D08 – DELIVERABLE 2.4.2

Project Acronym: OpenUp!
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OAI-PMH Interface production version
Part 1: Public User Interface
D08 – Deliverable 2.4.2

Revision: Final

Authors:
Astrid Höller AIT Forschungsgesellschaft mbH
Gerda Koch AIT Forschungsgesellschaft mbH
Odo Benda AIT Forschungsgesellschaft mbH
Walter Koch AIT Forschungsgesellschaft mbH

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0 REVISION AND DISTRIBUTION HISTORY AND STATEMENT OF ORIGINALITY

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NB: The Software and user interface was developed in collaboration and with input from the TMG over the past 6 months.

Statement of Originality

This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

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1 DESCRIPTION OF WORK

This document illustrates the usage of the OAI-Provider. Users with appropriate permission (e.g. content provider for their own data) can reach it by typing http://web-openup.nhm.ac.uk/oai-provider/index.php into an internet browser. This document represents the perspective of the User (content provider).

With the OAI-Provider you can search through all data that has been uploaded. The OAI-Provider-Platform offers the chance to look on the generated records and control their correctness for ingestion into the Europeana portal1.

The following figure depicts the workflow for the ingestion of OpenUp! records into Europeana. In the present document the public part of point 6 (highlighted in red) of this workflow is being described.

Figure 1 Ingesting records into Europeana (overall workflow)

2 THE OAI-PROVIDER FOR USERS

When going to http://web-openup.nhm.ac.uk/oai-provider/index.php, users with appropriate permissions can see the following window (see Figure 2).

![Homepage of the OAI-Provider](image)

**Figure 2 Homepage of the OAI-Provider**

As you can see there are links at the left side (Figure 3) and in the upper right corner (Figure 4).

![Menu on the left side of the starting page](image)

**Figure 3 Menu on the left side of the starting page**
In the middle of the page you can immediately start searching—without logging in. You can insert a special search term or simply type “*” (Figure 5) and all data is going to be shown as result (see Figure 6).

Figure 4 Menu at the top right corner of the starting page

Figure 5 Starting the search with the query “*”

Figure 6 Result after typing “*” in the search field
2.1 Advanced search

As you can see in Figure 6 on the left side all collections are listed under “Index scan: Archive”. The numbers in brackets give the amount of records for each collection (see Figure 7).

![Figure 7 Listed collections with the number of records in brackets](image)

When clicking on one of these collections the name appears in the search field nearby (see Figure 8).

![Figure 8 After clicking on the collection "Bloch" it appears in the search terms](image)

The search query has been added with an “and” operator because we have already typed in the “*” before. In this section you can customize your search further. You can, for example, determine in which field a certain term should appear. Or you can check the option “Items with Digital Objects”. Then only these records are shown, that also have a direct link to a digital object.

You can go to this search window by clicking on “Advanced search” in the upper right corner too (compare Figure 4).

If your query is finished click on “Go” for starting the search process or “Reset” for starting a new search. When the search with the settings shown in Figure 8 is done, the result is the following (see Figure 9).
Now a list of records that match your query is shown (Search result list – grid). You can see the name of the collection and data provider, the type of the digital object (icon), the ID and the Title, Contributor and Date. On the very right the resource (thumbnails) are displayed. Beside every title there are four symbols (see Figure 10).

They show the possibilities you have in dealing with the record. You can either display the details of the record (blue symbol), add it to your favourites (paper clip), add it to your basket (trolley) or print it (printer). The possibility to add a favourite or use the basket are enabled in the public version of the OpenUp! OAI platform. The click on the Title of the record opens the detail view as well.

### 2.2 Displaying a record

When clicking on the first symbol for displaying a record or the Title of the record you will see the following screen (see Figure 11)
As you can see there are two tabs: “ESE” and “Info”. Figure 11 shows the section “ESE”. There you can see the data of the record (Dublin Core fields and ESE fields) together with its links to the digital object and the digital object itself.

When you click on the link after “Is Shown By” or after “Object” you can have a look on the picture in a new window (see Figure 12).

Before every line of data there is a magnifier symbol. When you click on one of these the value of the same field (for example “Title”) is used in an advanced search together with the metadata field (see Figure 13).
When selecting the “Info” tab the following information is shown (see Figure 14).

![Figure 14 “Info” section for one record](image)

The information is mostly about the collection.

On the bottom of the window you can see possible errors or mistakes of the records in “Reason why record is invalid” (for example “Missing license URI for rights”, compare Figure 14).

At the top you have again symbols (see Figure 15).

![Figure 15 Possibilities when showing a record in detail](image)

Some of them you already know (like the trolley, the paper-clip and the printer). The green arrow is a link to go back. With the moon/sun symbol (the second of right) you can switch the highlighting of search terms. With a click on the moon symbol the terms are no longer highlighted (see Figure 16). When you want to highlight again then click on the sun.
To activate the highlighting of search terms click on the sun.

Right beneath the moon or sun symbol there is a paper with a tool (screwdriver) on it (the last one the right). When you click on that symbol the raw XML data in ABCD format is shown (see Figure 17).

Here you can see the original ABCD unit metadata and you can use this window for checking the mapping to the ESE format.
You can close the window with the ABCD record by clicking on the X in the upper right corner.

Another symbol to have a look on the XML data is the cog wheel (the third from the left). This time the XML document is shown in the transformed ESE format and opened in a browser window (see Figure 18).

![Figure 18 The ESE record opened in a browser](image)

### 2.3 Lookup

During the “Advanced Search” you have the possibility to look up terms by clicking on “Lookup” (see Figure 19).

![Figure 19 The Lookup function](image)

When you click on “Lookup” a window with all “looked up” values for the pre-selected metadata field appears (see Figure 20).
When you select “multimedia object”, for example, the term appears in the search field (see Figure 21).

Another possibility in the OAI-Provider is the “Browse” function. When clicking on “Browse” at the top right corner the following window appears (see Figure 22).

As you can see you can browse by “Europeana Data Provider”, “Partner”, “Collections”, “Europeana Type”, “Europeana Rights”, “OAI published” and “Invalid Records”. The number in brackets again gives the amount of records for each browsing category (see Figure 23).
When you click on a partner name all records (from all collections) of this partner are listed in the result list. When you click on a partner, for example “BLOCH”, Figure 24 shows the result.

Figure 23 Browsing result with number of records in brackets

Figure 24 Result after browsing for the partner “BLOCH”
3 LIST OF REFERENCES

This document is based on the production version 1 of the OpenUp! OAI-PMH Platform at the test server on 16 Feb. 2012. This server was taken down and the production system is now available at http://web-openup.nhm.ac.uk/oai-provider/index.php
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