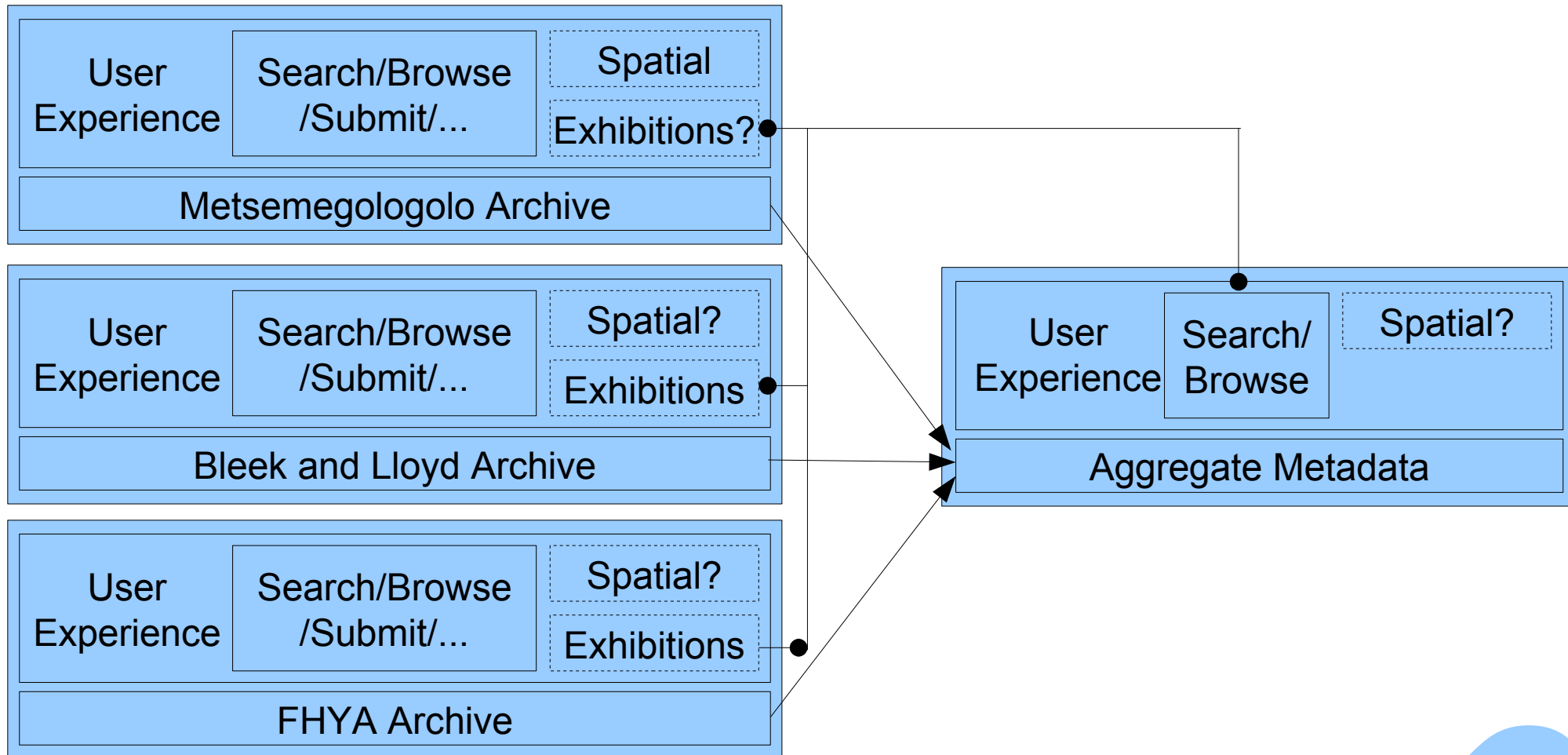


A Proposal for Systems (What Would Hussein Do - Revisited)

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9 October 2019*



A Proposed Architecture





High-Level Goals

□ High Priority

- Build individual archives
- Focus on Content
- Focus on Preservation

□ Medium Priority

- Build User engagement platforms
- Build a central portal





Bleek and Lloyd Platform Plan

- 2019/2020:
 - Migrate to the XYZ low resource archive platform
 - To gain benefits of user comments, lists, etc.
 - Share metadata using OAI-PMH
- 2020+:
 - Spin off projects to build interesting services





FHYA Platform Plan

□ 2019:

- Use the XYZ low resource archive platform
- Keep an AtoM instance as an alternative interface to the data
- Share metadata using OAI-PMH

□ 2020+:

- Spin off projects to build interesting services





Metsemegologolo Platform Plan

□ 2019/2020:

- Develop a low-resource archive
 - ~~If funder insists on AtoM, keep an AtoM instance as an alternative interface to the data~~
- ~~Option 2: Develop an AtoM archive~~
 - ~~But also dump data in offline version to ensure content can be rescued~~
- Share metadata using OAI-PMH
- Develop a user engagement GIS layer over the archive





Planning for All

□ Metadata

- First develop individual formats
 - Or adopt suitable standards
- Then compare notes and agree on some common fields and interpretations
 - To support higher-up user engagement
- Do not try to develop a single common format
 - Maybe a common subset format





Planning for All

- Engage with libraries for long-term archiving
 - Start a discussion about dark archiving

- Apply for Funding!
 - Ongoing hardware/software maintenance
 - New features
 - Content management/curation





Central Portal

- A showcase for the collaboration
- Portal must:
 - Harvest metadata from all sites periodically
 - Provide interface for users to search/browse and link back to source archive
- [Maybe a 2020 UCT CS Honours project]



that's all folks!

