

Integrating Adlib Museum with an image repository and discovery platform

Matthew Phillips

Head of Digital and Bibliographic Services

Durham University: Library and Heritage Collections

Durham University: Library and Heritage Collections



Resource Discovery System project

2009

- Serials Solutions (ProQuest) launch Summon: web-scale library resource discovery
- December: Ex Libris announces partner libraries for Primo Central

2010

- Durham University starts assessing the market for discovery systems

2013

- January: OJEU tender issued
- Evaluated responses
- April/May: Interviews and further discussions
- Contract awarded to Ex Libris for Primo product

2014

- New service, "Discover", launched ready for new academic year

What does Discover include?

- Physical library collections (from Millennium system)
- Electronic library resources (from Primo Central index)
- Research repositories (open access publications and theses)
- Archival collections (EAD catalogues)
- Museum collections (from Adlib)

- Departmental collections

Demonstration

<http://discover.durham.ac.uk/>

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Search Durham collections

Enter a keyword, title, author, ISBN...

Everything

Search

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Item of the Month



Raising the siege of Mafeking
Among the collections in the

My Reading Lists

Find the reading lists for your modules by searching for your lecturer or course name.

[Read more](#)



News



Revision Study Space in Easter term

[Read more](#)

Twitter



Durham Uni Libra
@dulib

The new Library café is up and running! Did you know that hot food is now allowed in the library café between 6pm and 8am? Today starting at noon we're giving out some useful giveaways to help you



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Personalize your results
Edit

RSS
Add page to e-Shelf

Expand my results
☐ Expand beyond Durham Collections

Show only
Peer-reviewed Journals (1,542)
Full Text Online (1,903)

Refine My Results
Resource Type
Articles (1,429)
Reviews (238)
Books (74)
Newspaper Articles (53)
Dissertations (34)

Results 1 - 20 of 1,937 for Everything Sorted by: Relevance 1 2 3 4 5 ▶

Show only Peer-reviewed Journals (1,542) Full Text Online (1,903)

Article

☆ **Metagenomic analysis of viromes of dromedary camel fecal samples reveals large number and high diversity of circoviruses and picobirnaviruses** [View all versions](#)
Woo, Patrick C.Y.; Lau, Susanna K.P.; Teng, Jade L.L.; Tsang, Alan K.L.; Joseph, Marina; Wong, Emily Y.M.; Tang, Ying; Sivakumar, Saritha; Bai, Ru; Wernery, Renate; Wernery, Ulrich; Yuen, Kwok-Yung
Virology, December 2014, Vol.471-473, pp.117-125 [Peer Reviewed Journal]
● Full text available
[View Online](#) [Details](#) [More](#) [Citations](#) [Cited by](#)

Book

☆ **The camel's load in life and death : iconography and ideology of Chinese pottery figurines from Han to Tang and their relevance to trade along the silk routes**
Knauer, Elfriede Regina.
c1998
● Available at Bill Bryson Library Level 3 738.0951 KNA
[Request](#) [Locations](#) [Details](#) [More](#)

Article

☆ **SIMS Pb-Pb and U-Pb age determination of eucrite zircons at <5µm scale and the first 50Ma of the thermal history of Vesta** [View all versions](#)
Zhou, Q.; Yin, Q.-Z.; Young, E.D.; Li, X.-H.; Wu, F.-Y.; Li, Q.-L.; Liu, Y.; Tang, G.-Q.
Geochimica et Cosmochimica Acta, 1 June 2013, Vol.110, pp.152-175 [Peer Reviewed Journal]
● Full text available
[View Online](#) [Details](#) [Recommendations](#) [More](#) [Citations](#) [Cited by](#)

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Not secure

Refine My Results

Resource Type

- Articles (1,429)
- Reviews (238)
- Books (74)
- Newspaper Articles (53)
- Dissertations (34)
- More options

Subject

- History & Archaeology (273)
- Humans (244)
- Animals (242)
- Biology (205)
- Women'S Studies (200)
- More options

Author/Creator

- Chinese School, Tang Dynasty (12)
- Li, Min (5)
- Muyldermans, Serge (5)
- Wang, Bo (5)
- Maqsood, Sajid (4)
- More options

Creation Date

From To

Refine

Article

☆ SIMS Pb-Pb and U-Pb age determination of eucrite zircons at<5μm scale and the first 50Ma of the thermal history of Vesta

Zhou, Q.; Yin, Q.-Z.; Young, E.D.; Li, X.-H.; Wu, F.-Y.; Li, Q.-L.; Liu, Y.; Tang, G.-Q.

Geochimica et Cosmochimica Acta, 1 June 2013, Vol.110, pp.152-175 [Peer Reviewed Journal]

Full text available

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Citations Cited by

Object

☆ figures (Earthenware, covered with cream clay slip and brown lead glaze.)

700-800; Tang

Available at University Museums On display DUROM.1969.18

Details

Object

☆ figures (Earthenware, cover with cream clay slip and decorated with splashes of green and yellow lead glaze.)

775-825; Tang

Available at University Museums In storage (available by prior appointment) DUROM.1969.19

Details

Article

☆ Investigation of Optical and Photocatalytic Properties of Bismuth Nanospheres Prepared by a Facile Thermolysis Method

Wang, Z.; Jiang, Cl.; Huang, R.; Peng, H.; Tang, Xd

Journal Of Physical Chemistry C, 2014 Jan 16, Vol.118(2), pp.1155-1160 [Peer Reviewed Journal]

Full text available

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Citations Cited by

Article

☆ SIMS Pb-Pb and U-Pb age determination of eucrite zircons at<5[mu]m scale and the first 50Ma of the thermal history of Vesta.(Report)

Zhou, Qin; Yin, Qing - Zhu; Young, Edward D.; Li, Xian - Hua; Wu, Fu - Yuan; Li, Qiu - Li; Liu, Yu; Tang, Guo - Qiang

Geochimica et Cosmochimica Acta, June 1, 2013, Vol.110, p.152(24) [Peer Reviewed Journal]

Full text available

View Online Details More

Cited by

Article

☆ Stacking faults in B2-structured magnesium alloys from first principles calculations

Tang, Ping-Ying; Wen, Li; Tong, Zhang-Fa; Tang, Bi-Yu; Peng, Li-Ming; Ding, Wen-Jiang

View all versions


figures (Earthenware, cover with cream clay slip and decorated with splashes of green and yellow lead glaze.)
775-825; Tang
● Available at University Museums In storage (available by prior appointment) DUROM.1969.19

Details

Title: figures (Earthenware, cover with cream clay slip and decorated with splashes of green and yellow lead glaze.)
Creation date: 775-825; Tang
Description: Earthenware figure of a Bactrian camel, decorated with cream clay slip and splashes of green and yellow lead glaze on buff glaze ground, Three-colour ware.
Subjects: Camel
Dimensions: height 373 mm; length 275 mm; width 110 mm
Physical Description: Earthenware, cover with cream clay slip and decorated with splashes of green and yellow lead glaze.
Material: materials – inorganic material – clay – clay products – ceramic – earthenware
Object number: DUROM.1969.19
Production place: Asia, East Asia, China, north
Production period: language-related concepts – Chinese – Tang
Notes: -
Credit line: gift from the Rt Hon Malcolm MacDonald
Images:

Links

- > Link to reproduction
- > Link to reproduction
- > Link to reproduction
- > Link to reproduction
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Source
 Scopus (Elsevier) (1,090)
 Science Citation Index Expanded (Web of Science) (764)
 OneFile (GALE) (563)
 MEDLINE/PubMed (NLM) (514)
 Publicly Available Content Database (349)
 More options ▼

Language
 English (1,846)
 Chinese (11)
 German (8)
 Japanese (5)
 French (3)
 More options ▼

Journal Title
 Bulletin Of The School Of Oriental And African Studies (147)
 PloS one (45)
 Scientific Reports (23)
 Journal of The Royal Central Asian Society (21)
 Asian Affairs (16)
 More options ▼

Production Place
 Asia (1)
 Asia, East Asia, China, north (2)
 Changsha (1)
 East Asia (1)
 More options ▼

Article
 Tang, Ping-Ying ; Wen, Li ; Tong, Zhang-Fa ; Tang, Bi-Yu ; Peng, Li-Ming ; Ding, Wen-Jiang
 Computational Materials Science, 2011, Vol.50(11), pp.3198-3207 [Peer Reviewed Journal]
 ● Full text available
 View Online Details Recommendations More Citations

Article
 ☆ The Effect of Menthol on Cigarette Smoking Behaviors, Biomarkers and Subjective Responses
 Strasser, AA ; Ashare, RI ; Kaufman, M ; Tang, Kz ; Mesaros, Ac ; Blair, Ia
 Cancer Epidemiology Biomarkers & Prevention, 2013 Mar, Vol.22(3), pp.382-389 [Peer Reviewed Journal]
 ● Full text available
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Image
 ☆ Camel, Tang Dynasty (polychrome glazed pottery)
 Chinese School, Tang Dynasty
 ● Full text available
 View Online Details More

Article
 ☆ “骆驼”张哲生：一种人生 一种人格 一种品位 “Hui Camel” Zhang Henshui: A Life
 Philosophy, Personality and Quality
 汤哲声 ; Tang Zhesheng
 池州学院学报 - Journal of Chizhou Teachers College, 2011, Issue 1, pp.1-4
 ● Full text available
 View Online Details More

Article
 ☆ Failure modes of valve-regulated lead-acid batteries for electric bicycle applications in deep discharge.(Report)
 Guo, Yonglang ; Tang, Shengqun ; Meng, Gang ; Yang, Shijun
 Journal of Power Sources, June 1, 2009, Vol.191(1), p.127(7) [Peer Reviewed Journal]
 ● Full text available
 View Online Details Recommendations More Citations Cited by View all versions

Article
 ☆ Genome sequences of wild and domestic bactrian camels
 Jirimutu, Zhen ; Wang, Guohui ; Ding, Gangliang ; Chen, Yamin ; Sun, Zhihong ; Sun, Heping ; Zhang, Lei ; Wang, Surong ; Hasi, Yan ; Zhang, Jianmei ; Li, Yixiang ; Shi, Ze ; Xu, Chuan ; He, Siriguleng ; Yu, Shengdi ; Li, Wenbin ; Zhang, Mijiddorj ; Batmunkh, Batsukh ; Ts, Shirzana ; Narenbatu, Hongwei ; Unierhu, Banzragch ; Bat-Ireedui, Qing ; Gao, Zhiling ; Baysgalan, Zhaoxia ; Li, Juan ; Jia, Lei ;
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RSS
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Refine My Results

Subject
materials (293)
inorganic material (176)
rock (63)
metamorphic rock (53)
metal (49)
More options ▼

Author/Creator
Re-Ment Co Ltd (30)
Sanrio Company Ltd. (1)
Kunisada II, Utagawa (1)
Joseph Rodgers & Sons (1)
Jones, Lawrence (1)
More options ▼

Results 1 - 20 of 333 for Durham Museums

Sorted by: Relevance ▼

1 2 3 4 5 ▶

Object ☆ **cutlery; spoons (engraved silver plate spoon)**
20th century
● Available at University Museums In storage (available by prior appointment) DURUC.2016.62
Details

Object ☆ **cutlery; spoons (electroplated silver spoon)**
20th century
● Available at University Museums On display DURUC.2016.68
Details

Object ☆ **spoons (light bronze coloured spoon.)**
1900-2000
● Available at University Museums In storage (available by prior appointment) DUROM.2014.386
Details

Object ☆ **spoons (engraved electroplated silver spoon)**
Josiah Adams & Sons
1800-2000; 19th or 20th century
● Available at University Museums In storage (available by prior appointment) DURUC.2016.74
Details

Object ☆ **spoons (light bronze coloured spoon.)**
1900-2000
● Available at University Museums In storage (available by prior appointment) DUROM.2014.385
Details

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discover.durham.ac.uk/primolibweb/action/search.do?fn=search&ct=search&initialSearch=true&mode=B...

Production Place

- Africa (24)
- Asia (253)
- Asia, Southeast Asia (11)
- Baghdad (7)
- Baghdad District (7)
- More options ▼

Material

- biological material (40)
- bone (26)
- chalcedony (24)
- chromatic colors (18)
- combination inorganic/organic
- animal material (31)
- More options ▼

Person Depicted

- Bes (1)
- Brahma (1)
- Hello Kitty (1)
- More options ▼








Production Period

- 18th Dynasty (3)
- 20th century (8)
- 21st century (9)
- Chinese (175)
- Early Western World (1)
- More options ▼

Object name

- accessories worn on the head (6)
- containers (183)
- costume accessories (6)

Object Details

-  ☆ spoons (light bronze coloured spoon.)
1900-2000
● Available at University Museums In storage (available by prior appointment) DUROM.2014.387
Object Details
-  ☆ spoons (Small brass spoon)
20th century
● Available at University Museums In storage (available by prior appointment) DUROM.2015.403
Object Details
-  ☆ spoons (Carved wooden spoon)
20th century
● Available at University Museums In storage (available by prior appointment) DUROM.2015.386
Object Details
-  ☆ spoons (Small carved wooden spoon)
20th century
● Available at University Museums In storage (available by prior appointment) DUROM.2015.402
Object Details
-  ☆ spoons (light bronze coloured spoon with 's' shaped end.)
1900-2000
● Available at University Museums In storage (available by prior appointment) DUROM.2014.388
Object Details
-  ☆ spoons (Spoon made from the organic material of gourd)
probably 2014
● Available at University Museums In storage (available by prior appointment) DUROM.2015.272
Object Details
-  ☆ spoons (Copper ladelling spoon. Medieval or post-medieval copper spoon, with a large shallow bowl shaped into a spout at one side. Battered long handled spoon with round bowl and lip for pouring. Plain and quite crudely made. Brown and green in colour.)
Medieval
● Available at University Museums In storage (available by prior appointment) DUROM.2015.272
Object Details

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spoon

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RSS
☆ Add page to e-Shelf

Refine My Results

Subject
materials (293)
inorganic material (176)
rock (63)
metamorphic rock (53)
metal (49)
More options ▼

Author/Creator
Re-Ment Co Ltd (30)
Sanrio Company Ltd. (1)
Kunisada II, Utagawa (1)
Joseph Rodgers & Sons (1)
Jones, Lawrence (1)
More options ▼

1 2 3 4 5 >

Refine Search x

Include	Exclude	Material
<input type="checkbox"/>	<input type="checkbox"/>	biological material (40)
<input type="checkbox"/>	<input type="checkbox"/>	bone (26)
<input type="checkbox"/>	<input type="checkbox"/>	chalcedony (24)
<input type="checkbox"/>	<input type="checkbox"/>	chromatic colors (18)
<input type="checkbox"/>	<input type="checkbox"/>	combination inorganic/organic animal material (31)
<input type="checkbox"/>	<input type="checkbox"/>	combination inorganic/organic material (32)
<input type="checkbox"/>	<input type="checkbox"/>	glass (28)
<input type="checkbox"/>	<input type="checkbox"/>	inorganic material (176)
<input type="checkbox"/>	<input type="checkbox"/>	jade (43)
<input type="checkbox"/>	<input type="checkbox"/>	materials (293)
<input type="checkbox"/>	<input type="checkbox"/>	metal (49)
<input type="checkbox"/>	<input type="checkbox"/>	metamorphic rock (53)
<input type="checkbox"/>	<input type="checkbox"/>	mineral (31)
<input type="checkbox"/>	<input type="checkbox"/>	nonferrous metal (30)
<input type="checkbox"/>	<input type="checkbox"/>	plant material (36)
<input type="checkbox"/>	<input type="checkbox"/>	plastic (28)
<input type="checkbox"/>	<input type="checkbox"/>	quartz (30)
<input type="checkbox"/>	<input type="checkbox"/>	rock (63)
<input type="checkbox"/>	<input type="checkbox"/>	silver (20)
<input type="checkbox"/>	<input type="checkbox"/>	wood (25)

Continue Cancel

Making a library search work for museums

Pros:

- Didn't have a public museum search interface before
- Users do not have to go anywhere special to find museum objects
- System is flexible enough to handle objects pretty well

Cons:

- System still quite library focussed
- Browsing collections not well supported

Standard facets

- Resource type (e.g. book, map, video, article)
- Subject (topic)
- Author / Creator
- Creation date (as an exact year)
- Library (i.e. building location of physical item)
- Source (e.g. an electronic collection)
- Language
- Journal title
- Module name (for reading list material)

Local facets

- Material
 - ceramic, jade, wood, cardboard, imitation leather
- Production place
 - Lower Egypt, Guangdong, Samarqand
- Production period
 - Eastern Han dynasty, 18th dynasty, Post medieval
- Object name
 - teacups, incense burners, statues, posters, books
- Person depicted
 - Buddha, Ganesh, Mao Zedong, Ciel Phantomhive

Person database: indexing

Mao Zedong

Used for: Mao Runzhi; Mao Tse-tung; Ziren; 子任; 毛泽东; 毛润之

Display fields

- Mao Zedong

Facets

- Mao Zedong

Keyword index

- All variants indexed

Thesaurus: indexing enrichment

containers – culinary containers – drinking vessels – cups – teacups

Display fields

- teacups forms part of the "title"

Facets

- All levels indexed

Keyword index

- All levels indexed and alternative terms

Processing fields for display

- Perl script accesses API to read all objects as Adlib XML
 - Looks up Thesaurus and Persons to enrich indexing
- Many fields passed straight through to Primo
- Others need special handling:
 - Title
 - Dimensions
 - Creation date
 - Description

Creation date

Production dating

Collection	OM Period			Period	DUR:Early Bronze Age	
Date (early)	-2900	Precision	probably	Date (late)	-1531	Precision
Notes	These dates reflect the Near and Middle East dating of the Early Bronze Age					

Seal (cast copper alloy seal)

probably 2900 BCE-1531 BCE; Early Bronze Age

● **Available at University Museums** In storage (available by prior appointment) DUROM.2014.157

Production dating

Collection				Period	Late Bronze Age	
					Iron Age	
Date (early)	-2800	Precision	about	Date (late)	-582	Precision about
Notes						

figurines (Hand thrown animal figurine, light orange ware)

about 2800 BCE-about 582 BCE; Late Bronze Age; Iron Age

● **Available at University Museums** In storage (available by prior appointment) DUROM.1968.56.24

Dimensions

Dimensions				
Part	Dimension	Value	Unit	Precision
	length	4500	mm	
	width	250	mm	
	depth	85	mm	
tunic	length	1900	mm	
trousers	length	2600	mm	

Dimensions:

length 4500 mm; width 250 mm; depth 85 mm

tunic: length 1900 mm

trousers: length 2600 mm

Physical Description: Fabric doll with hand embroidered clothes and features



The title

Primo insists on a title!

Built from:

- Title
- Translated Title
- Object Name
- Other Name
- Object Category
- Physical Description
- Material

Examples:

- spoons (painted wood)
- amulets (faience) lion and bull amulet
- dolls (wood, silk, hair)
- tea services (porcelain tea service with overglaze decoration)
- 全力支持抗美援朝志愿军部队 (Full support for the Volunteer Army to resist U.S. aggression and aid Korea)
- Sentimental Circus Bento Chopsticks with Circus Animals
- coins (metal) Didius Julianus Sestertius
- snuff bottles (amygoid lava)
- Welcome to the Space Show (宇宙ショーへようこそ)
- ushabti (sycamore)

Popular titles

sherds (pottery)	476
pottery (pottery)	111
photographs (paper)	99
animal bone (bone)	90
clay pipe (fired clay)	58
slide (glass)	54
pages (paper, leather)	47
unidentified (unidentified)	41
coins (metal)	38
body sherd (pottery)	35



Could consider adding

- production place or period
- field location (for archaeology)
- technique

Making data public

- Selection of records (not missing, not loaned to us)
- Accuracy, quality, consistency
- Copyright (text and images)
- Geolocation

Rights				
Type	discover.geolocation	Reference no.		Assigned
Holder		Start date		End date
Consent status	Unknown	Date		
Requester		Authoriser		Date
Notes				

Images

Current practice

- JPEGs (typically 300 pixels) stored in Adlib
- TIFFs stored on preservation-quality CDs and DVDs

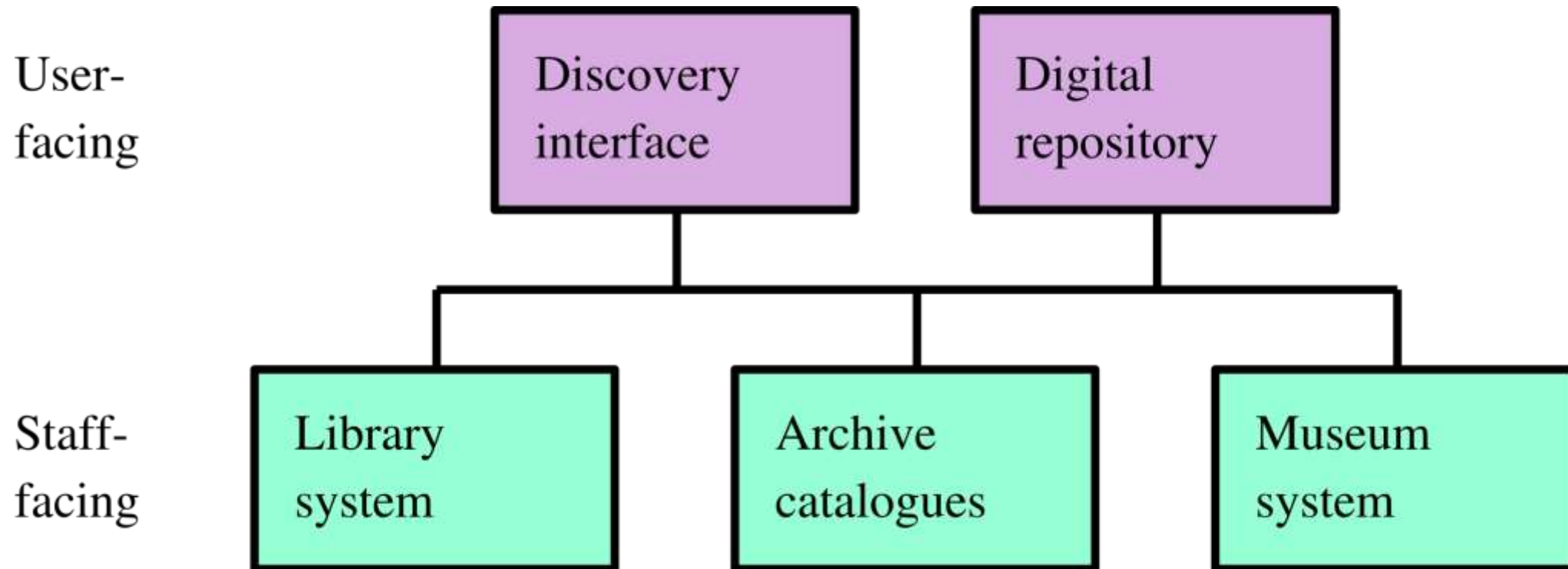
User access

- JPEGs available through Discover
- Higher definition images only available through museum staff

Digital preservation

- Risk of degrading of optical media
- Risk of loss of discs

Library IT system strategy



Samvera repository



- Research publications, theses, research data (including audio and video)
- Manuscripts, archives and rare books
- Museum objects, art
- Born-digital special collections
- Integration with discovery and metadata systems
- IIF image server
- Digital preservation



IIIF

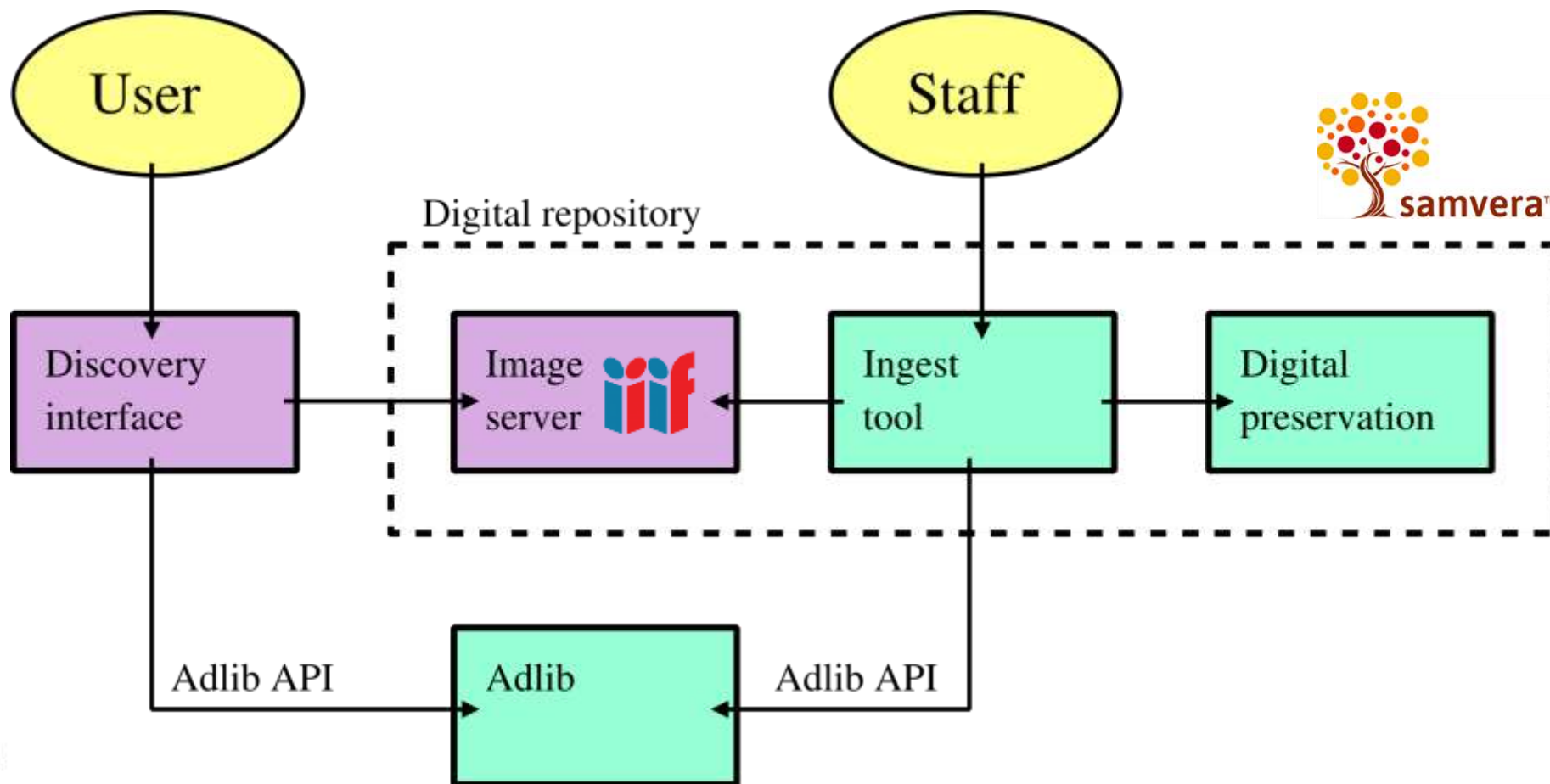
International Image Interoperability Framework

Eco-system with components working together across cultural heritage institutions

Access	Protocol to fetch images at various magnification levels
Presentation	Order of pages in a book ("manifest"), table of contents, annotations
Authentication	Controlling what people can view
Search	Searching transcriptions, OCR and annotations

Example: <https://bit.ly/2JiLT8j>

Architecture



Ingest tool

The screenshot shows a web browser window with the URL `https://hilda-test.int.dur.ac.uk/processes/55/edit`. The page has a purple header with the word "Hilda" and a menu icon. Below the header is a breadcrumb trail: "Ingestion processes / New Adlib Ingestion / Edit". The main heading is "New Adlib Ingestion".

Ingest type

single item batch

Adlib object

Enter Adlib object

Visibility

public thumbnail only restricted

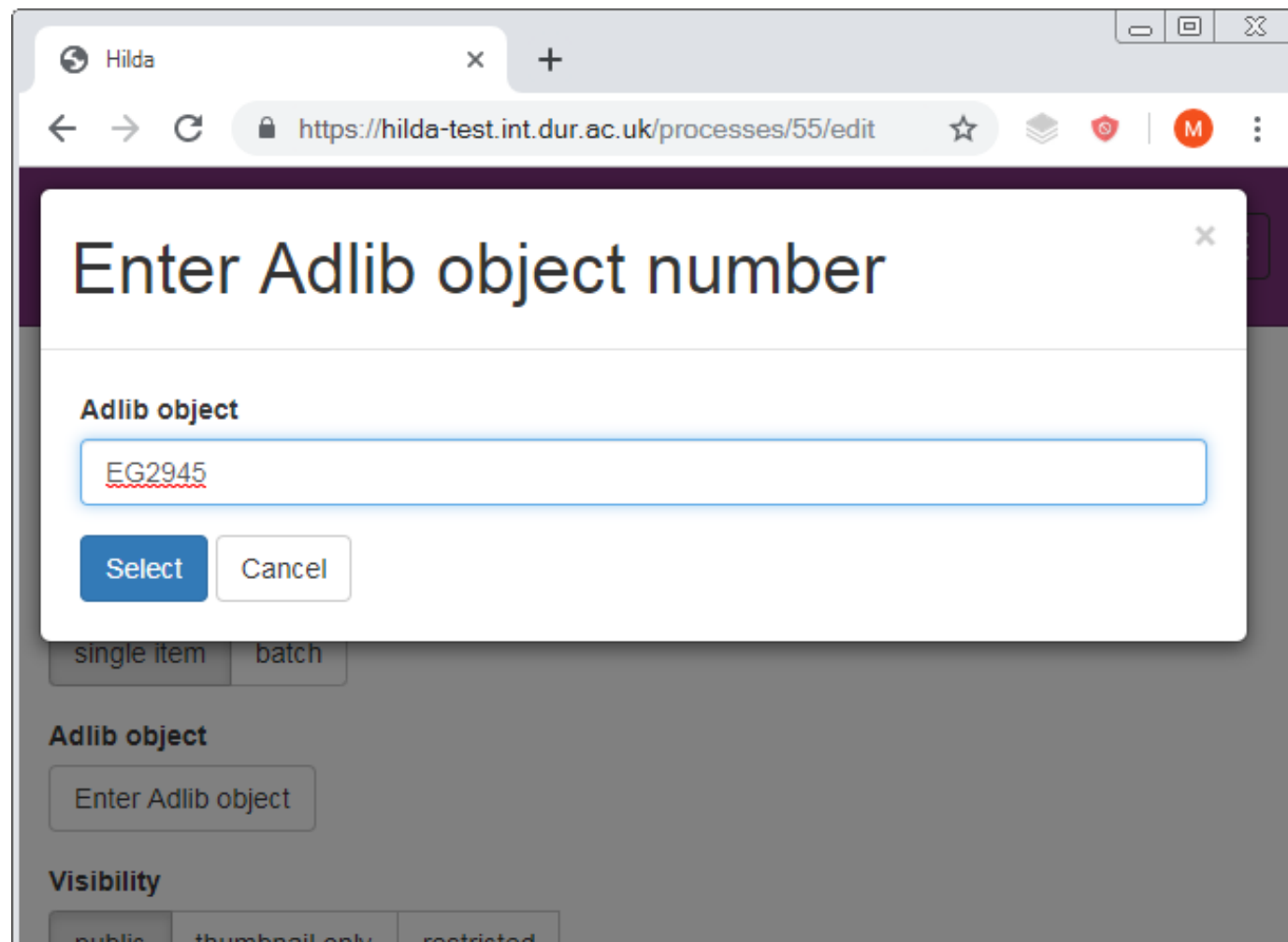
Only public items are ingested to Trifle.

Licence

`http://creativecommons.org/licenses/by-nc-nd/4.0/legalcode`

Attribution

Ingest tool



The screenshot shows a web browser window with the address bar displaying `https://hilda-test.int.dur.ac.uk/processes/55/edit`. A modal dialog box is open with the title "Enter Adlib object number". Inside the dialog, there is a text input field containing the text "EG2945". Below the input field are two buttons: "Select" (in blue) and "Cancel" (in white with a blue border). The background of the browser shows parts of the Hilda interface, including a "single item" / "batch" toggle, an "Adlib object" section with an "Enter Adlib object" button, and a "Visibility" section with "public", "thumbnail only", and "restricted" options.

Enter Adlib object number

Adlib object

EG2945

Select Cancel

Ingest tool

New Adlib Ingestion

Ingest type

Adlib object

visibility

Only public items are ingested to Trifle.

Licence

Ingest tool

Digitisation note

Trifle collection

Select collection

Conversion profile

default

Files

+ Add files...

Start upload

Cancel upload

File metadata

File Label Access restrictions Thumbnail

Primary thumbnail

Save

Cancel

Ingest tool

Digitisation note

Trifle collection

Select collection

Conversion profile

default

Files

EG2945 bb.TIF (11.3 MB)	⌵
EG2945 d1.TIF (11.3 MB)	⌵
EG2945 ff.TIF (11.3 MB)	⌵

+ Add files... Start upload Cancel upload

File metadata

File Label Access restrictions Thumbnail

Primary thumbnail

Ingest tool

File collection

Select collection

Conversion profile

default ▼

Files

EG2945 bb.TIF (11.3 MB) MD5: 1f9ffdeab93710fe28d19ae0187b0055	⌵
EG2945 d1.TIF (11.3 MB) MD5: 349a96f6aa5b7495fb32e539c489b360	⌵
EG2945 ff.TIF (11.3 MB) MD5: 589092f85e13033b51eb70d71d441c30	⌵

+ Add files... ⏸ Start upload ⌵ Cancel upload

File metadata

File Label Access restrictions Thumbnail


Primary thumbnail


▼


Save Cancel

Ingest tool

Files




EG2945 bb.TIF (10.8 MB) - MD5: 1f9ffdeab93710fe28d19ae0187b0055 

EG2945 d1.TIF (10.8 MB) - MD5: 349a96f6aa5b7495fb32e539c489b360 

EG2945 ff.TIF (10.8 MB) - MD5: 589092f85e13033b51eb70d71d441c30 

[+ Add files...](#) [Start upload](#) [Cancel upload](#)

File metadata

File	Label	Access restrictions	Thumbnail
/shared_data/hilda_temp_test/EG2945_ff_2.TIF	front	public ▼	
/shared_data/hilda_temp_test/EG2945_d1_2.TIF	detail 1	public ▼	
/shared_data/hilda_temp_test/EG2945__bb_2.TIF	back	public ▼	


Primary thumbnail


EG2945 ff.TIF ▼


[Save](#) [Cancel](#)

Ingest tool

Files




EG2945 bb.TIF (10.8 MB) - MD5: 1f9ffdeab93710fe28d19ae0187b0055 

EG2945 d1.TIF (10.8 MB) - MD5: 349a96f6aa5b7495fb32e539c489b360 

EG2945 ff.TIF (10.8 MB) - MD5: 589092f85e13033b51eb70d71d441c30 

[+ Add files...](#) [⬆ Start upload](#) [⌛ Cancel upload](#)

File metadata

File	Label	Access restrictions	Thumbnail
/shared_data/hilda_temp_test/EG2945_ff_2.TIF	front	public ▼	
/shared_data/hilda_temp_test/EG2945_d1_2.TIF	detail 1	public ▼	
/shared_data/hilda_temp_test/EG2945__bb_2.TIF	back	public ▼	




Primary thumbnail

EG2945 ff.TIF ▼

[Save](#) [Cancel](#)




Ingest tool

Files

EG2945 bb.TIF (10.8 MB) - MD5: 1f9ffdeab93710fe28d19ae0187b0055	
EG2945 d1.TIF (10.8 MB) - MD5: 349a96f6aa5b7495fb32e539c489b360	
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[+ Add files...](#) [⬆ Start upload](#) [⌛ Cancel upload](#)

File metadata

File	Label	Access restrictions	Thumbnail
<input type="text" value="/shared_data/hilda_temp_test/EG2945_ff_2.TIF"/>	<input type="text" value="front"/>	<input type="text" value="public"/> ▼	
<input type="text" value="/shared_data/hilda_temp_test/EG2945_d1_2.TIF"/>	<input type="text" value="detail 1"/>	<input type="text" value="public"/> ▼	
<input type="text" value="/shared_data/hilda_temp_test/EG2945__bb_2.TIF"/>	<input type="text" value="back"/>	<input type="text" value="public"/> ▼	

Primary thumbnail

▼

[Save](#) [Cancel](#)

Ingest tool

Hilda [Help](#)

[Ingestion processes](#) / EG2945

EG2945

[▶ Start](#) [⏮ Reset](#)

Running jobs


2019-05-13 16:18 - Hilda::AdlibIngestJob - **waiting**
2019-05-13 16:19 - Hilda::IIIFIngestJob - **waiting**

Recently finished jobs

2019-05-13 16:18 - Hilda::FitsValidateJob - **finished**
2019-05-13 16:18 - Hilda::CheckFixityJob - **finished**

Process properties

Ingest type: single item
Adlib object: reliefs fragments (limestone) - EG2945
Visibility: public
Licence: <http://creativecommons.org/licenses/by-nc-nd/4.0/legalcode>
Attribution:
Digitisation note:
Trifle collection: Collection index
Conversion profile: default
File metadata:

File	Label	Access restrictions	Thumbnail
/shared_data/hilda_temp_test/EG2945_ff_2.TIF	front	public	

Running jobs

2019-05-13 16:18 - Hilda::AdlibIngestJob - **waiting**
2019-05-13 16:19 - Hilda::IIIFIngestJob - **waiting**

Recently finished jobs

2019-05-13 16:18 - Hilda::FitsValidateJob - **finished**
2019-05-13 16:18 - Hilda::CheckFixityJob - **finished**

Demonstration

[EG2945](#) (limestone cartouche)

<https://iiif.durham.ac.uk/jalava/> (experimental browsing interface)

[DUROM.1960.3430](#) (Japanese carved ivory "devil's work" ball)

Everything ▼

Search

[Advanced Search](#)

[Browse Search](#)

Ball (ivory)

1868-1912; Meiji Period

● Available at University Museums On display DUROM.1960.3430

[Details](#)

[Actions](#) ▼

Title: Ball (ivory)

Creation date: 1868-1912; Meiji Period

Description: Japanese carved ivory 'devil's work' ball with zodiac signs and various animals on wooden stand.

Dimensions:

ball: diameter 52 mm; height 54 mm

stand: diameter 27 mm; height 18 mm

Material: materials – combination inorganic/organic material – combination inorganic/organic animal material – bone – tooth components – dentin – ivory

Object number: DUROM.1960.3430

Production place: Asia – East Asia – Japan (country)

Production period: Meiji Period

Notes: -

Credit line: gift from Sir Charles Edmund Hardinge

Images:

detail 1



Links

- > [Link to reproduction](#)
- > [Contact us](#)

Ball (ivory) - DUROM.1960.3430

Index Layers

● detail 1

● detail 2

● detail 3

● detail 4

● detail 5

● detail 6

● detail 7

● detail 8

● detail 9

●



detail 1



detail 2



detail 3



detail 4



detail 5



detail 6



detail 7



detail 8



detail 9



Ball (ivory) - DUROM.1960.3430

Index Layers

- detail 1
- **detail 2**
- detail 3
- detail 4
- detail 5
- detail 6
- detail 7
- detail 8
- detail 9
-



Gibby photographic prints

Bentley Beetham Collection

Cosin's Library

Durham Bishopric Halmote Court Records

Durham City Guild Records

Oriental Manuscripts

Greatorex Photographs

Durham Probate Records

Crayke Deeds

Durham Mint coins

Museum

Oriental Museum

2013

2014


2015

2016

2017

2018


1960

 Ball (ivory) - DUROM.1960.3430




Show manifest details

10 images - 

 figures (jade) - DUROM.1960.2205




Show manifest details

4 images - 

 figures (Amethyst Quartz) - DUROM.1960.4104



Show manifest details


2 images - 

 handles (jade) dagger handle - DUROM.1960.3599



Technical integration

- Adlib API
- Write access to API
- Additional fields (image database)
 - Canvas link
 - JP2K link
 - Label (front/back etc.)
 - Preservation system ID
 - Publish (yes / no / thumbnail only)
- Link to viewer from objects

Location Future movements		Location history		Field collection		Exhibitions Research/u	
Identification		Production Dating		Physical characteristics		Iconography	
Reproductions		Rights		Condition Conservation		Recommendations Requirements	
DUROM.1994.1		celestial globes					
Manifest ARK		https://n2t.durham.ac.uk/ark:/32150/t1m47429931h.html					
Default thumbnail		15089					
Media Viewer - 1 of 19							
Normal Thumbnails Filmstrip							
							

Reproduction			
Reference	../images/oriental/1994/1994.1-d7.jpg		
Type	Format	Date	
Notes			
Reference	../images/oriental/1994/1994.1-d8.jpg		
Type	Format	Date	
Notes			
Reference	../images/oriental/1994/1994.1-d09.jpg		
Type	Format	Date	
Notes			
Reference	../images/oriental/1994/1994.1-d10.jpg		

Technical challenges

Adlib API

- Authentication
- File access security issues
- Defining ordering of images

Digital preservation

- Faulty TIFF files

For the future...

- Specialist search interface for heritage collections
- Visual browsing of collections
- Map-based exploration
- Teaching tools and reading list integration
- Online exhibitions
- More departmental collections
- Better metadata interoperability across library and museum
- Grouping similar objects in results

Questions?

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