



5th Transnational Meeting

28th & 29th May 2020

Online due to COVID-19

Amsterdam, The Netherlands





IO2: BASE Digital Repositories

Not much has changed since 4th
Transnational Meeting in October 2019

Presenters:

Assoc. Prof. Eleni Mangina





Objective

To provide the best options available for building, maintaining and aggregating digital repositories for BASE using the open-source tools available.





Description of IO2:

- The BASE repository will provide the Internet users with high quality contents about the application of PBS at school using the Information Communication Technologies.
- The contents of the repository will be available for at least 5 years at the end of the project, trying to constitute an important knowledge base on the Internet about the application of the PBS in European schools with the support of the BASE application, developed during the project. **P8** will select the technological solution and for setting up the repository. The collection of multimedia products will be assigned by P8 to partners according to the ongoing project activities.
- The contents released as OER will be released according to the following methodology: the use of an open license for the contents produced (such as Creative Commons); the use of file formats that are usable by most of the devices on the market; the subdivision of the materials in tiny reusable modules. The contents released as open data will be structured and published online according to the best practices defined by the W3C.
- The repository will include the following materials:
 - data gathered at school through the BASE application about a variety of measures and gathered in many contexts (see IO5);
 - the collection of good practices gathered during the project released as Open Educational Resources (see IO3);
 - a reasoned collection of multimedia contents as described in IO3.





Timeframe

01-09-2017 --> 31-08-2020

- **PARTNERS:**
 - ADD INFORMATION SERVICES
 - INSTITUTO POLITECNICO DO PORTO
 - STICHTING VU
 - Fundatia de Abilitare Speranta





What is a repository

- A collection of digital objects, a keep safe
- Typically containing research papers, learning materials, data

Characteristics of a repository

- **content** is deposited
- **content** is managed as well as the **metadata**
- minimum **services** e.g. put, get, search, access control
- should be **sustainable** and trusted, well-supported and **well-managed**
- could support **open access** to content and / or metadata
- may require authentication (many learning materials repositories)

COMPARISON BETWEEN REPOSITORIES

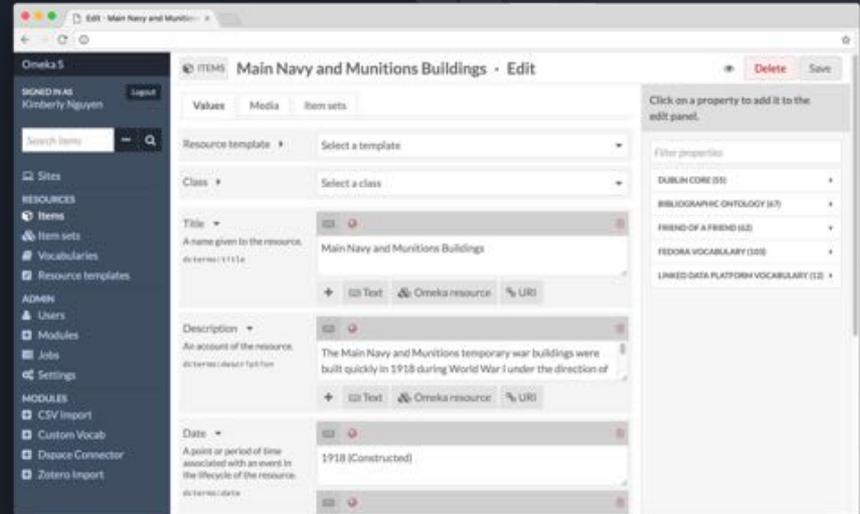
Image	Implementation	Cost	Platform	Install Level	UI	API
	Server Download	FREE	Linux, WIN, MAC	Moderate	WEB/Moderate	YES
	Server Download	FREE	Linux, WIN, MAC	Complex	Web/Moderate	YES
	Server Download	FREE	Linux, WIN, MAC	Simple	Web/Simple	YES

OMEKA

Open source content management system for online digital collections. As a web application, it allows users to publish and exhibit cultural heritage objects, and extend its functionality with themes and plugins.

A **lightweight solution** in comparison to traditional institutional repository software like DSpace and Fedora.

Omeka has a focus on display and uses an unqualified **Dublin Core** metadata standard



Source: <https://omeka.org/>



Omeka : Features

- Publish archives, collections, exhibits, teaching materials; and provide ways for the public to interact with your sites.
- Its “five-minute setup” makes launching an Omeka site as easy as launching a blog.
- Strong community of documentation and support
- Stores all types of files, including images, video, audio, multi-page documents and PDFs, etc.
- Enter or import item metadata once, and use items and metadata in multiple instances across website.



Source: <https://omeka.org/files/docs/Featurelist.pdf>

Source: <http://base.ucd.ie/about>

OMEKA



The screenshot shows the BASE digital repository website. At the top right, there are links for 'Login' and 'Register'. The main header features the BASE logo, which consists of a stylized purple and blue figure next to the word 'BASE' in large blue letters. Below the logo, there is a navigation menu with links for 'About', 'Browse Items', 'Collection Tree', and 'Contact Us'. The 'About' page is currently selected, displaying the title 'About' and a paragraph of text. Below the text is a search bar with a magnifying glass icon. At the bottom of the page, there is a footer containing a detailed description of the repository and its partners.

Home » About

About

The BASE repository will provide the Internet users with high-quality contents about the application of PBS at school using the Information Communication Technologies. In particular, the repository will include the following materials:

- Data gathered at school through the BASE application about a variety of measures and gathered in many contexts.
- The collection of good practices gathered during the project released as Open Educational Resources.
- A reasoned collection of multimedia contents...

The BASE repository provides the Internet users with high quality contents about the application of PBS at school using the Information Communication Technologies. In particular the repository includes the following materials: data gathered at school through the BASE application about a variety of measures and gathered in many contexts; the collection of good practices gathered during the project released as Open Educational Resources; a reasoned collection of multimedia contents as described in IOS. The contents of the repository will be available for at least 5 years after the end of the project, in order to constitute an important knowledge base on the Internet about the application of the PBS in European schools with the support of the BASE application, developed during the project. **Partners contributing to BASE digital repository:** University College Dublin; ADOHS; Instituto Politécnico do Porto; STICHTING VU; Fundação de Abilidade Especial

Proudly powered by Omeka.

How to change your BASE Repository Password



Step 1: go to BASE website using this link:
<http://base.ucd.ie/admin/users/login> (Clickable)

Step 2: Key in your provided Username & Password:



Step 3: Click you your full name on the top right of the webpage.

Step 4: Click on “Change Password”

Step 5: Type you desired password twice and click “Save Password” on the green button. DONE!



How to sign in and submit/upload repositories to BASE website

V 1.1

Step 1: go to BASE website using this link: <http://base.ucd.ie/admin/users/login> (Clickable)

Step 2: Key in your provided Username & Password:

base.ucd.ie/admin/users/login

Omeka

BASE Digital Repository

Username*

Password*

Remember Me? **← Recommended to click here for browser to remember your details**

Log In

(Lost your password?)

Powered by Omeka | Version 2.6.1

Only click it if you already changed to your desired password

Step 3: Once you sign in you will reach the “Dashboard” page. Click on the “Items” tab on the left:

BASE Digital Repository

Plugins Appearance Users Settings Welcome, Rick Nassar Log Out

Dashboard

1 item 15 collections 2 tags 19 plugins 2 users Thanks, Roy theme

Recent Items

Method for Good Practices Collection [Edit](#)

[Add a new item](#)

Recent Collections

Methodological Notes for Good Practices Collection [Edit](#)

Behavioral Interventions [Edit](#)

Cooperative approaches among peers [Edit](#)

Individualized approaches to Educational Curricula [Edit](#)

Empowering the Students [Edit](#)

[Add a new collection](#)

Powered by Omeka | [Documentation](#) | [Support Forums](#) Version 2.6.1 | [System Information](#)

Step 4: To add new Item (Repository), click on green button “Add an Item”:

The screenshot displays a web interface for managing digital items. On the left is a dark sidebar with navigation links: Dashboard, Items, Collections, Item Types, Tags, Single Pages, Batch Upload, Bulk Editor, Import, Collection Tree, Comments, Manage elements, and Item Duplicate Check. The main area is titled 'Browse Items (1 total)' and includes a search bar. Below the title are buttons for 'Add an Item' (highlighted with a red box), 'Show Details', 'Search Items', and 'Quick Filter'. A table shows one item: 'Method for Good Practices Collection (Private)' by 'Support Unit for School Inclusion, Porto Polytechnic Institute', added on 'Aug 20, 2018'. The table has columns for Title, Creator, Type, and Date Added. At the bottom, it says 'Powered by Omeka' and 'Version 2 & 1 | System Information'.

Title	Creator	Type	Date Added
Method for Good Practices Collection (Private) Details - Edit - Delete	Support Unit for School Inclusion, Porto Polytechnic Institute	Dataset	Aug 20, 2018

Step 5: Fill out the relevant details for every repository item. Once you are done, you can upload the document to “Files” tab highlighted in the image below:

BASE Digital Repository

Plugins Appearance Users Settings Welcome

Add an Item

Dublin Core Item Type Metadata **Files** Tags

Dublin Core

The Dublin Core metadata element set is common to all Omeka records, including items, files, and collections. For more information see, <http://dublincore.org/documents/dces/>.

Title A name given to the resource

Use HTML

Description An account of the resource

Use HTML

Public

Collection

- Dashboard
- Items
- Collections
- Item Types
- Tags
- Simple Pages
- Batch Upload
- Bulk Editor
- Import
- Collection Tree
- Comments
- Manage elements
- Item Duplicate Check

Step 5.1: Upload the documents by clicking “Choose File”. You can add multiple files to the Item by clicking “Add Another File”.

The screenshot displays the 'Add an Item' interface in Omeka. On the left is a dark sidebar with navigation links: Dashboard, Items (highlighted), Collections, Item Types, Tags, Simple Pages, Batch Upload, Bulk Editor, Import, Collection Tree, and Comments. The main content area is titled 'Add an Item' and has tabs for 'Dublin Core', 'Item Type Metadata', 'Files' (selected), and 'Tags'. Below the tabs is a 'Files' section with the heading 'Add New Files'. A note states 'The maximum file size is 2 MB.' There are two 'Find a File' sections, each containing a 'Choose File' button and the text 'No file chosen'. A green 'Add Another File' button is located below the second 'Find a File' section. Red arrows point to the 'Choose File' button in the first section with the text 'Click here to upload a file.', and to the 'Add Another File' button with the text 'Click here to be able to add another file.' At the bottom of the page, it says 'Powered by Omeka | Documentation | Support Forums'.

Step 5.2: Choose your metadata type from the dropdown menu:

The screenshot displays the 'Add an Item' page in Omeka. On the left is a dark sidebar with navigation links: Dashboard, Items, Collections, Item Types, Tags, Simple Pages, Batch Upload, Bulk Editor, Import, Collection Tree, Comments, Manage elements, and Items Duplicate Check. The main content area is titled 'Add an Item' and features tabs for 'Dublin Core', 'Item Type Metadata', 'Files', and 'Tags'. The 'Item Type Metadata' tab is active and highlighted with a red box. Below the tabs, the 'Item Type' label is followed by a dropdown menu, also highlighted with a red box. The dropdown menu is open, showing a list of metadata types: Select Below, Dataset, Email, Event, Hyperlink, Interactive Resource, Lesson Plan, Moving Image, Oval History, Person, Physical Object, Service, Software, Sound, Still Image, Text, and Website. The 'Select Below' option is currently selected. To the right of the main content area, there are additional settings including a 'Public' checkbox and a 'Collection' dropdown menu with 'Select Below' as the current selection. At the bottom of the page, it says 'Powered by Omeka | Documentation' and 'Version 2'.

Step 5.3: Recommended to add “Tags” to the items for easier allocation:

The screenshot displays the 'Add an Item' interface in Omeka. On the left is a dark sidebar with navigation links: Dashboard, Items, Collections, Item Types, Tags, Simple Pages, Batch Upload, Bulk Editor, Import, Collection Tree, and Comments. The main content area is titled 'Add an Item' and features a breadcrumb trail: Dublin Core > Item Type Metadata > Files > Tags. The 'Tags' tab is highlighted with a red box. Below the breadcrumb, the 'Tags' section contains an 'Add Tags' label and an input field, both enclosed in a red box. Underneath the input field is the text 'Separate tags with:'. A green 'Add Tags' button is positioned below this text, with a red arrow pointing to it from the text 'You can add more tags by clicking here..'. At the bottom of the page, there is a footer with the text 'Powered by Omeka | Documentation | Support Forums'.

Step 5.4: On the right of the webpage choose the relevant “Collection” dropdown list. Click the “Public” option on top of the Collection:

BASE Digital Repository

Plugins Appearance Users Settings Welcome, Rick Nassar Log Out

Add an Item

Dublin Core Item Type Metadata Files Tags

Dublin Core

The Dublin Core metadata element set is common to all Orsoka records, including items, files, and collections. For more information see: <http://dublincore.org/documents/dcs/>

Title
A name given to the resource

Use HTML

Description
An account of the resource

Use HTML

Add Items

Public Featured

Collection

Select Below

- School management and policy
 - School Values and Behavioral Expectations
 - Disciplinary Procedures
 - Students' Sense of Identity and Belonging to School
 - Teachers and Parents Support
- Collaboration Practices
 - Team Culture and Dynamics
 - Parents' Involvement
 - Assessment and Intervention Methods
- Classroom Practices
 - Empowering the Students
 - Individualized approaches to Educational Curricula
 - Cooperative approaches among peers
 - Behavioral Interventions
- Methodological Notes for Good Practices Collection

Step 6: Click “Add Item” green button on the right of the webpage:

The screenshot shows the Omeka administration interface. On the left is a dark sidebar with navigation links: Dashboard, Items, Collections, Item Types, Tags, Simple Pages, Batch Upload, Bulk Editor, Import, Collection Tree, and Comments. The main content area is titled "Add an Item" and has a search bar in the top right. Below the title are tabs for "Dublin Core", "Item Type Metadata", "Files", and "Tags". The "Dublin Core" tab is active. The text below the tabs reads: "The Dublin Core metadata element set is common to all Omeka records, including items, files, and collections. For more information see, <http://dublincore.org/documents/dces/>".

There are two input sections. The first is for "Title" with the description "A name given to the resource:" and a text input field. A green "Add Input" button is located to the left of the input field. Below the input field is a "Use HTML" checkbox. The second section is for "Collection" with a dropdown menu currently showing "Select Below".

A prominent green "Add Item" button is located on the right side of the page, enclosed in a red rectangular box. Above this button are the status options "Public" and "Featured".

You can now be able to review your submission on the “Items” Dashboard.

- Dashboard
- Items
- Collections
- Item Types
- Tags
- Simple Pages
- Batch Upload
- Bulk Editor
- Import
- Collection Tree
- Comments
- Manage elements
- Item Duplicate Check

Browse Items (1 total)

[Add an item](#) [Show Details](#) [Search items](#) [Quick Filter](#)

Select all 1 results 0 items selected [Edit](#) [Delete](#)

<input type="checkbox"/>	Title	Creator	Type	Date Added
<input type="checkbox"/>	 Method for Good Practices Collection (Private) Details - Edit - Delete	Support Unit for School Inclusion, Porto Polytechnic Institute	Dataset	Aug 20, 2018

Select all 1 results 0 items selected [Edit](#) [Delete](#)

[Add an item](#) [Show Details](#) [Search items](#) [Quick Filter](#)

Output Formats: [atom](#), [dc-rdf](#), [dcmes+xml](#), [json](#), [omeka+xml](#), [rss2](#)



DISCUSSION ITEMS:

- Current status of BASE digital repository and project timeline
- Metadata
- Sharing the data with other digital repositories
- Including PBIS content to our repository

Current status of BASE Digital repository

October 2019

May 2020



Browse Items (56 total)

Report: Algorithm of BASE application

The resource is a report of the activities performed by Unipa Unit during the BASE project for the production of the algorithm to analyse data collected through the BASE application

- Collaboration Practices
 - Team Culture and Dynamics
 - Parents' Involvement
 - Assessment and Intervention Methods
- Classroom Practices
 - Empowering the Students
 - Individualized approaches to Educational Curricula
 - Cooperative approaches among peers
 - Behavioral Interventions
- Good Practices Collection
 - Methodological Notes
 - Interview to School Representatives
 - Examples of resources
- BASE project resources
 - Meeting presentations
 - Publications and reports
 - Webinar #1 Supporting Positive Behavior Supports: the Basics
 - Positive Behaviour Intervention & Support learning resources



Browse Items (48 total)

Dutch- Special Primary Education and Secondary Special education, cluster 4

Dutch- Special Primary Education and Secondary Special education, cluster 4



Browse Items

Method **Good Practices Collection Kick off meeting Presentation** UK Turkey Romania Ireland Netherlands Portugal base erasmus erasmus+ Çubuk Yıldırım Beyazıt Çubuk Yıldırım Beyazıt High School Çubuk Yıldırım Beyazıt High School Aşağı Çarvınlar Çubuk Aşağı Çarvınlar Primary and Secondary School Çubuk Aşağı Çarvınlar Primary and Secondary School.103 Primary and Secondary School coassess school interview school historic school class fundatia de abilitare spozenta base prize

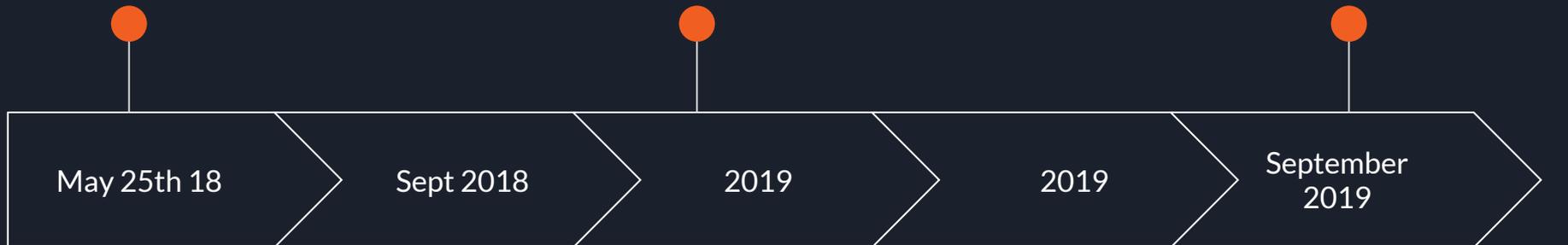
Timeline

Decide on the Digital repository platform

Collect Repository Data

Finalize Repository Data & Publish

OMEKA Classic!!!



Develop the Public Domain Website

<http://base.ucd.ie/>
Collect Repository Data

Fine tune the data and final repository website

Collect Repository Data

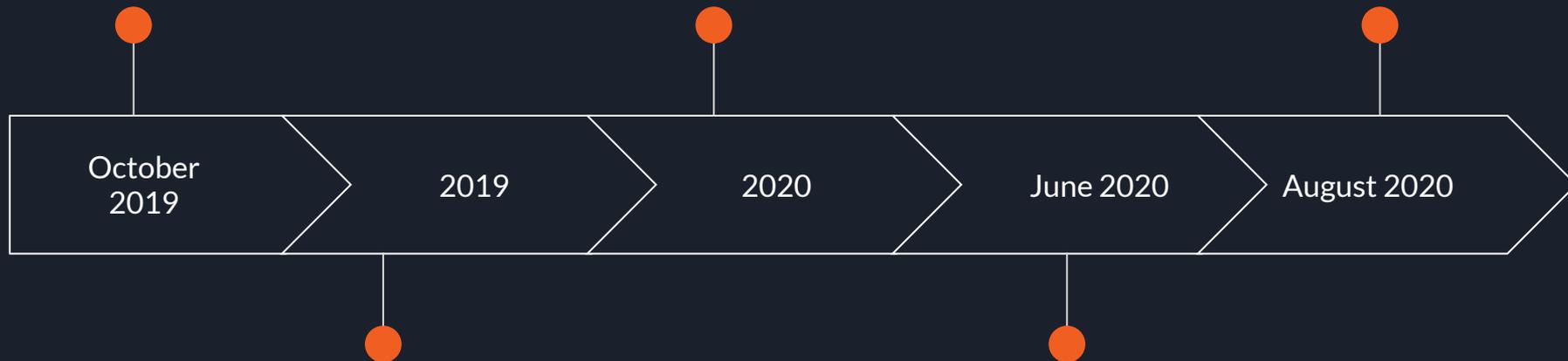


Timeline

Collect Repository Data

Collect Repository Data

Reporting on
BASE Digital
repository



Collect Repository Data

Deadline for final entries
to BASE repository from
partners

Collect Repository Data



Metadata

Currently in use: Dublin Core metadata.

Requirement: From partners to agree and then provide the base elements to the collections (i.e. Title, Subject, Description, etc.)

Partners need to identify the type of metadata the digital repository should support

CNR: http://lrmi.dublincore.org/specifications/lrmi_terms/

<http://acva2010.cs.drexel.edu/omeka/items/show/6634>

(LRMI in DCMI)

Adding more metadata:

<https://omeka.org/forums-legacy/topic/adding-more-metadata-fields/>

The screenshot shows the 'Add a Collection' interface in Omeka. At the top, there is a header 'Add a Collection' and a 'Dublin Core' tab. Below the tab, the text reads: 'Dublin Core' and 'The Dublin Core metadata element set is common to all Omeka records, including items, files, and collections. For more information see, <http://dublincore.org/documents/dces/>.' The form contains three main sections: 'Title' with a description 'A name given to the resource', 'Subject' with 'The topic of the resource', and 'Description' with 'An account of the resource'. Each section has a green 'Add Input' button and a 'Use HTML' checkbox.

LEARNING RESOURCE METADATA INITIATIVE :: LRMI TRANSFERS STEWARDSHIP

CONTINUING EDUCATION ON NEW DATA
STANDARDS & TECHNOLOGIES

[Browse items](#) [About](#) [People](#)

LEARNING RESOURCE METADATA INITIATIVE :: LRMI TRANSFERS STEWARDSHIP

Go to the resource directly at <http://www.lrmil.net/lrmi-transfers-stewardship>

LINKED DATA

Subject

.

Creator

[Lrmi staff](#)

DUBLIN CORE

Title

Learning Resource Metadata Initiative :: LRMI Transfers Stewardship

Description

Effective October 23, 2014, leadership and governance of the Learning Resource Metadata Initiative (LRMI), an education metadata project developed to improve discoverability and delivery of learning resources, have transferred from the Association of Educational Publishers and Creative Commons to the **Dublin Core** Metadata Initiative (DCMI).

This long-planned transfer represents a logical next step for the LRMI since the project has reached the end of its initial scope of work. DCMI will take the leadership role in advancing the project into its next phase with AEP and CC engaged as active LRMI community members.

Effective October 23, 2014, leadership and governance of the Learning Resource Metadata Initiative (LRMI), an education metadata project developed to improve discoverability and delivery of learning resources, have transferred from the Association of Educational Publishers and Creative Commons to the Dublin Core Metadata Initiative (DCMI).

<http://acva2010.cs.drexel.edu/omeka/items/show/6634>



DECISION

We also suggested to use the website www.pbis.org to select screening tools. At this website there is a large amount of screening tools available: <http://pbiscatalog.res.ku.edu/>, in the top right corner there is a search box, type “screening” in the box.

What we need from IO3 & IO5 leaders to send us the type of digital repositories that are needed to be included plus any metadata information.

Will the repository be hosted in the main web site server or shall we create base.ucd.ie?

ALL Digital repositories will be public?

Can we take information from PBIS.org website?



Actions accomplished since January 2019

Plan and accomplished since last meeting :

- ★ BASE website template shared for uniformity
- ★ One name per partner associated with sending the repositories to IO2 leader (until November 2018 → after that meeting partners to get their login for uploads).
- ★ Showcase the access to the Digital repository to IO3 and IO5 members
- ★ June 2018 release to all partners of the BASE digital repository
- ★ Accounts set up and access from all BASE partners for IO3 and IO5 content
- ★ 56 digital content has been added to the repository
- ★ Research on digital repository metadata information and sharing with other open source repositories
- ★ **Continue to upload content on BASE digital repository**
- ★ **Identification of which material from pbis.org website we can re-use (Please advice)**



Partners can still contact us with further information on the items below:

What is being and what should be preserved?

What are the costs, benefits and risks associated with preservation?

What roles and responsibilities are there in preservation?

For how long are the materials to be preserved?

Where are the repositories, how can material be placed in them and how can the material be accessed?

What are the detailed requirements needed from the Repository platform



Partners can still contact us with further information on the items below:

Interpreting Dublin Core Fields to Omeka

https://omeka.org/classic/docs/Content/Working_with_Dublin_Core/

What type of metadata would you like us to include in the repository?

http://lrmi.dublincore.org/specifications/lrmi_terms/

Adding more metadata:

<https://omeka.org/forums-legacy/topic/adding-more-metadata-fields/>

Who will have access to the Digital Repository for uploading resources?





OMEKA Data Sharing & Internationalization

Data Sharing

- Share your Omeka Classic data through a variety feeds including Atom, DCMES-XML, JSON, and RSS2. With Dublin Core Extended plugin, RDF output is also available.
- Every Omeka Classic site has a REST API enabled which makes your Omeka Classic data discoverable by outside applications.

Internationalization of Omeka Classic Code

- Translations available in dozens of languages and anyone may submit new translations.

RDA Alliance - Info for partners

<https://www.rd-alliance.org/>



With close to 6,900 members from 137 countries (April 2018), RDA provides a neutral space where its members can come together through focused global Working and Interest Groups to develop and adopt infrastructure that promotes data-sharing and data-driven research, and accelerate the growth of a cohesive data community that integrates contributors across domain, research, national, geographical and generational boundaries.



End of IO2 updates ...

Any questions?





E5 Multiplier Event “Behavioural Hackathon Day (BHD)”

DATE TBC (July 2020) **ONLINE**

Assoc. Prof. Dr. Eleni Mangina, Scientific
Responsible

Anastasia Pyrini, Project Manager, Assistant
Researcher

George Sarrigeorgiou, Teacher/Assistant





E5 Programme (Synchronous)

09:00 – 10:00

The BASE Project (Synchronous)

Ass. Prof. Dr Eleni Mangina, NUID UCD

10:00 – 11:00

The BASE Application Functionalities (Synchronous)

Anastasia Pyrini, Teacher/Researcher, UCD

11:00 – 11:30

Coffee Break

11:30 – 12:30

The seven principles of UX Design (Synchronous)

Ass. Prof. Dr Eleni Mangina, UCD

12:30 – 13:30 *Lunch Break*

13:30 – 16:00

Hackathon

Ass. Prof. Dr Eleni Mangina, UCD

Please send your A4 by email to:

eleni.mangina@ucd.ie

16:00 – 17:00

Discussion – Conclusions (Synchronous)

Anastasia Pyrini, Teacher/Researcher, UCD





BASE

Behavioral Assessment to Improve School Environment

Thank you

