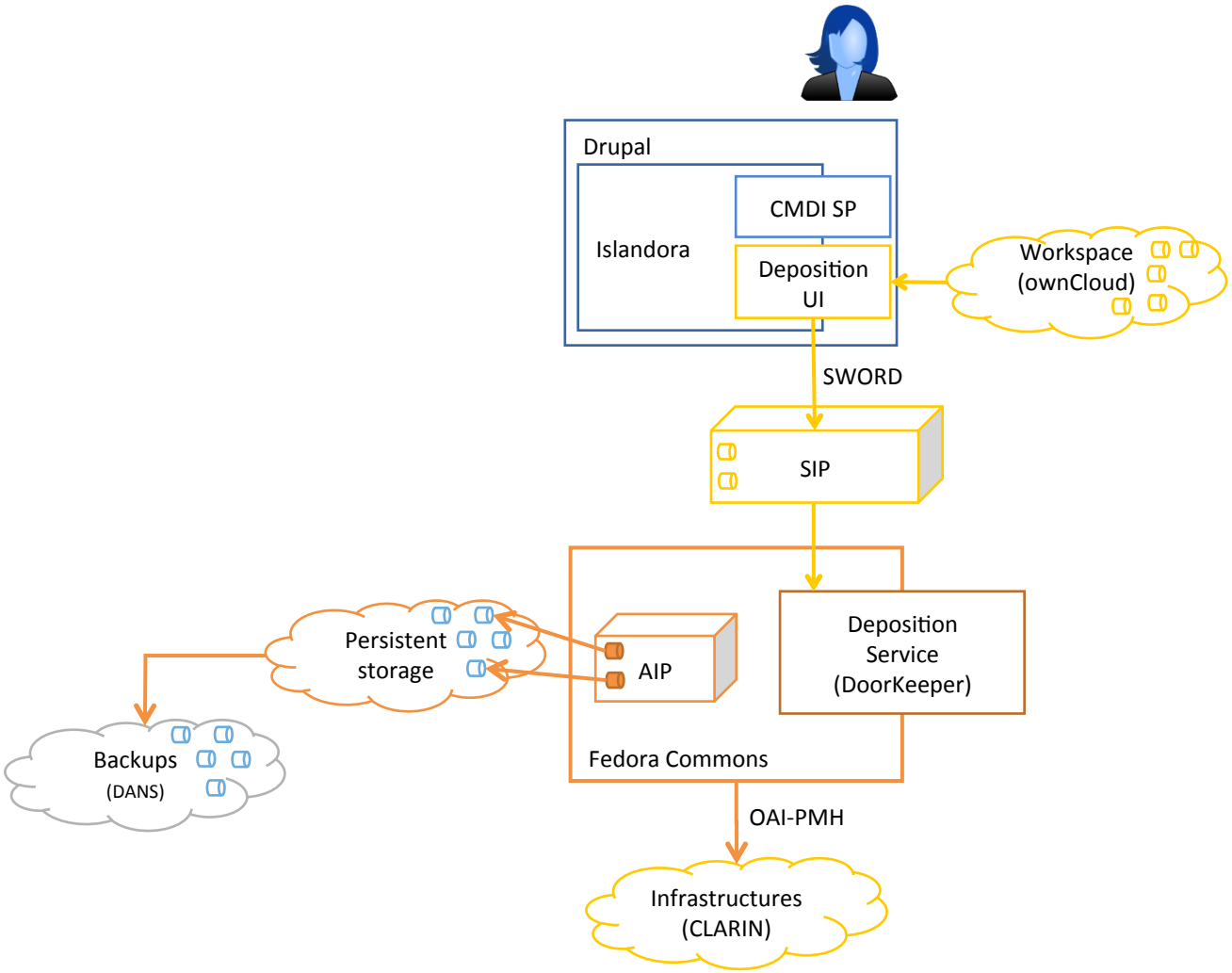
Pre-ingest phase at the Meertens Institute

3. Check the resources
    a. Preferred formats
        1. No, **curation** by the depositor or, if needed, the MI
    b. Size
    c. Rights
        1. Does the depositor own the rights?
        2. Are there legal restrictions?
            - IPR
            - Personal data
    d. License
        1. Donation (= MI becomes owner) or deposit?
            - An external depositor always needs to sign a donation or license-agreement
        2. The use of CC-0 is actively encouraged

Data curation

- New data
  - Staring point: depositor provides the resources in a preferred format
    - If needed conversion support
    - Completeness checks together with the depositor
  - Exceptions: unique data in a unique format
- Digitalisation of, especially, audio
  - Audio studios with extensive expertise and possibilities of recording older media
- (VRE) Projects together with MI Technische Ontwikkeling
  - Scripted conversions, checks and bulk import
  - Connection between the VRE and the repository
- Migration to a new repository (TLA/FLAT)
  - In pre-ingest phase curation of the legacy, with special attention for licenses and metad (CMDI)

(New) Workflow at the MPI/TLA



Technical support in the pre-ingest phase

- LAMUS/DoorKeeper (tools which support the depositor/manager)
  - Validate the metadata
    - Technical correct?
    - Quality score
      - Scoring tool/library developed by the CLARIN Metadata Curation TF
      - Not conclusive, but a low score hints at a problem
  - Check the formats of resources:
    - Do they have the type/format they claim?
    - Are they valid instances of this format?
  - Reject/flag resources in a unpreferred format
    - **Curation** is needed
- Connections to VREs (MI)
  - Will deliver known formats and partially checked metadata
  - Still interaction between depositor and collection management is needed, e.g., to check a match the collection profile

DoorKeeper

- Java CLI/Servlet/library which executes a sequence of actions on a SIP
  - Action fails? pre-ingest is cancelled (or a partial ingest is rolled back)
    - Run a subsequence, e.g., the pre-ingest checks
  - Dedicated user and developer logs
- Actions can be generic (XSD validation, Schematron, FITS, derivatives, …)
  - Share code ☺
- But also specific (institute specific policies, repository interaction, …)
  - Actions are dynamically loaded, e.g., from an institute specific JAR
- https://github.com/TLA-FLAT/DoorKeeper
- Beta release, 1.0 with the upcoming FLAT release