FOSTER

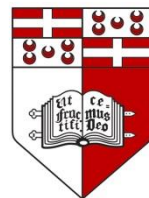## Facilitate Open Science Training for European Research

University of Malta
L-Università ta' Malta

Open Access

and

What is Open Access (OA)? (1)

- "Open Access" to information is the free, immediate, online access to the results of scholarly research, and the right to use and re-use those results as needed.

- OA has the power to transform the way research and scientific inquiry are conducted. It has direct and widespread implications for academia, medicine, science, industry and for society as a whole.

FOSTER

University of Malta
L-Università ta' Malta

What is Open Access (OA)? (2)

- OA has the potential to maximize research investments, increase the exposure and use of published research, facilitate the ability to conduct research across available literature and enhance the overall advancement of scholarship.

- Research funding agencies, academic institutions, researchers and scientists, teachers, students and the general public are supporting a move towards OA in increasing numbers every year.

FOSTER

University of Malta
L-Università ta' Malta

OpenAIREplus (1)

- Funded by the EC 7th Framework Programme

- OpenAIRE aims to support the implementation of OA in Europe. It provides the means to promote and realize the widespread adoption of the Open Access Policy as set out by the European Research Council (ERC) Scientific Council Guidelines for Open Access and the Open Access pilot launched by the European Commission.

- This will facilitate researchers and project coordinators ability to comply with the EC Open Access Policies in Horizon 2020 and FP7.

FOSTER

University of Malta
L-Università ta' Malta

Open Access – OpenAIREplus (2)

- Facilitates access to the entire OA scientific production of the European Research Area by providing cross-links from publications to data and funding schemes

- Strengthens and extends the European network of liaisons with regards to OA and repositories

- Investigates issues and conducts studies on practices and principles of OA

- Extends and operates Helpdesks to provide community support services

- Presents the OpenAireplus data model and content management services

- Offers content analysis and text mining tools and services

- Provides all end-user researchers with advanced functionalities for data access, enhanced publication management and data curating

- For more information on OpenAIRE please visit www.openaire.eu

FOSTER

University of Malta
L-Università ta' Malta

What is an Institutional Repository?

- An Institutional Repository (IR) is an online archive for collecting, preserving and disseminating digital copies of the intellectual output of an institution, particularly a research institution.

- An IR can be viewed as "...a set of services that a university offers to members of its community for the management and dissemination of digital materials created by the institution and its community members."

What is OAR@UoM?

- OAR@UoM is the University of Malta's IR. This translates into an online archive that collects, preserves and disseminates a variety of scholarly material produced under the auspices of the University of Malta.

- OAR@UoM will include material such as monographs, scholarly journal articles, both before (preprints) and after (postprints) undergoing peer review, as well as electronic theses and dissertations (ETDs).

- Moreover, national intellectual output and cultural heritage will also be accepted for submission onto OAR@UoM.

FOSTER

University of Malta
L-Università ta' Malta

What are the Benefits of OAR@UoM?

- OAR@UoM will provide a set of services for the University community through the management and dissemination of digital material. It will contain the broadest possible access to published research and other scholarly material of the University of Malta.

- An IR is the medium through which an institution can build a relationship between itself and the outside world. OAR@UoM will increase the visibility of research which is being carried out at the University of Malta.

- Most of the material uploaded on OAR@UoM will be available in OA.

- OAR@UoM will include research material such as articles, books and book chapters, theses/dissertations, conference proceedings, audio visual, out-of-copyright material and other scholarly content.

FOSTER

University of Malta
L-Università ta' Malta

Who will benefit from OAR@UoM?

- The Institution

- Author(s) and Creator(s)

- End-Users

- The Library

Benefits for the University of Malta

OAR@UoM will:

- showcase the research being created by the University of Malta community

- enhance the visibility and prestige of the institution itself

- preserve the research activities, teaching material, records of events and performances created during the life of the institution

- serve as easy access to the research outputs and sharing of digital documents which are published by the academia

Benefits for author(s)/creator(s)

OAR@UoM will:

- expose their works and thus increase their personal visibility and professional status

- provide OA to their copyright owned material which sometimes is difficult to retreive

- provide long term preservation and accessibility with a persistent URL (that will never change)

- increase the collaboration and the sharing of research between local and foreign scholars

Benefits for the end-users

OAR@UoM will:

- provide access to full-text articles and material which is not available through any other channels, particularly unpublished works such as dissertations, conference proceedings and grey literature

- contribute significant information for literature reviews and scholarly research
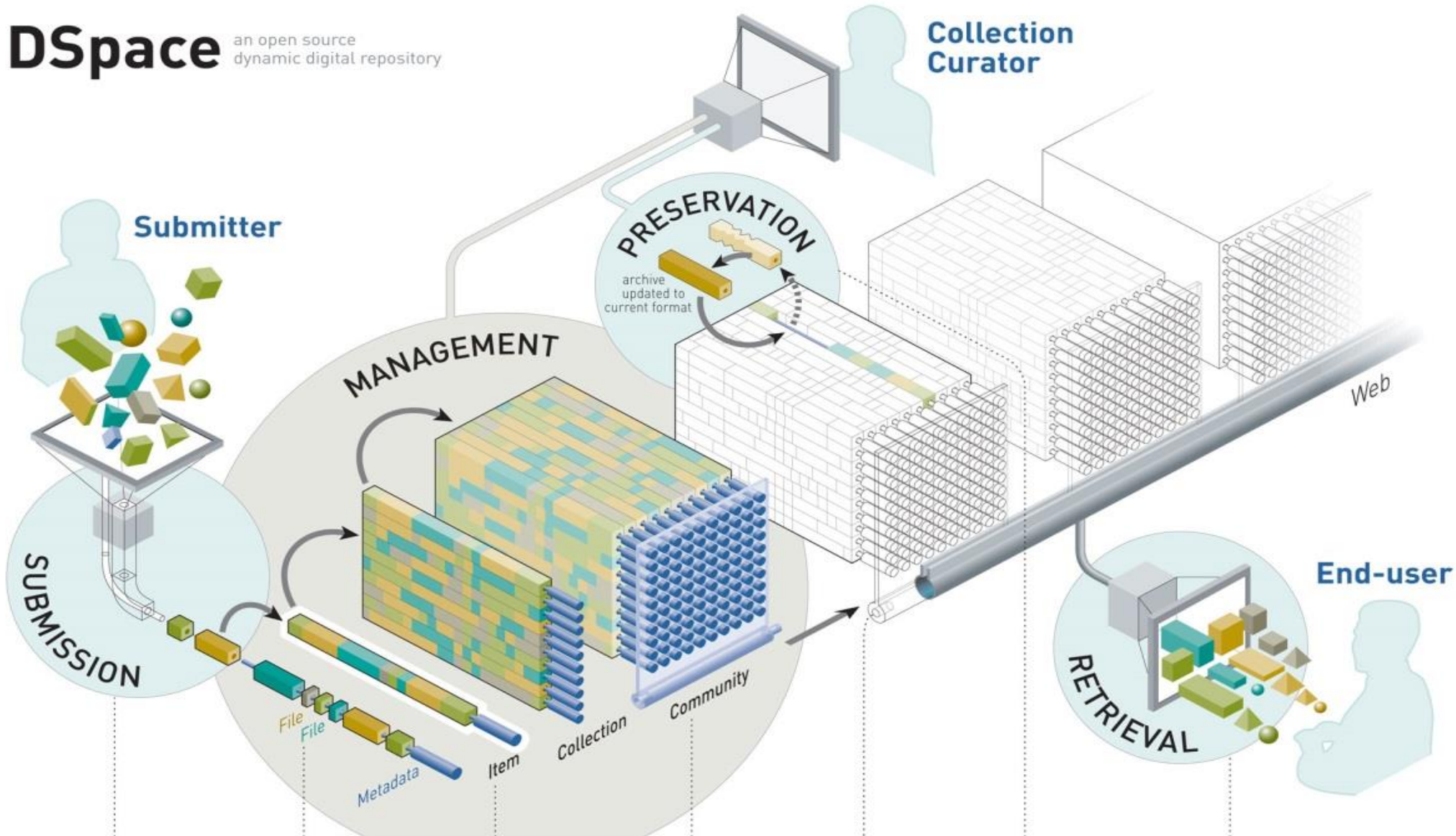
Benefits for the Library

OAR@UoM will:

- expand the access and visibility of the Library collections, thus adding values to the Library's profile

- promote the Library's role as the dissemination of information and the place where the research created becomes knowledge

- bridge the gap between the University, the end-user and researcher

- enhance the discoverability of scholarly research through interoperability by managing the creation of metadata

- increase the communication between Library staff, academics and administrators

- boost the participation of the University's community, promotes its achie and enhances the overall performance

FOSTER

University of Malta
L-Università ta' Malta

DSpace
an open source dynamic digital repository

Collection Curator

Submitter

PRESERVATION

archive updated to current format

MANAGEMENT

Web

SUBMISSION

End-user

File
File

Metadata

Item

Collection

Community

RETRIEVAL

1 Web-based interface makes it easy for a submitter to create an archival item by depositing files. DSpace was designed to handle any format from simple text documents to datasets and digital video.

2 Data **files**, also called bitstreams, are organized together into related sets. Each bitstream has a technical format and other technical information. This technical information is kept with the bitstreams to

3 An **item** is an "archival atom" consisting of grouped, related content and associated descriptions (**metadata**). An item's exposed metadata is indexed for browsing and searching. Items are organized into **collections** of logically-related material.

4 A **community** is the highest level of the DSpace content hierarchy. They correspond to parts of the organization such as departments, labs, research centers or schools.

5 DSpace's modular architecture allows for creation of large, multi-disciplinary repositories that ultimately can be expanded across institutional boundaries.

6 DSpace is committed to going beyond reliable file preservation to offer **functional preservation** where files are kept accessible as technology formats, media, and paradigms evolve over time for as many types of files as possible.

7 The end-user interface supports browsing and searching the archives. Once an item is located, Web-native formatted files can be displayed in a Web browser while other formats can be downloaded and opened with a suitable application program.

Visual Explanation by **Dynamic Diagrams**

How does the OAR@UoM work?

Communities

- The OAR@UoM content is organized around Communities which correspond to the University of Malta entities such as faculties, institutes, centres, schools and administrative entities.

- Within each Community there can be an unlimited number of Sub-Communities and an unlimited number of Collections.

- Each Collection may contain an unlimited number of items. This organisation gives OAR@UoM the flexibility to accommodate differing needs of Communities.

Searching

- One can retrieve material through different search engines including OAR@UoM, HyDi, Google and Google Scholar.

- To search all of OAR@UoM, use the search box at the top right hand corner.

- To limit your search to a specific community or collection, navigate to that community or collection and use the search bar on that page.

University of Malta
L-Università ta' Malta
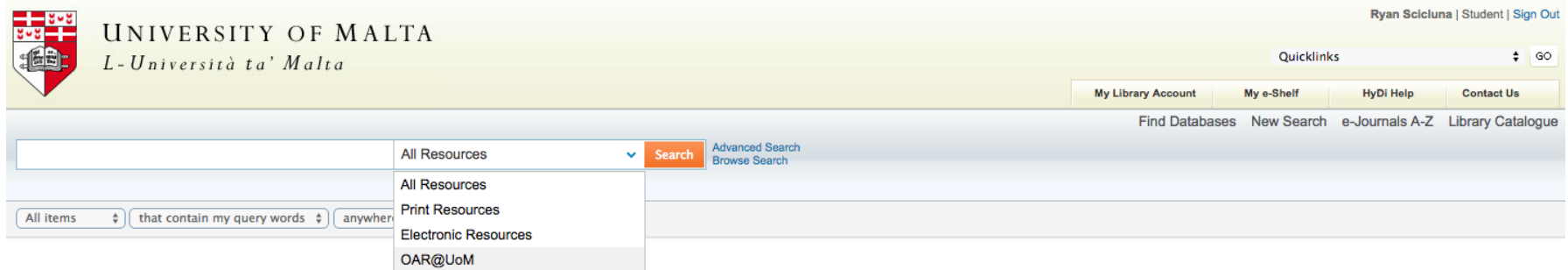
Searching – Browsing

Browse allows you to go through a list of items in some specified order:

- **browse by Community/Collection** takes you through the communities in alphabetical order and allows you to see the sub-communities and collections within each community
- **browse by Title** allows you to move through an alphabetical list of all titles of items on OAR@UoM
- **browse by Author** allows you to move through an alphabetical list of all authors of items on OAR@UoM
- **browse by Subject** allows you to move through an alphabetical list of subject headings assigned to items on OAR@UoM
- **browse by Date** allows you to move through a list of all items in OAR@UoM in reverse chronological order
- **browse by Type** allows you to move through a list of all the types of material available on OAR@UoM

Searching

OAR@UoM can also be searched using HyDi.

Submitters

Content authors/creators will be able to deposit material in two ways:

- mediated deposit (assisted by the OAR Team)

- self deposit (submitted directly by the author/creator on OAR@UoM using the online submission form)

FOSTER

University of Malta
L-Università ta' Malta

Who can deposit?

- Academics

- Support Staff

on behalf of academics	approval form* to be included with each item (eg. article, etc.) deposited	signed by the respective academic
own work (to be included within Departmental Collection)	approval form* to be included with each item (eg. article, etc.) deposited	signed by an academic from the Department
on behalf of Department	approval form* to be included with each item (eg. article, etc.) deposited	signed by Head of Department

- Students

own work (to be included within Departmental Collection)	approval form* to be included with each item (eg. article, etc.) deposited	signed by Supervisor (from the Department)

- Other

non-UoM researchers submitting to External Research Collection	approval form to be included with each item (eg. article, etc.) deposited	signed by a scholar/researcher in the field
journal editors who wish to have material deposited on their behalf on OAR@UoM	approval form to be included with each item (eg. article, etc.) deposited	a separate form needs to be filled in for each person submitting on their behalf

*forms will only be accepted if printed on departmental letterheads, signed and sent electronically with the item to deposit

FOSTER

Copyright

- It is important for submitters to make sure that they have cleared any copyright issues with publishers before submitting on OAR@UoM.

- Submitters are responsible for the material uploaded on OAR@UoM.

- For more information regarding copyright issues please refer to the OAR@UoM copyright policies found at:

  http://www.um.edu.mt/library/about/oar@uom_policies

  or refer to Dr. Ruth Baldacchino, Legal Executive, University of Malta

  on 2340 3309 or send her an email at: ruth.p.baldacchino@um.edu.mt

FOSTER

For any questions about OAR@UoM
please contact the
OAR Team

Telephone: 2340 2541
Email: oar.lib@um.edu.mt