Evaluating Digital Library Holistically

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Digital Library Issues

- Rapidly growing number
- Universal involvement
- Diversity in content format and user background
- High cost
- Heavy development & light assessment

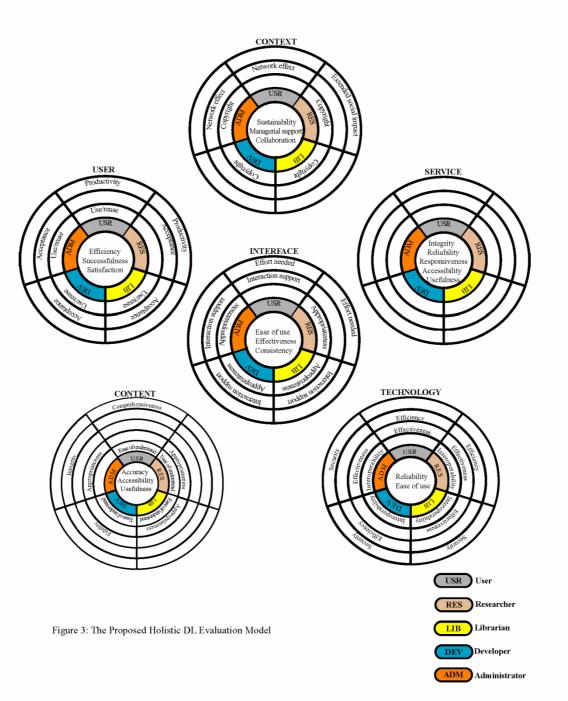
Digital Library Structure & Stakeholder

Key components

- Content
- Technology
- Service
- User
- Interface
- Context

Core stakeholders

- Developer
- Researcher
- Administrator
- User
- Librarian
- ...



Content -- Accessibility

----The extent to which (fulltext) content is open for access without barrier

Various Barriers

- Technological
- Intellectual
- Economic
- Institutional







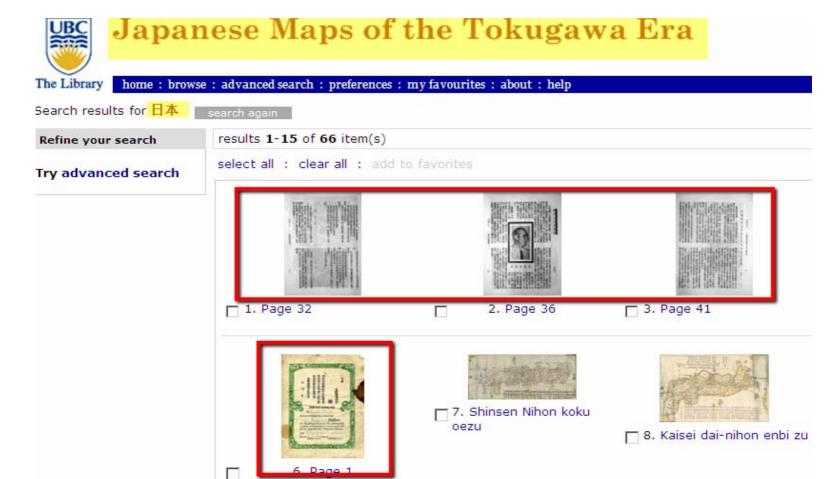
御定全唐詩

爾 中國哲學書電子化計劃

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Content -- Accuracy

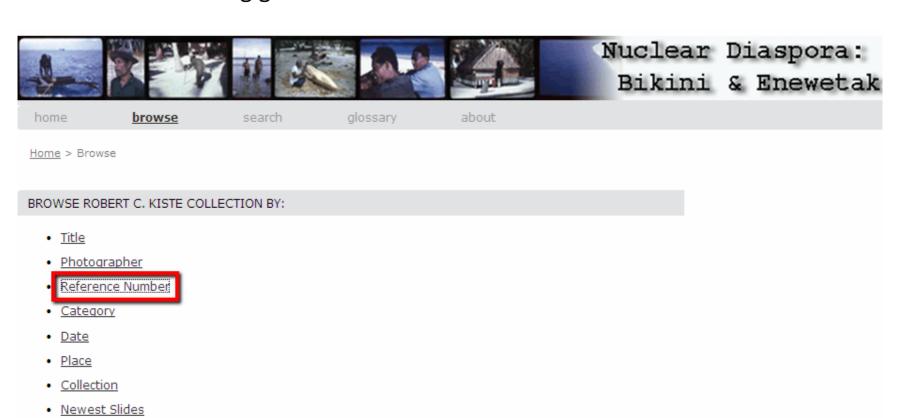
The extent to which any visible errors (e.g., typo, incorrect information) are detected in digital information.



· Recent Comments

Content -- Usefulness

The extent to which digital information is helpful to users to achieve their information seeking goals



Content -- Comprehensiveness

The extent to which digital collection covers everything within a predetermined scope in terms of subject, time, language, format...

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Digital Library



Technology – Ease of Use

The extent to which a digital technology is free of complexity for use



后我与一位当上了祖母的女人坐在门槛上,她编着草

Technology – Interoperability

The extent to which a DL can work together smoothly with other systems or transformed /upgraded to other platforms



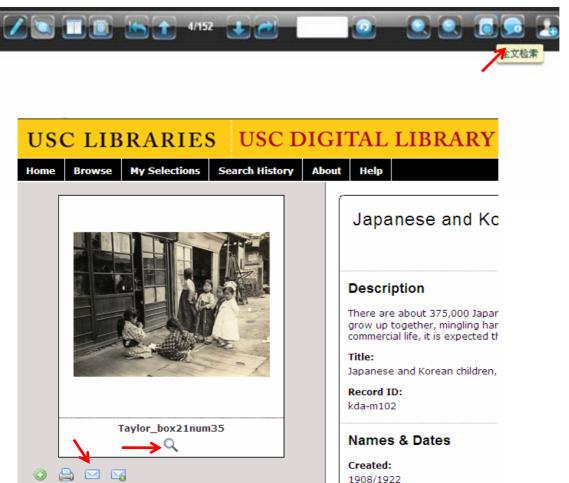
Interface – Consistency

The extent to which an interface is designed with all essential elements (e.g., color, layout, font, background, terminology) consistent across sections & pages



Interface – Interaction Support

The extent to which a DL interface supports HCI by visualizing interaction status, facilitating users to take further action, etc.





Search results for 'boxer rebelli

All Formats (594)
Book (483)
eBook (116)
··· Thesis/dissertation (11)
Microform (10)
Article (77)
Peer-reviewed (57)
□ Video (21) ←
DVD (8)
VHS (8) Film (4)
Archival material (10)
Journal, magazine (3)
Image (1)
Refine Your Search
Author
Naixuan Lao (6)
United States (6)
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Yong Wu (5)
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Service –Responsiveness

The extent to which digital service agent/staff can provide prompt and positive responses







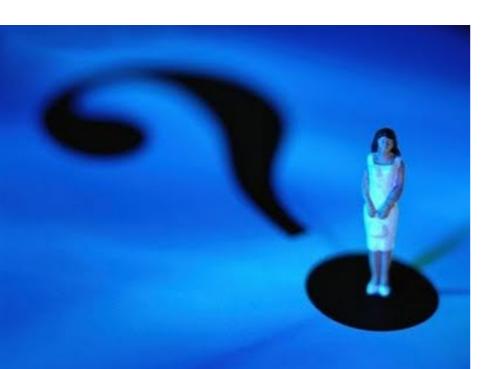
~ 24/7 real-time research help ~
Email Address
Confirm Email Address
Please select:
Select One ▼
Your Question:
What is your Internet Connection?
Select One ▼
Are you using a software firewall? (ex: Norton Internet Security)
Select One ▼
Connect K



Service –Integrity

The extent to which a digital service is integrated into main flow of DL use in a transparent way

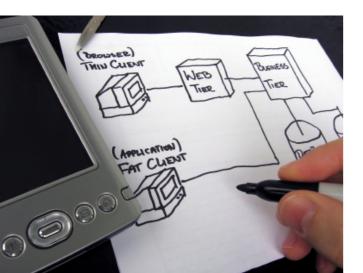






User

- Successfulness
- Efficiency
- Satisfaction
- Productivity (user/researcher)







Context

Collaboration



我的遥远的清平湾



史铁生 ★★★★ 0 Revi →1 0 广州出版社, 2001 本书收录了史铁生: 情深厚,回味无穷,7



我的遥远的清平湾 著:史铁生





Sustainability

Latest News

ahds arts and humanities data service

From April 2008 the Arts and Humanities Data Service (AHDS) will no longer be funded to provide a national service. However, the JISC have very kindly provided funding for a further year to keep the website available, to maintain and update the AHDS cross-search catalogue, and for the Centres to continue to deliver AHDS collections. The catalogue will allow users to search across the collections of the AHDS partners, including new

Summary



- What have been done well?
 - Context: Collaboration | Copyright compliance
 - Technology: Interoperability
 - Interface Interaction support
- What could be done better?
 - Content -- Accessibility
 - Interface Ease of use, Consistency
 - Service Accessibility

Conclusion

- Digital Library (DL) has to be evaluated
- DL evaluation needs to cover all aspects from content, technology, interface, service, user to context
- Users' different voices should be heard and taken into consideration
- The holistic model is ready for use

Zhang, Y. (2010). Developing a holistic model for digital library evaluation. *Journal of the American Society for Information Science and Technology*, 61(1): 88-110.

Thank You!