Lightning Talk: The Language Archive: migrating to an easier, sustainable open-source solution.

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Presenter 1 Title
Archive Manager

Session Type
10-minute lightning talk

Abstract
The Language Archive at the Max Planck Institute Nijmegen (https://archive.mpi.nl) is an extensive online repository of language resources. The archive was developed using in-house solutions, including metadata creation tools, depositing tools and an archive-browser. Development had been going on for more than 15 years, but was difficult and expensive to maintain. Additionally, some of these tools had were fairly complex to use, not meeting current user needs. Therefore, the choice was made to migrate to a more sustainable open-source solution, easier to use, maintain and to develop upon.

This presentation will provide insight in choosing a new repository solution, configuring it as a basis, migrating the current archive to the new system and preparing everything for our users to easily ingest language data. Lastly, issues and the current state of affairs will be highlighted.

Location
KIPJ Theatre

Keywords
Language archive, preservation, linguistics, migration, Fedora commons, Islandora, data ingest

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Why migrate?
Requirements

- Fast browsing & searching
- Easy visualisation of media
- Easy deposit interface
- Define various access levels
- Open source, well maintained
- Written in known program languages
**fedora**
- Flexible data model
- Not a turn-key solution
- Very usable 'out of the box' with Islandora

**DISPACE**
- Turn-key repository
- Less flexible data model
- Front-end modification limited

**Islandora**
- Modular setup
- PHP
- Deposit not that suited for our needs

**hydra**
- Easy self-deposit solutions
- Ruby on Rails
- Not exactly 'out of the box' deployment
Requirements

- Fast browsing and searching
- Easy visualisation of media
- Define various access levels
- Open source, well maintained
- Written in known program languages
  - Easy deposit interface
Conclusion

1. Solid and flexible archive
2. Archive development is easier
3. Community support and knowledge
4. Archiving linguistic data is easy!