



Panel at ECDL 2007: On the move towards the European Digital Library: BRICKS, TEL, MICHAEL and DELOS converging experiences

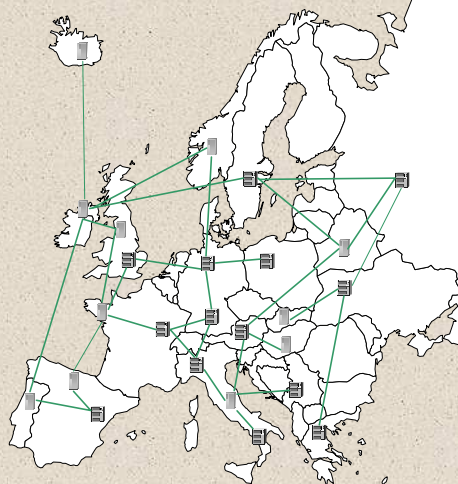



BRICKS
Building Resources for Integrated Cultural Knowledge Services




BRICKS Approach

- **Service oriented**
 - Standardized interface descriptions based on Web Services
 - Platform independent
 - Flexible composition of services
- **Decentralized**
 - Avoid central coordination → No Single Point of Failure
 - Highly scalable
 - Increased reliability
 - Minimized maintenance cost
- **Open Source**
 - Lowers the barrier to use BRICKS
 - Ensure sustainability of project results
 - Allows tailoring to user needs






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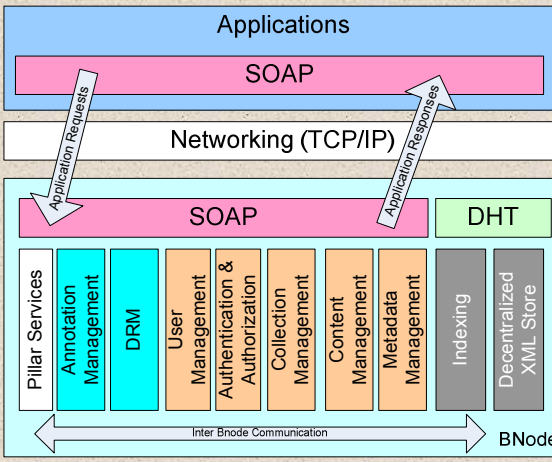



Full Architecture of a BNode

Complete Framework exposed as WebServices

- Infrastructure
- Content (JCR) & Metadata Management
- Security & Rights Management
- Information Space Navigation

Extensible with new services





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A Real World Example: Finds identification

- Archaeological objects are found by the public and in excavations in large numbers across Europe each year
- Museum curators, archaeologists, students, ...
 - **All need to identify finds**
- Traditional way of working
 - Examining objects
 - Preliminary identification
 - Comparison to specialist reference collections, e.g. roman coins
 - Sometime object descriptions are enough
 - Sometime it is the starting point for a scientific analysis process
 - Comparison to objects in the museum collection
 - Record object in detail






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Finds identification with BRICKS

- Examining objects
- Preliminary identification
- **Comparison to specialist reference collections**
 - Easy access to all relevant archeological collections (Even to unknown collection)
 - Advanced search facilities
Support of ontologies, translation services, different types of search
 - One application to access all collections
 - Collaborative identification processes
- Comparison to objects in the museum collection
- Record object in detail





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BRICKS User Community

- **Constantly increasing community of users and supporters**
 - Users Organizations
 - Latest news about BRICKS
 - Get in contact with other users
 - Exchange experiences
 - Administrators and Software developers
 - Detailed information about the BRICKS technology
 - Access to the latest version of the software
 - Support by BRICKS professionals
- **Joining the community is free and easy**

<http://www.brickscommunity.org/>

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Questions & Discussions



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