Third Global BHL Planning and Technical Meeting

Museum für Naturkunde Berlin
June 7th - 8th, 2012
Agenda

09:00a  Welcome and Introduction

Progress around the world updates

09:20a  Australia – Ely Wallis
09:40a  Brazil – Abel Packer
10:00a  Egypt – Noha Adly

10:40a  Europe – Henning Scholz
11:00a  US/UK – Martin Kalfatovic
## Agenda (cont.)

### Governance Topics

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>11:20a</td>
<td>Global BHL By-laws – N.Gwinn</td>
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### Technical Topics Discussion

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>01:00p</td>
<td>Synch, Replicate, Bkp, Redirect</td>
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<tr>
<td>03:20p</td>
<td>Consistency, Code Share, Shared Metadata</td>
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<td>05:00p</td>
<td>Adjourn for the day</td>
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<tr>
<td>07:00p</td>
<td>Dinner at Eschenbraeu</td>
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A brief history...
Wish you were here...
Global BHL Technical Meeting

Venue: Woods Hole, MA
Dates: 22 – 24 September 2010
Action Items 2010 – 2011

- Strategy for new areas (Russia, Africa)
- Get feedback on ratio of good names
- Review existing copyright
- Governance
  - Articulate principles and objectives
  - Branding
  - Sustainability plans
  - Press kit for communication
- Improve OCR with partners
Action Items 2010 – 2011 (cont)

- Improve OCR with partners
- Article-ization feature more visible
- Promote use of open URL Resolver
- Talk to CrossRef
- GRIB
- Synch Data
- Replicate Data
- Global Calendar
Second Global BHL Planning Meeting

Venue: Chicago, Illinois, USA
Dates: November 13th 2011
Action Items 2011 – 2012

- Quarterly Reports
- GBIF and IPBES
- gBHL-CC by-laws and Meeting
- Press release
- Website
- Copyright
Progress around the World
Progress around the World

Australia
Brazil
Egypt
Europe
US/UK
GLOBAL BHL is...

a cooperative network
of autonomous members
operating programs and projects
to make biodiversity literature available
through open access principles.
Third Global BHL Planning and Technical Meeting

TECHNICAL TOPICS
Synchronization

• Review and optimize the way that synchronization of books is currently done at different locations.

• Keep track of who has what. Periodically, make sure that all nodes have synchronized all the books they want to synchronize.

• Should all sites keep all files?

• How synchronized (monthly, weekly, daily) will different types of information be (e.g. content, copyrights info, metadata, pagination)?
Global Replication & Serving

Replicated Data Center

Portal Application

San Francisco

Woods Hole

London

Alexandria

Beijing
Global Replication

• How can a site know what book is on which sites?

• How can a site request a copy of a book from another site?

• Could sites implement a web service that provides a query and access to their content in a certain standard to check if a site has a book?
Backup

• How to use Internet synchronization for incremental backups.

• What is the order or precedence of nodes?

• Which site is to be considered the master?

• Who should take from which site?

• Should there be any preference to select the sites?

• Should site x check site y first then site z?
Redirection

• Can we implement redirection to another node that holds the book based on different things like geolocation, current availability or current load?

• Could each node keep an index of what each other node has?

• We should also discuss possible changes in the 404 mechanism for BHL-US, in case it may need some tweaking.
Consistency

- Maintaining the consistency of files (comparing against md5s periodically)

- Have some partners have errors when copying files from disks / cluster / IA?

- What procedure should be followed when a consistency error is found?
Code Share

• How to share and benefit from local developments. For example, the User Interface and Annotations from BHL-Australia and BHL-US, the Search functionality from BHL-Europe, the OCR functionality at BHL-Egypt, the Common names functionality from BHL-China and BHL-Europe.

• Could we consider co-development or adopting one set of tools for each service (portal, dedup/GRIB, exhibitions)?
Shared Metadata Standard

• We will all have local metadata needs but then as records are shared among ourselves what metadata standard can we all agree to use for data exchange? MODS?

• How would each site maintain the different formats, if the internal format used is different than the ones used in other sites?

• Could there be an agreed exchange format that we all could provide and consume?
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TECHNICAL TOPICS (CONT.)
Technical Topics

Scan Requests –
Strategy for handling and managing scan requests globally

Deduplication –
Avoiding duplication of scanning.
What is the current status of the GRIB?
Who will use it beyond BHL-Europe?
Technical Topics

Feedback –

How to coordinate feedback (issues) between the nodes?

If BHL-Europe receives a bibliographic issue for an BHL-US item, for example, how to coordinate feedback.

This should include requests for scanning too
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TECHNICAL TOPICS (CONT.)
Technical Topics

Scan Permissions –

Coordinating permission to scan in-copyright content.

Any International Copyright issues we would like to consider?
Technical Topics

• **Subcollections of BHL content** – BHL-US/UK has sub-collections of content in the BHL portal as well as in iTunes U. BHLE has the Virtual Library Exhibitions. Perhaps there are ways to coordinate these efforts?

• What about additional global nodes -- could we use existing tools to showcase global partner sub-collections?
Technical Topics

• Coordinated Communication Plan –
  – Who is in charge of outreach and communication for each node?
  – What communication activities are you performing/involved in?
  – How can we coordinate activities across global nodes?
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PARKED ITEMS
Friday June 8th 2012

FUTURE PERSPECTIVES
Future Perspectives

- Sustainability
- Regionalization
- Future meetings
Friday June 8th 2012

PROJECT IDEAS & PROPOSALS
Friday June 8th 2012

ACTION ITEMS
Friday June 8th 2012

NEXT STEPS & WRAP-UP