ÖAW AUSTRIAN ACADEMY OF SCIENCES

Archiving with Quality - Implementing a Certified Digital Archive

#acdhARCHE

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dha Innsbruck – 05.12.2017

ARCHE

- ARCHE = A Resource Centre for the HumanitiEs
- An archive for the humanities
- Implements the OAIS Reference Model for an Open Archival Information System
- arche.acdh.oeaw.ac.at

History

- ARCHE supersedes CLARIN Centre Vienna / Language Resources Portal (https://clarin.oeaw.ac.at)
- It focused on digital language resources
- It was active from 2014-2017
- Data from LRP was migrated to ARCHE
- ARCHE is designed for a broader spectrum of data from all humanities fields

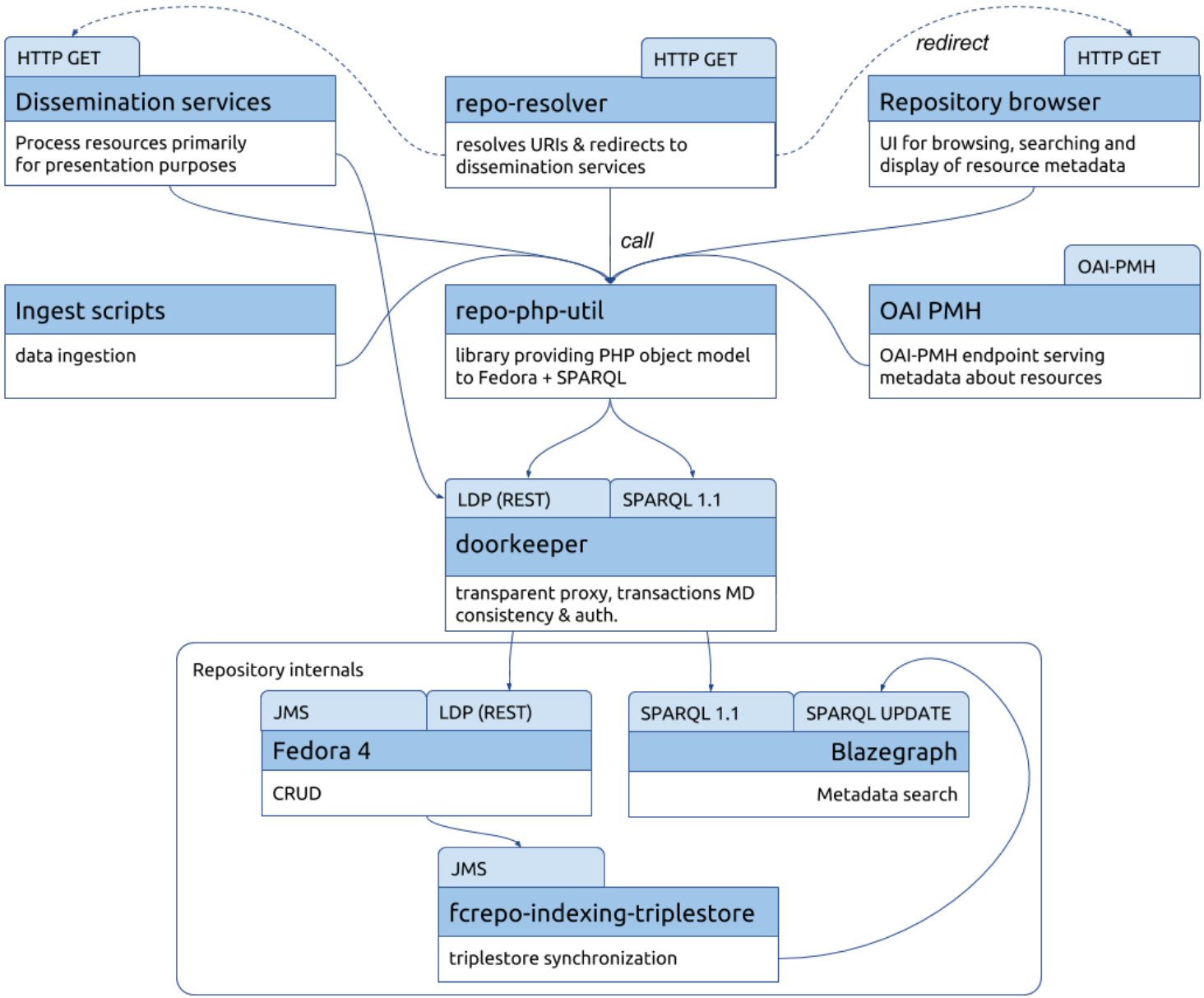
CERTIFICATION

- ARCHE is intended to become a certified trustworthy archiving system complying with the requirements of the Data Seal of Approval (DSA), now becoming the Core Trust Seal (CTS), and CLARIN Centre B.
- This demands for
  - a solid technical basis for storing and preserving
  - a metadata schema for discovery and dissemination
  - a user interface for search and reuse
  - policies and documentation for transparency
- Submitted in October 2017

TECHNICAL BASIS

- Uses Fedora Commons, version 4
- Blazegraph as external triplestore metadata storage
- Custom PHP components:
  - repo-php-util
  - doorkeeper
  - OAI-PMH endpoint
  - Browser based on Drupal
  - Data type specific dissemination services
- Drupal for Browsing with custom dissemination services
- On GitHub: acdh-oeaw

System Architecture



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  - We created a mess

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  - Analyse already submitted metadata
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  - Map to other schemas
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  - Very generic
  - Detailed metadata are attached as separate XML-records

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User Interface

- Live Demo!
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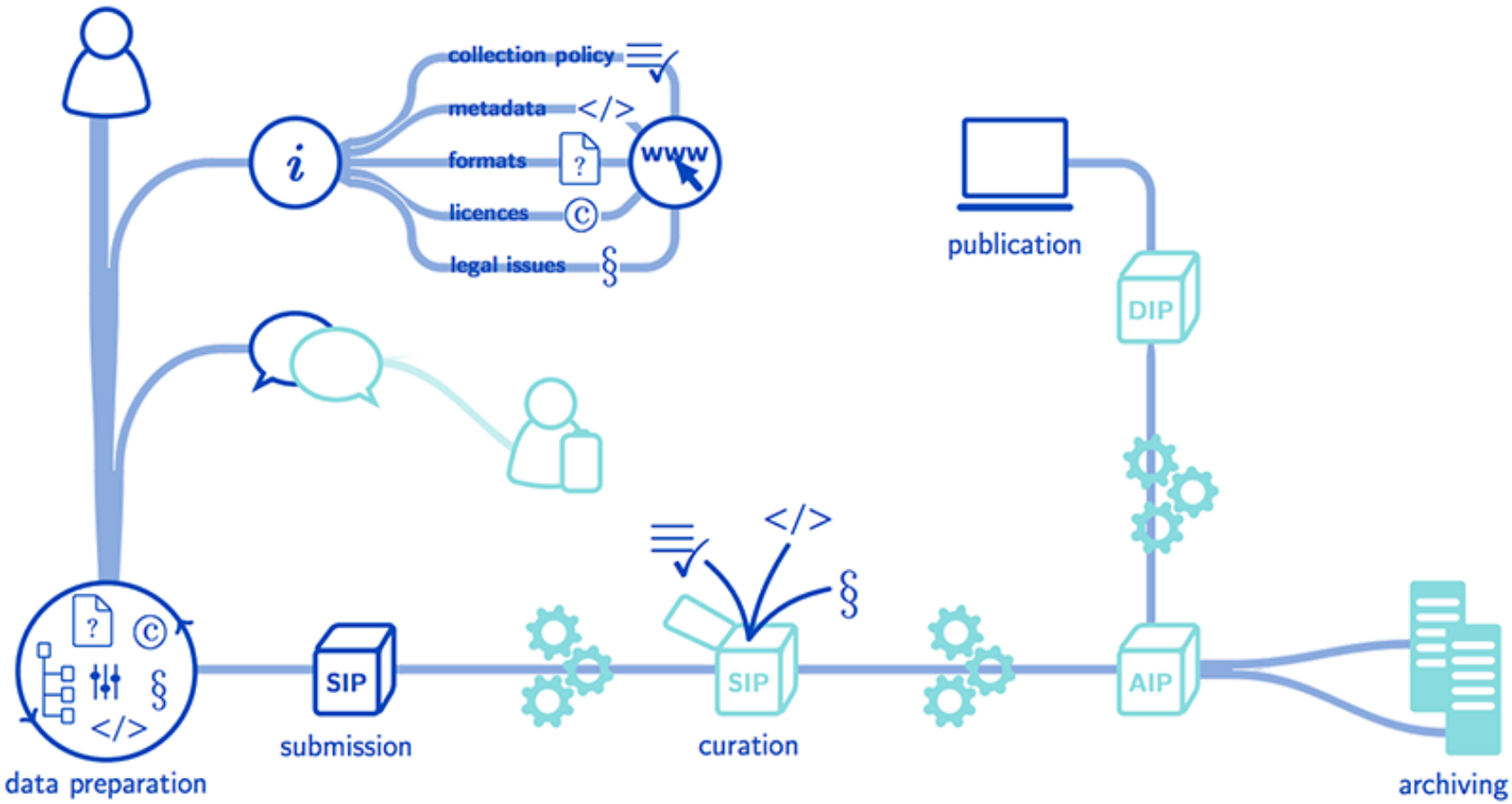
DEPOSITION PROCESS



Next Steps

- Preservation Policy
- Consolidate curation workflow
- Automate curation workflow
- Language switch
- Further dissemination services
- Further improvements in user interface

More

- arche.acdh.oeaw.ac.at
- www.oeaw.ac.at/acdh
- Twitter: #acdhARCHE and @ACDH_OeAW
- YouTube: ACDH_OeAW
- We have a video!
  www.youtube.com/watch?v=mmRfc7fNNSA