

Post-cancellation e-Content Access via NESLi2 (PeCAN)

Recap and Information Architecture

Peter Burnhill and Adam Rusbridge

EDINA national data centre



- Re-thinking stewardship for scholarly works: the central task
- How to ensure that researchers, students & their teachers have continuity of access to the online scholarly resources they need
 - Researchers and students now have online access to journal articles
 - to read & download: Any-where, Any-time ...
- Essentials of supply chain have changed
 - Libraries no longer take custody of much key content
 - Some publishers have taken significant steps for post-cancellation access

- JISC has commissioned short scoping study
 - Focus on back copy, post-cancellation of the (current copy) licence
 - *Not substitute for digital preservation action to ensure that copy still exists*
 - Focus on content licensed under NESLi2
 - Engage with (sample of) libraries and publishers
 - to assess views & quality of subscription data
 - Propose actionable information architecture
 - for variety of post-cancellation services and trigger events
 - Deliver report and indicative demonstrator of system/service
 - As basis for pilot activity and roll out in 2010

- Clause 8.4 – embodying the principal of post cancellation access
 - After termination of this Agreement [...] the Publisher will provide [...] the Licensee [...] with access to and use of the full text of the Licensed Material which was published and paid for within the Subscription Period,
by
 - i) continuing online access on the Publisher's interface,
 - ii) a central archiving facility operated on behalf of the UK HE/FE community, or
 - or other archival facility
 - iii) supplying the Licensee with archival copies
- i.e. One or more mode of access to back copy should be offered for a given title

Information Architecture to Enact NESLi2 Clause 8.4

- Clarifying terms & providing mechanism / infrastructure
 - a) What arrangements (for what titles) already exist
 - b) How to determine what titles were “published and paid for”
 - c) How to determine what content is/was “within the Subscription Period”
 - Re-thinking a library’s ‘holdings statement’ for start/end of what is on their digital shelf
- Avoiding confusion and potential burden
 - for libraries (and their patrons)
 - for publishers
 - for archiving agencies
- Scoping what could usefully be done
 1. Establishing entitlement (via registry service)
 - So that a library has simplified/agreed statement of what is ‘the Licensed Material’
 2. Enabling access to back copy
 - So that a library (and end user) has agreed and assured means of access to ‘the Licensed Material’
 - Preferably, so that library patrons would have the same experience with ‘back copy’ as they do now

post-cancellation access requires shared knowledge of history

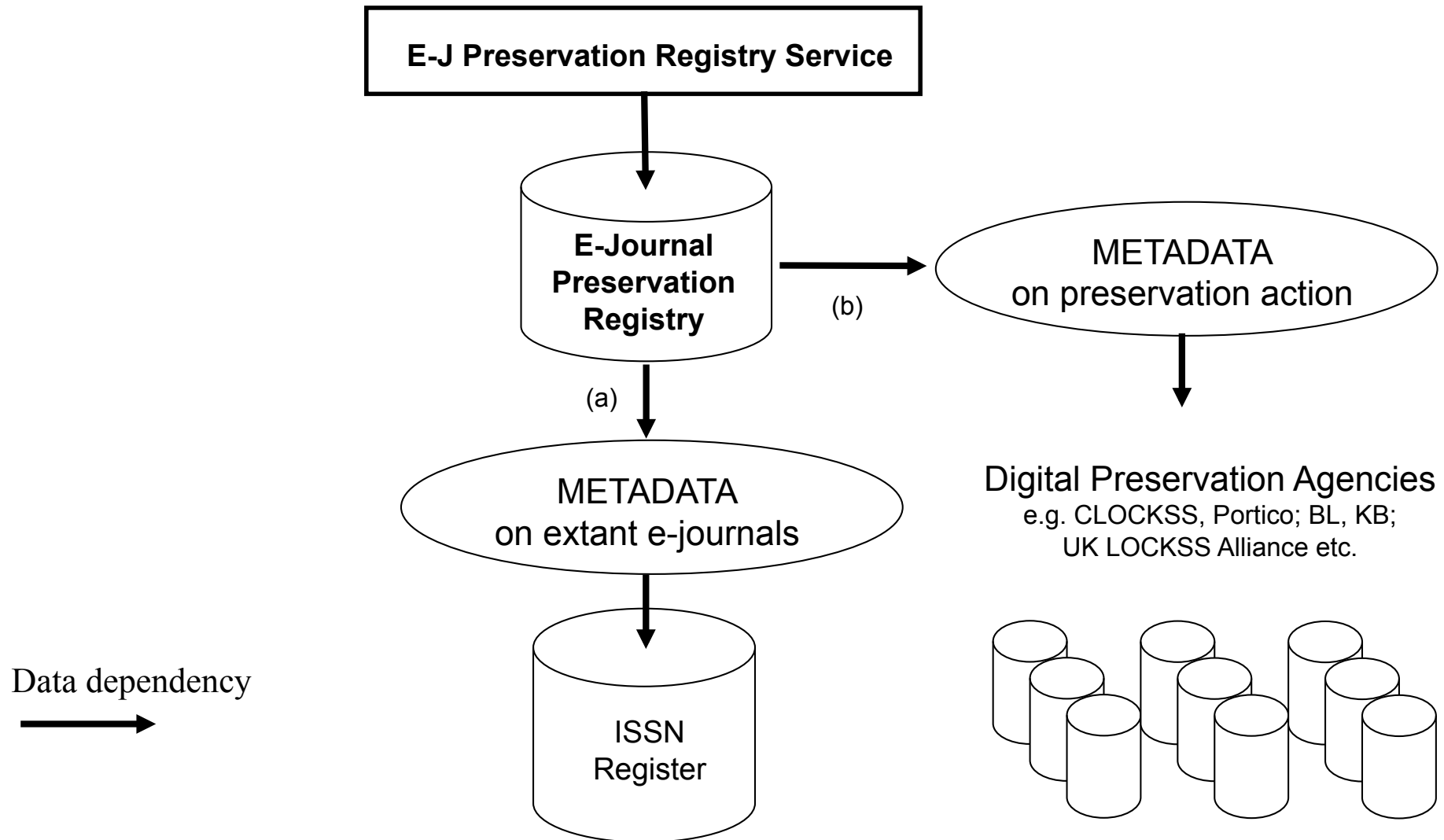
- Assertion 1: Most knowledgebases contain information on current status of authorisation:
history is being over-written
 - eg OpenURL resolvers, publishers' access control mechanisms etc
- Assertion 2: Multi-level problem
 - End users want convenient (and continuing) access to (past) articles
 - Libraries & their patrons therefore want (continuing) access to content of those journal titles
 - Titles are embedded in licences for collections of titles
 - Terms of licence vary across titles in a 'big deal', especially wrt period of entitlement.
 - Titles change hands between publishers and fall in and out of collection 'deals'
 - Publishers change, and publishers vary in IT capability
- Assertion 3: Risk of duplication of effort (without value of replication)
 - as libraries all try to ensure the same thing
 - may also be true for publishers
- Assertion 4: information on licensing should be held securely
 - made available only for purpose of enabling access on a user article-request basis, or librarian's need to know title-by-title
 - cf OpenURL resolvers

making arrangement to access back copy (given entitlement)

- Assertion 1: There should be one or more (assured) source of post-cancellation back copy:
 - i) the Publisher's interface,
 - ii) a central archiving facility operated on behalf of the UK HE/FE community, or other archival facility
 - iii) the Licensee's archival copy
- Assertion 2: a locate facility with 'actionable metadata' on source and supply of back copy, when requested by the end user ('appropriate copy')
 - Relying upon standard methods of authentication and authorisation
 - eg UK Access Management Federation
- Assertion 3: a central archiving facility on behalf of the UK HE/FE community would provide attested assurance in the UK across the full range of NESLi2 e-journal content
 - Gaining leverage from existing archiving arrangements
 - UK LOCKSS Alliance, Portico, CLOCKSS, KB etc
 - Gaining leverage from the JISC national data centres, EDINA & Mimas
- Assertion 4: Assurance is still needed that content exists, and will continue to exist
 - The digital preservation problem being addressed by various 'dark archive' agencies
 - Information about who is looking after what is being addressed by PEPRS

**Piloting an
E-journals
Preservation
Registry
Service**

Data Model for PEPRS as in Serials vol 22(1) March 2009



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- When giving presentations on PEPRS in UK, USA and China, have been asked whether PEPRS should be adapted as attention switches from preservation to post-cancellation access
 - But post-cancellation access is a national not an international responsibility
 - So that is for a national registry (PeCAN Project) with focus on the licence

System Architecture for Access to Back Copy, Post-cancellation

**Post-cancellation
e-Content
Access via
NESLi2**

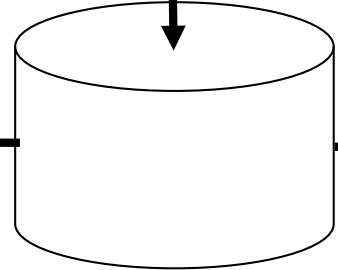


Data dependency
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Post-Cancellation Resolver

m2m (eg OpenURL)

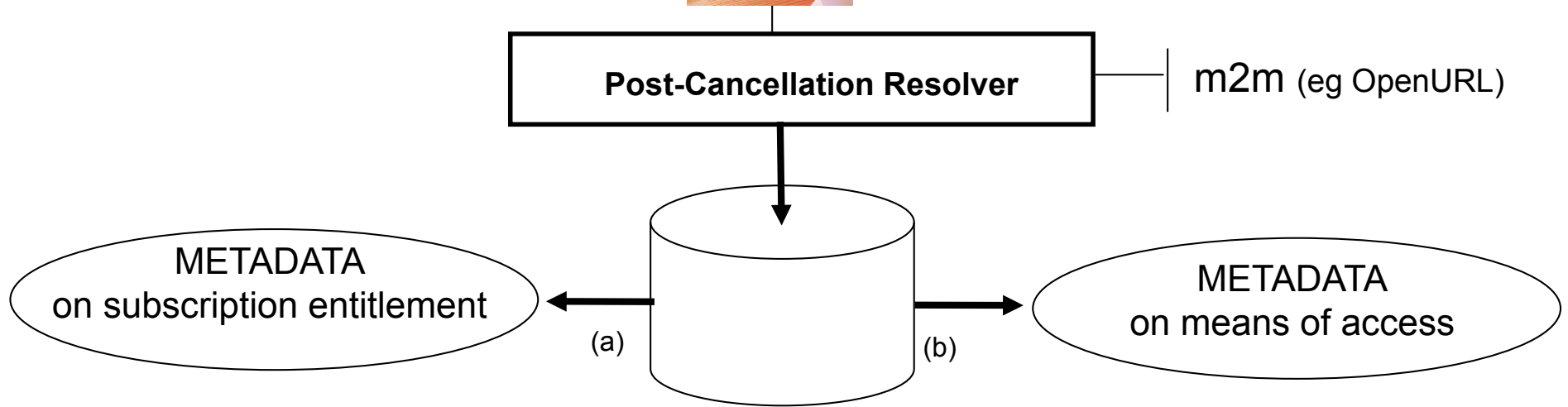
METADATA
on subscription entitlement



METADATA
on means of access

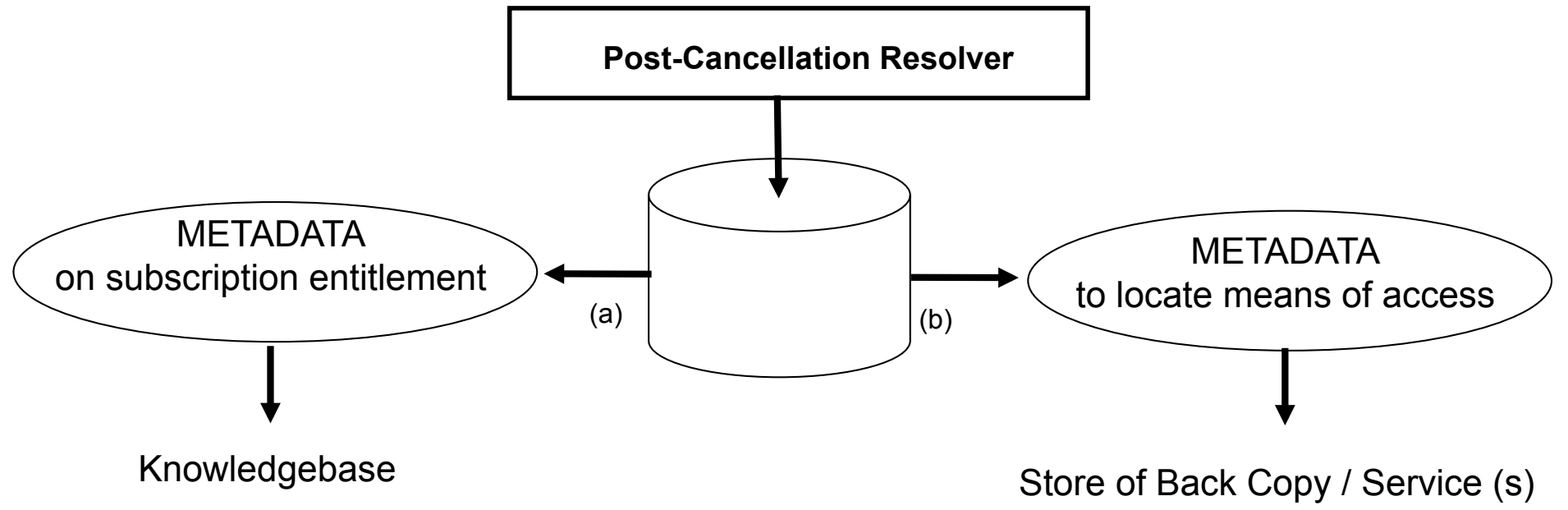
(a)

(b)



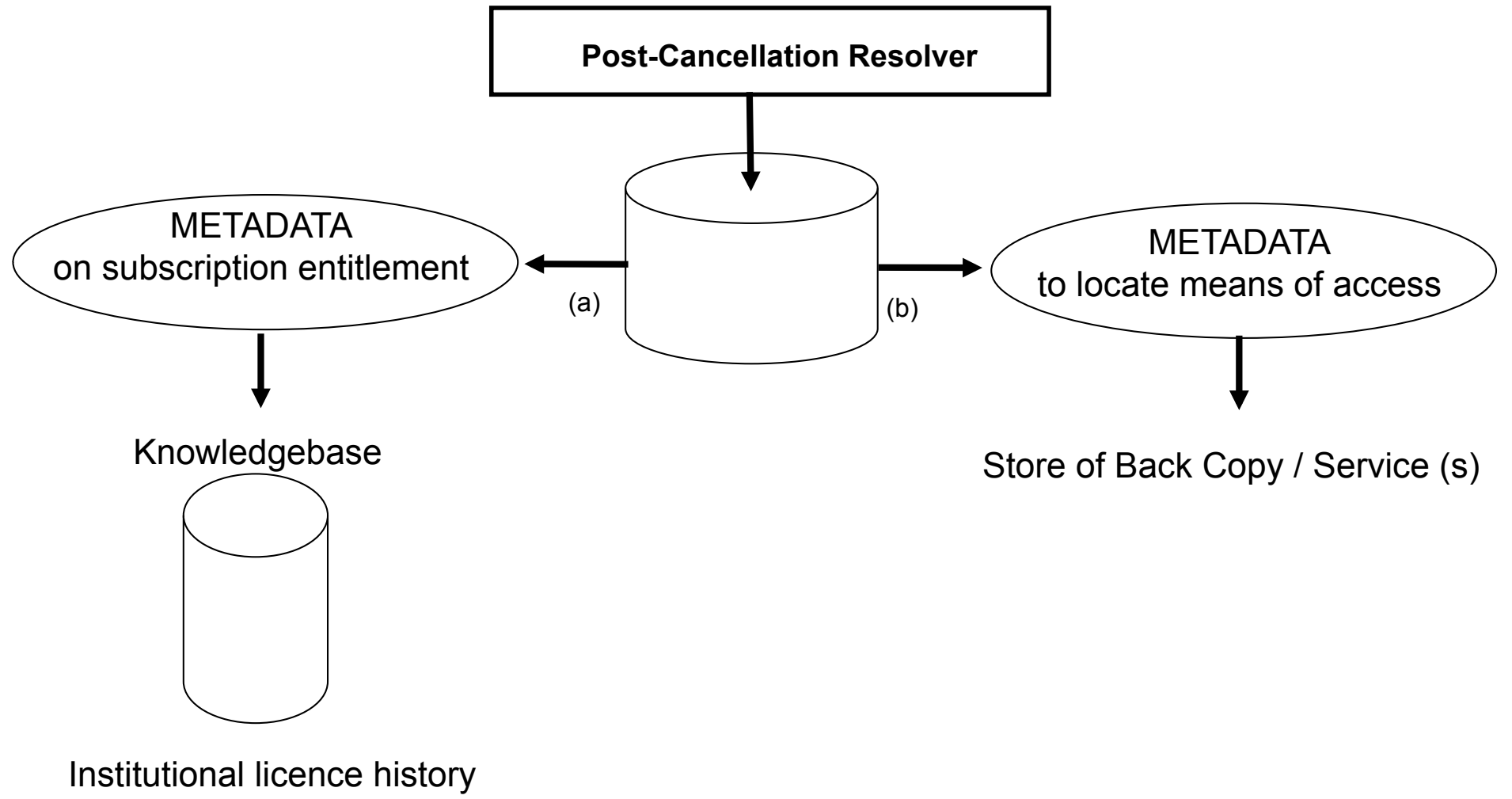
Post-cancellation
e-Content
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Data dependency ↓



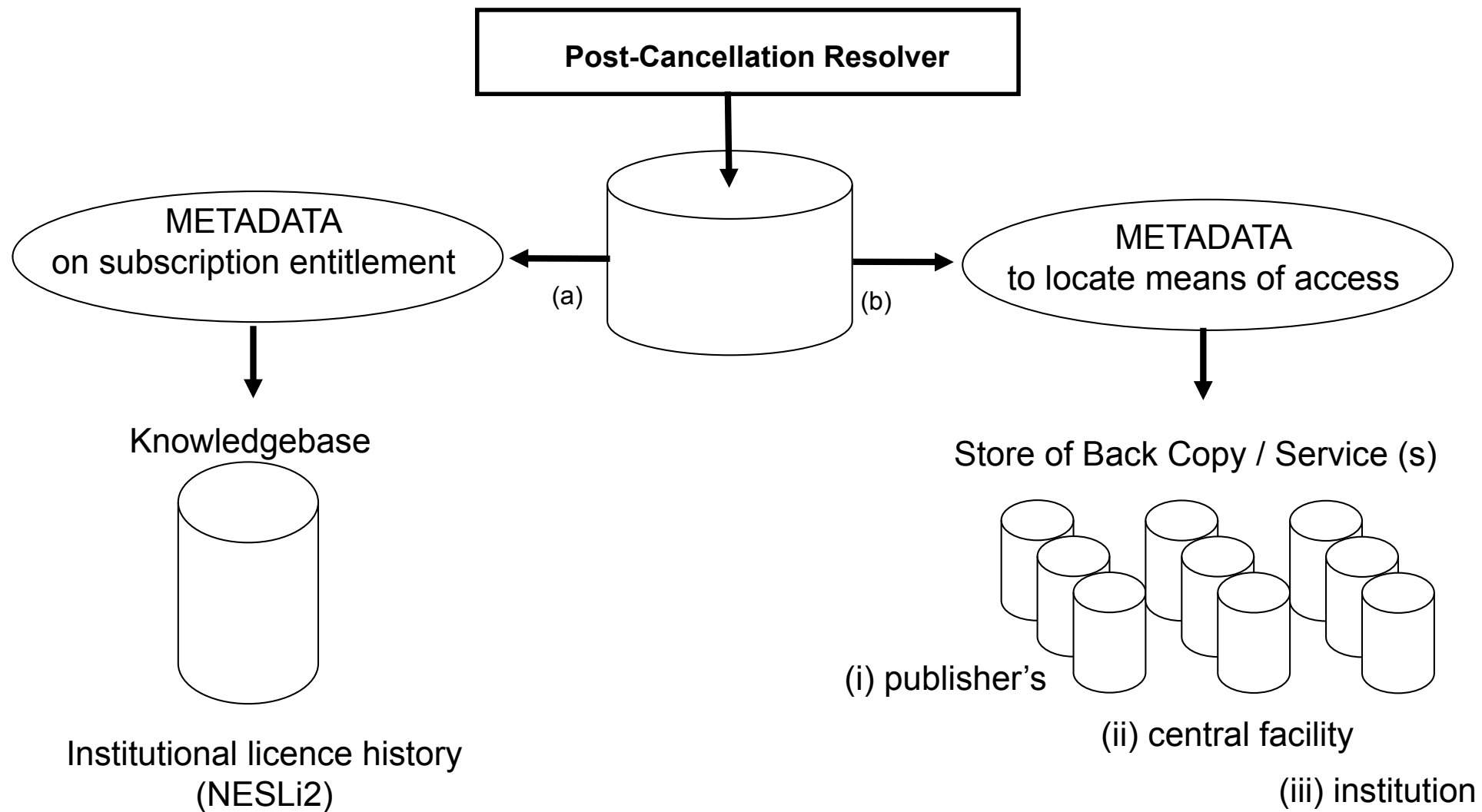
Post-cancellation
e-Content
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Data dependency ↓



Post-cancellation
e-Content
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Data dependency ↓



■ Field content still to be considered:

- Which institutions subscribe to which titles
 - List of institutions participating in NESLi2 agreements
 - List of publishers in NESLi2 agreements
- Titles list per publisher that shows individual institutions that have subscribed to/had access to, indicating archival rights per institution
- Periods of archival rights per institution

■ Use cases testing still to be devised:

- Enabling end users access (back) content using references to articles
- Providing Librarians with reliable information

Comment on the initial feedback from libraries

- The registry could potentially be of more interest than the archive
 - The registry would be very useful for reassurance of actual rights
- How does this affect LOCKSS and Portico? Creating and running an archive could be a massive project
 - Intend to gain leverage from what exists, including UK LOCKSS Alliance, Portico, CLOCKSS, etc
- Keeping the registry up to date would be a major task
 - Intend to use network interoperability (search/harvest)
- What would be the 'start' date of journal content?
 - A 'start-up' problem, but actual depends upon 'agreement' and 'pragmatics'
- Would the archive eventually include non-NESLi2 titles
 - Not presently in scope
- ERMs could help in provision of lists of eligible titles
 - This is one of a number of possible sources
- Potential problems with titles changes, transfers, mergers - true :)

Comment on the initial feedback from publishers

- Would the 'default' post termination access still be via publishers' sites?
 - A policy question: *if* there was metadata to say that the publisher site would provide access
- Would the archive be permanently 'open' or only a 'dark archive'?
 - ??
- What would be the format requirements for content and metadata?
 - To be determined, could be a role for Onix for Serials
- How would authentication be handled in the archive (ie access only by subscribers)?
 - UK Access Management Federation
- Could archive usage data be provided to publishers?
 - Should be possible
- What would be the 'start' date of journal content?
 - A 'start-up' problem, but actual depends upon 'agreement' and 'pragmatics'
- Complex to build and maintain
 - Intend to gain leverage from what exists, including UK LOCKSS Alliance, Portico, CLOCKSS, etc
- Movement of titles amongst publishers will be a challenge - true :)

- Now in second half in a four month scoping project, intending to cover:
 1. **Problem statement**, including definition of user/stakeholder requirements, with arrangements for governance and operation, as Report
 2. Outline of the **information architecture**, with (one or more) candidate technical implementation models to support discovery of entitlement to back copy and assured means of access, as Report and indicative demonstrator
 3. Web page, Report on Project (for end November)

Your feedback is very welcome, and in fact is essential

Thoughts on how to keep
entitlement data up-to-date

Data dependency
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