The HERALD project: OASIS redevelopment and Museums

SMA Workshop
Birmingham, 02 October 2015

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ADS
What information does OASIS collect?

- **Site details**
  - Project name
  - Description
  - Project dates
  - Event type
  - Monument and artefact
  - Associated Identifiers
  - Other event info

- **Location**
  - Site name
  - County
  - District
  - Parish
  - Grid reference
  - Postcode

- **People involved**
  - Project brief originator
  - Project design originator
  - Project director or manager
  - Project supervisor
  - Funder
  - Organisation

- **Archive**
  - Archive recipient
  - Archive identifier
  - Archive contents
  - Media available
  - Archive notes

- **Report details**
  - Title
  - Author(s)
  - Date
  - Issuer or publisher
  - Place of issue or publication
  - Description
  - URL
  - Report number
Louisa showed you the current reach.
Currently 33763 reports in the library and over 23,794 of these come from OASIS. 1087 reports were added from OASIS in the first quarter of 2015. They are linked to by HERs and Units.
Types of persistent identifier e.g Handles, Archival Resource Keys (ARKs) and Persistent URLs (PURLs), all can be resolved to an Internet location. The scheme that is gaining most traction is the Digital Object Identifier (DOI).

http://dx.doi.org/ 10.5284 / 1000389
resolver service prefix suffix
(assigning body) (resource)
...with help for how to cite the DOI
A large proportion of reports for post-2005 projects were already available online in the ADS Grey Literature Library via OASIS.
The Geophysical Survey Database

Created by EH in 1995. Deposited with ADS in 2011 when all OASIS records with a completed Geophysics section were included. New records added each month, and where available, linked to Grey Literature Library.
• MEDIN: Marine Environmental data and information network

• Harvests signed off and complete maritime OASIS records via an OAI-PMH target and for addition to the MEDIN portal.

• Records from MEDIN can be included in data.gov.uk
Scottish C14 date recording form imports data from OASIS via the OASIS RESTful web service to start the C14 funding requests to Historic Scotland.

There are possibilities for this to feed data back to OASIS and the radiocarbon database.
Arcaheology Scotland have a system which allows users to import their OASIS records to aid the creation and submission of the DES report.

The system uses a RESTful web service to deliver the OASIS data, developed by the ADS.
Historic Environment Scotland could use the same RESTful web service to populate CANMORE with completed OASIS records from Scotland
Making depositing easier...and cheaper

ADS-easy is a system into which you can upload digital files and associated metadata from archaeological fieldwork and research; on submission these files will be delivered to the ADS for inclusion in our archive.

When should you use ADS-easy?
At least for the time being, ADS-easy is best used for small to medium sized archives, by which we mean archives of around 300 files of a common type. The system works best with projects that contain straightforward file types such as text, images, spreadsheets and CAD files. ADS-easy complements the use of the OASIS system so is especially useful for depositing the digital outputs of small fieldwork projects where you are happy with a simple archive interface i.e. you don’t want an online GIS interface or something similar.

ADS-easy can also accept audio, databases and geophysics files but we currently exclude the upload of 3D laser scanning and larger files due to the limitations of using the web to upload large files.

If you are uncertain about whether you should use ADS-easy please contact us and we can talk to you about the options.
In response to popular demand...

OASIS users can upload an image archive of up to 50 images with a spreadsheet of metadata for £40 + VAT.
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### OASIS Archive section

The archive area is divided into 3 sections:
- **Physical**
- **Digital**
- **Paper**

<table>
<thead>
<tr>
<th>Archive contents</th>
<th>Physical</th>
<th>Digital</th>
<th>Paper</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal Bones</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Ceramics</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Environmental</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Glass</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Human Bones</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Industrial</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Leather</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Metal</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Stratigraphic</td>
<td></td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Survey</td>
<td></td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Textiles</td>
<td></td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Wood</td>
<td></td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Worked bone</td>
<td></td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Worked stone/lithics</td>
<td></td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>none</td>
<td></td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>other</td>
<td></td>
<td></td>
<td>Y</td>
</tr>
</tbody>
</table>

### Media available

**Digital:**
- Database
- GIS
- Geophysics
- Images raster or digital photography
- Images vector
- Moving image
- Spreadsheets
- Survey
- Text
- Virtual reality

**Paper:**
- Aerial Photograph
- Context sheet
- Correspondence
- Diary
- Drawing
- Manuscript
- Map
- Matrices
- Microfilm
- Miscellaneous Material
- Notebook - Excavation, Research, General Notes
- Photograph
- Plan
- Report
- Section
- Survey
- Unpublished Text
- Unspecified Archive
OASIS MUSEUMS

How new OASIS might look for a museum or archive*

* The term museum in this demonstration is used as an umbrella term for organisations accepting archives
Log in to new OASIS or register your details as a new user of the system. Each user has their own username which is then linked with their associated organisation(s). Linking to an HER or museum would be moderated by the OASIS team.

Username: anne_curator
Password: **********
The museum would be able to see their projects in different ways:
A category view with different tabs showing new records, recently updated records, records needing attention, ongoing and completed projects. There would also be a search facility and a detailed daily/weekly update as required.
A museum user sees all the projects which have happened in their area.
There can be multiple individual logins associated with a museum
Projects can be shared with more than one museum if they cross a boundary.
Tabs would display different lists of projects.
As well as records being grouped by categories it will also be possible to search the OASIS records in the Museum area.
Project Summary Page – this lists the pages for the oasis record and their status.
There would be indicators to show where files had been uploaded or items had been changed by another user since the last login.
There would be also indicators to say where the project is in its lifecycle and links to more detailed information about the contractor and HER.
The museum for the project is selected when the data is entered, this page would allow the museum to be changed if necessary and also has links to the HER and Museum pages. The HER and Museum pages will be wiki style so that they can edit them and keep them up-to-date.
Associated Identifiers - *abcde1-123456*

Select the type of identifier, enter the identifier and then click the button to add it to the list. Please include as many identifiers as are available.

- ALSF project no.
- Contracting Unit No.
- HER event no.
- LBS No.
- Museum accession ID
- NHLE No.
- NMR No.
- OASIS form ID
- Planning Application No.
- Related HER No.
- SM No.
- Sitecode
- UKHO Reference Number

Associated Identifiers:

1. HER Event No. - ELE7615
2. Planning Application No. - 09/00104/LBC

Associated Identifiers – this was easily missed in the last version of the form and is key to linking records in different systems. More than one identifier can be included.

This is where the museum accession id would be stored alongside the other identifiers for the project.
The museum would be able to see what the contractor had added for the archive including multiple locations if the archive is not all together. There would also be the ability to upload a spreadsheet of the expected archive contents and the museum would be able to specify the format of this in their archive deposition requirements wiki page.

<table>
<thead>
<tr>
<th>Archive details - abcde1-123456</th>
<th>Archive Status: Awaiting deposition</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Archive Component 1</strong></td>
<td></td>
</tr>
<tr>
<td>Archive Component</td>
<td>Total archive</td>
</tr>
<tr>
<td>Current location</td>
<td>Contractor headquarters</td>
</tr>
<tr>
<td>Future location</td>
<td>Blankshire Museum</td>
</tr>
<tr>
<td>Date of deposition</td>
<td>01-06-2015</td>
</tr>
</tbody>
</table>

Archive contents list:

- Contents_list.xlsx

[View file]

[View archive notes]
The museum and contractor would be able to communicate about the archive deposition. These notes and messages will be stored here so that they will still be available even if there is a change of personnel during the lifecycle of the project.

<table>
<thead>
<tr>
<th>Date: 03-1-2014</th>
<th>Archive Notes: Is there a particular format for the archive contents spreadsheet?</th>
<th>Entered by: Joe Bloggs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: 05-1-2014</td>
<td>Yes – you can download a template from the museum page on the OASIS website. There’s a link from the museum details page for this record.</td>
<td>Entered by: Anne Curator</td>
</tr>
<tr>
<td>Date: 08-10-2014</td>
<td>Can we delay the deposit of the archive for 3 months?</td>
<td>Entered by: Joe Bloggs</td>
</tr>
</tbody>
</table>
User profile page for museum user and organisation
User profile – **Anne Curator**

<table>
<thead>
<tr>
<th>Current Organisations:</th>
<th>Notifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blankshire Museum</td>
<td>Daily digest updates</td>
</tr>
<tr>
<td></td>
<td>- Record updates: <strong>on</strong></td>
</tr>
<tr>
<td></td>
<td>- Contractor messages: <strong>on</strong></td>
</tr>
<tr>
<td></td>
<td>- HER messages: <strong>on</strong></td>
</tr>
<tr>
<td></td>
<td>- Grey literature library additions: <strong>on</strong></td>
</tr>
<tr>
<td></td>
<td>- Archive note updates: <strong>on</strong></td>
</tr>
<tr>
<td></td>
<td>- Archive release notifications: <strong>on</strong></td>
</tr>
</tbody>
</table>

[+] Add another organisation

[+] Update museum settings

[+] Update your details

[+] Change your password

[+] View project tracking

[+] Change notification settings

User profile page – this would allow a user to control their notifications as well as changing name, address and password details.
There would be the possibility of viewing completion statistics for contractors working in the organisation’s area.
Museum profile page – this would allow a user to change the organisation details. This is where users could be associated with the Museum and the level of authorisation defined. This is also where the Museum could set whether they are participating in OASIS and the area they cover. The coverage information could also be integrated with the SMA Map of archaeological collection areas.

**Organisation profile – Blankshire Museum**

**Areas covered by Blankshire Museum:**

**Blankshire**

[+] add / change area

**OASIS participation status**

*Are you accepting information about archive depositions via OASIS?*

No ☐ Yes

**Members**

*An admin user can add members to an organisation*

Anne Curator – admin user

Valerie Volunteer – normal user

[+] add / change members

[+] Update collections policy (wiki page)

[+] Update archive deposition requirements (wiki page)

[+] View project tracking

More information on participation status 🔄
How a update page or email might look to a museum
Projects in your area – Anne Curator - Blankshire Museum

This week’s activities in your area:

2 new requests for Museum Accession Ids [+]
3 records are ready for you to download [-]
   abcde-341234 Watching brief on 15 Lower Lane [view] [download]
   abcde-563378 Survey at land next to Tescos [view] [download]
   abcde-341298 Building survey at 24 Main Street [view] [download]

2 records have new archive notes to view and answer[+]
5 records have been downloaded/modified by Blankshire HER[+]

ALSO

22 reports have been added to the ADS Grey Literature Library [view] [download DOIs]
1 archive has been released on ADS [view] [download DOIs]

Older activities [+]

This example shows how updates to museums could be structured so that they receive information in a concise and useful fashion. This information could be sent daily, weekly or just be available when the museum user logged into the system online.
OASIS exists as a transit lounge to temporarily hold data as it is passed from user to user. Importing data to OASIS allows museums more options on how to interact with OASIS. It is also possible to export data from OASIS for import into other systems.
**IMPORT**
You can upload a spreadsheet to OASIS with data to start or add to OASIS records

*Example:*
*Add your Museum Accession numbers to OASIS records.*

- **Upload spreadsheet**

*It is also possible to upload to and export from OASIS using an API direct from/to your Museum database.* More info

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**EXPORT**
Exporting records is a 3 step process:

**Step 1: Choose records to export:**
*Examples:* 
*all records between dates*
*all completed records*

**Step 2: Choose which parts of a record to export**
*Examples:* 
*all fields*
*just the bibliographic details*

**Step 3: Choose the format to download results in**
*Example:* 
*text file*
*MIDAS or OASIS XML direct to Museum*

- **Start export**

Import: ideally it would be possible for museums to click an ‘upload to OASIS’ button in their museum system but that requires resource from the museum as well as OASIS. In the meantime it will be possible to upload records to OASIS from a spreadsheet.

Export: there is already an export facility in OASIS and this will be updated to reflect the process above. It would also be possible to export records direct to a museum system from OASIS using the API.
Now it’s your turn

Look at the printed out mock up sheets
• Do the different sections look useful to you?
• Is there extra information you would like to be collected?
• Is there information or sections that you would not use?
• Do you see issues with any of the sections?

Please write your comments on the sheets – we would like to capture your opinions