

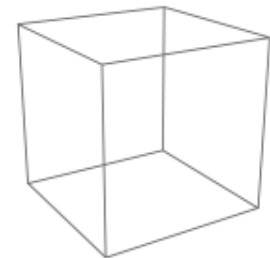
The logo for Digital Humanities Open Educational Resources (DHOOER). The letters "DH" are stylized as a grid of colored squares and semi-circles. The letters "OOER" are in a simple, grey, rounded sans-serif font.

[Open Educational Resources  
for the Digital Humanities](#)



## Overview

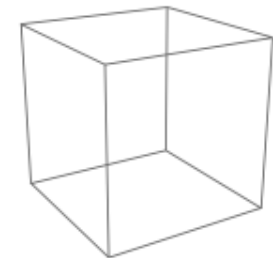
- Digital Humanities – method or discipline?
- UCL take on Digital Humanities
- Open Education Resources in DH
- Changing practices



# Digital Humanities

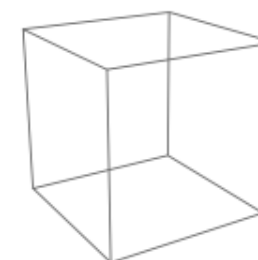


- Intersection of digital technologies with humanities and cultural heritage
- Objects of study: texts, images, film, sound, performance, 2D and 3D objects ...
- Aims: to produce computational applications and models which make possible new kinds of knowledge
- To study the impact of these new techniques on cultural heritage, memory institutions and (digital) culture
- a.k.a. 'Humanities Computing' or 'e-Humanities'



## Some questions for DH research

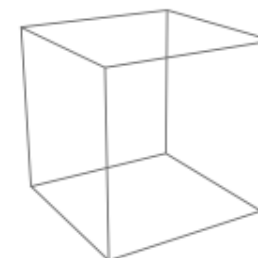
- What new tools, applications and models can be created to facilitate new ways of interacting with humanities resources, and why have so many previous tools failed to be adopted?
- How should digital resources be created and organised so as to be most easily interrogated?
- How should digital objects be managed and preserved so as to ensure effective access and use?
- What kind of use is made of digital resources? What do their users need? Can we encourage re-use once they are created?



## Some questions for DH (ctnd.)

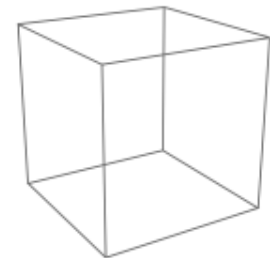


- What financial models and practices can support the creation and maintenance of such resources, so as to ensure long-term sustainability?
- How can we apply and refine emergent techniques such as 3D scanning and modelling, large-scale data mining or grid computing to research in the humanities?
- How do physical and digital objects relate to each other and enrich the user-experience of libraries, museums, digital art or literature?

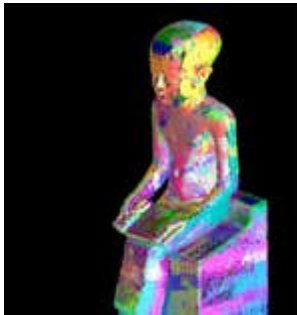


## A growing field

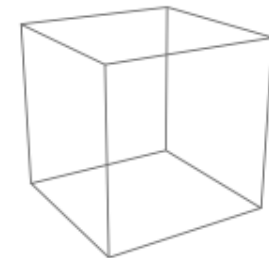
- Cultural heritage sector (libraries, archives, museums ...)
- Need to provide and manage content
- Strategic key funding area (e.g. AHRC, EPSRC)
- Recognition of the importance of the technologies and more general intellectual issues dealt with by the Digital Humanities



## UCL Centre for Digital Humanities

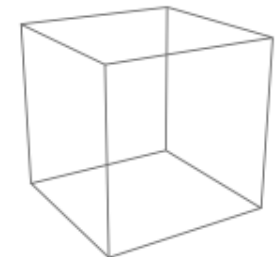


OPEN  
EDUCATIONAL  
RESOURCES  
FOR THE  
DIGITAL  
HUMANITIES



- university-wide initiative
- unique environment within UCL
- potential of the Arts & Humanities to challenge and inspire technology research
- capitalising on UCL's interdisciplinary expertise in Information Studies, Computer Science, and the Arts & Humanities

## The UCL take on DH



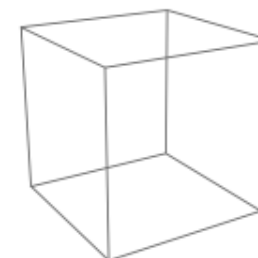
- Inclusive approach
- Hub of a network, bringing together researchers interested in the application of digital technologies to research problems in the A&H and cultural heritage sectors across UCL, including Library Services, Museums & Collections, and Research Computing
- UCLDH benefits from facilities and artefacts ranging from rare books, original artwork and museum objects to high performance computing and 3D scanning
- Close collaborations with organisations outside of UCL



## What we do: Research




- Research on a wide variety of topics in digital humanities
- co-sponsor external digital humanities research forums, e.g. Digital Classicist and the London Seminar in Digital Text & Scholarship.
- Collaboration with cultural heritage organisations beyond UCL, such as the British Museum and the British Library
- Organising workshops and fostering new research collaborations.



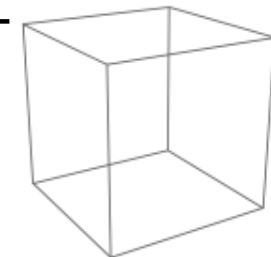
## What we do: Events

**Painless Introductions Series**  
 12.30 – 13.30  
 Room G31, Foster Court

Brief lunchtime talks to introduce researchers to basic concepts and techniques in **Digital Humanities**. They are an informal and entertaining opportunity to make questions and discussion on a topic you are curious about without being mistaken for a geek!



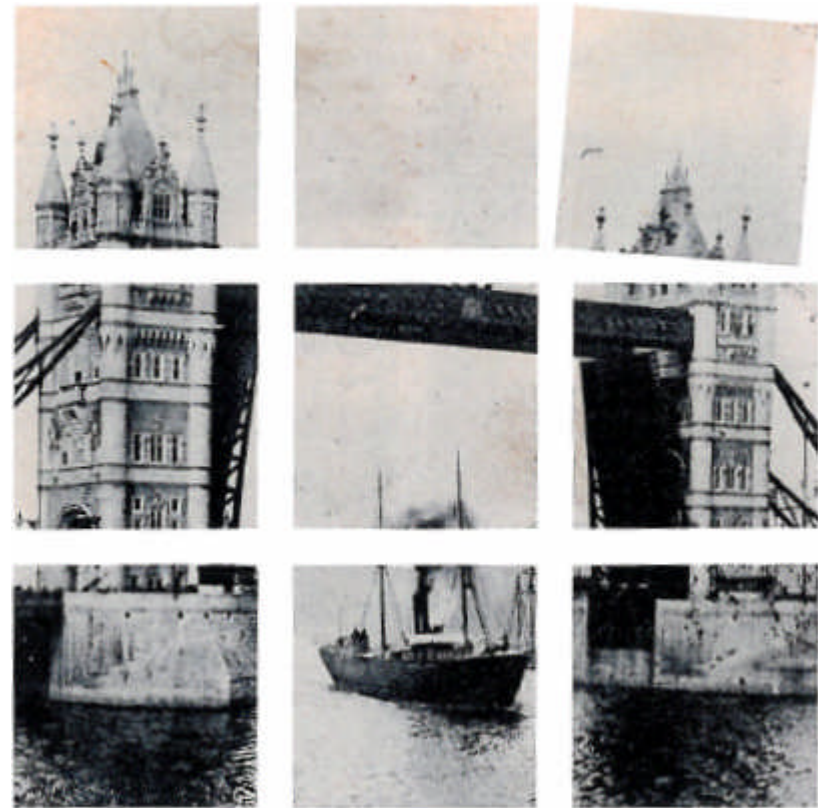
UCL CENTRE  
 FOR DIGITAL  
 HUMANITIES  
<http://ucl.ac.uk/dh>



- **Digital Excursions:** an opportunity to visit different parts of UCL and cultural heritage organisations to find out about digital humanities research and the facilities and equipment available
- **Painless Introductions:** a series of brief seminars designed to introduce researchers to basic concepts and techniques in digital humanities, and the logistics of preparing funding bids for projects
- **Decoding Digital Humanities:** an informal discussion group about all things relating to digital humanities
- **workshops, seminars and meetings:** individual events covering areas such as digital sustainability and the future of reading

## What we do: Teaching & Learning

- A new interdisciplinary degree exploring the intersection of digital technologies, humanities scholarships and cultural heritage
- MA/MSc Digital Humanities, starting in 2011/12
- Substantial amount of the core materials released as Open Educational Resources



### **DIGITAL HUMANITIES MAMSc**

A new interdisciplinary degree exploring the intersection of digital technologies, humanities scholarships and cultural heritage.

[www.ucl.ac.uk/dh/masters](http://www.ucl.ac.uk/dh/masters)

A decorative graphic consisting of a grid of 18 squares, each containing a different pattern. The patterns include geometric shapes, floral motifs, and abstract designs in various colors like brown, green, yellow, and blue. The squares are arranged in a roughly rectangular shape, with some missing in the middle.

UCL

DIGITAL HUMANITIES  
OPEN EDUCATIONAL  
RESOURCES

**OEER**

[ucl.ac.uk/dhoer](http://ucl.ac.uk/dhoer)

## DHOER

- ▶ Home
- ▶ Project News
- ▶ Aims and Objectives
- ▶ Background
- ▶ Project team
- ▶ Contact us

In affiliation with:

- ▶ **UCL Centre for Digital Humanities**

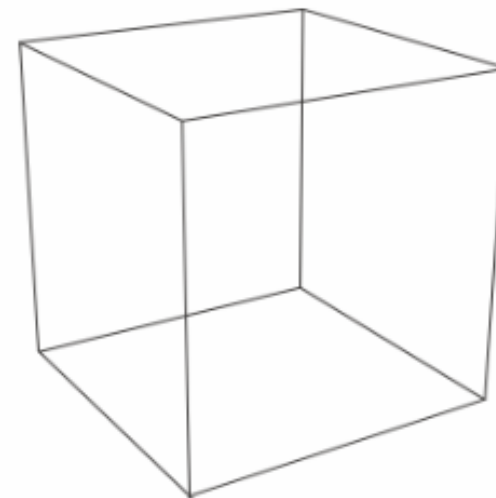
Follow us:

- ▶ **Twitter**

## An Open Educational Repository for the Digital Humanities

The DHOER project is creating Open Educational Resources (OER) from a comprehensive range of introductory materials in Digital Humanities, enriched with multimedia and Web 2.0 components, made freely available to anyone.

As well as supporting the Digital Humanities, the DHOER project will benefit many cognate disciplines, including the whole spectrum of the Arts and Humanities, Cultural Heritage, Information Studies, Library Studies, and Computer Science.



### 5th Bloomsbury Conference: E-Publishing and E-Publications

The UCL Centre for Publishing and the UCL Department of Information Studies are organising the 5th Bloomsbury Conference: E-Publishing and E-Publications, which will focus on 'Social media and the academy: enhancing and enabling scholarly communication'. The emphasis will be on interaction between scholars to increase knowledge and the role of social media to [...]

[▶ Read more...](#)

### The week in digital humanities events at UCL

The following digital humanities

### Project News



#### OER@UCL Launch Event

Date: Wednesday 30 March 2011  
Time: 16:00 - 17:30  
Venue: Foster Court 114 (map below)

[▶ More...](#)

Published: Mar 28, 2011 6:30:49 PM



#### Painless Introduction to OER

In this [Painless Introduction](#) (8 February 2011, 1pm), [Simon Mahony](#) and [Ulrich Tiedau](#) will discuss the promise, potential and challenges presented by new initiatives in the construction and delivery of open educational resources.

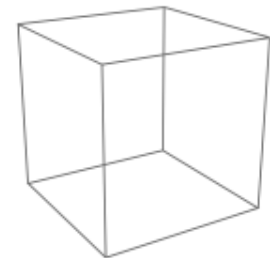
[▶ More...](#)

Published: Jan 31, 2011 6:41:16 PM

## OER Digital Humanities (DHOER)



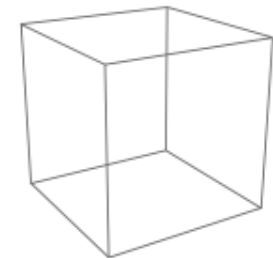
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## OER Digital Humanities (DHOER)



- UKOER II new release strand, HE Academy and JISC funded
- Teaching and learning materials from a range of existing modules
- Introductions into the field, topics and methodology of DH
- Emphasis on the acquisition of practical and professionally relevant skills
- Also looking at the impact of digital resources on society
- User studies



- [Home](#)
- [UCL OER Projects](#)
- [UCL OER Blogs](#)
- [News and Events](#)
- [Join the Mailing List](#)

## UCL OER Projects

A number of UCL projects have gained external funding to develop and release Open Educational Resources.

### DHOER: DIGITAL HUMANITIES OPEN EDUCATIONAL RESOURCES

The **DHOER project** is creating Open Educational Resources (OER) from a comprehensive range of introductory materials in Digital Humanities, enriched with multimedia and Web 2.0 components, made freely available to anyone. As well as supporting the Digital Humanities, the DHOER project will benefit many cognate disciplines, including the whole spectrum of the Arts and Humanities, Cultural Heritage, Information Studies, Library Studies, and Computer Science.

[Find out more...](#)



### CPD4HE: OPEN RESOURCES ON HE TEACHING AND LEARNING

The **CPD4HE project** addresses the need to provide varied and flexible support for the professional development of staff who teach in HE. It will release open educational resources to support professional development with focus on Digital Literacies and Discipline-specific Teaching and Learning. Guidance materials accompanying the resources will show how they map onto the UK Professional Standards Framework and will capture the experiences of educational developers and HE teachers who have used them.

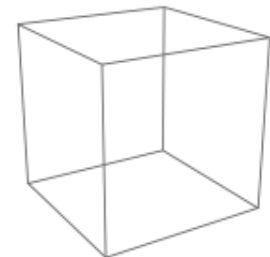
[Find out more...](#)





## DHOER: Digital Humanities OER

- Creating OERs
- Range of teaching materials
- Relevant to Digital Humanities and beyond
- Each available as full module or individual objects

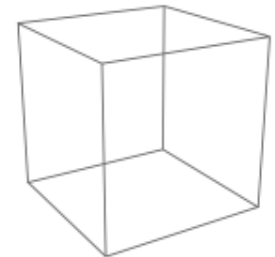


# Packaging teaching resources



## Levels of granulatiy

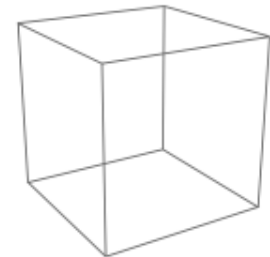
- Full module
- Individual lecture
- Seminar with discussion topics and readings
- Learning objects
- Practical exercises
- Worksheets and handouts



## Examples of teaching resources

Modules packaged as OER:

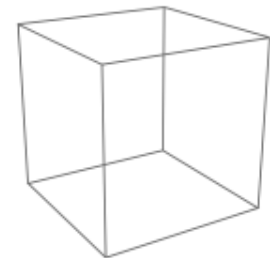
- XML
- Legal & Social Aspects of Electronic Publishing
- Electronic Publishing



## Example: XML module

### Top level of XML:

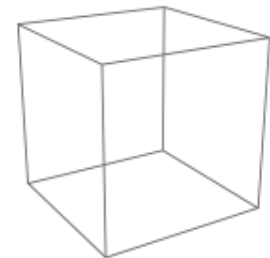
- Teaching modules
- Introductory reading list
- Extensive reading list
- Practical examples
- Exercises



## XML (teaching module)

### Top level of XML 'Teaching module':

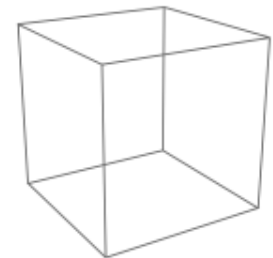
- Origins and role of XML
- Document analysis
- Principles of DTDs
- Oxygen and XML editing
- XML Schemas
- Introduction to CSS with XML and XSL
- Further work with XSL stylesheets
- Other XML standards and applications: RDF etc



## XML (Origins and role of XML)

Top level 'Origins and role of XML':

- What is XML
- Why is it important?
- Where is it used?
- Text or Documents
- Document Structures
  - Elements / Attributes (values)
  - Entities
- Document analysis

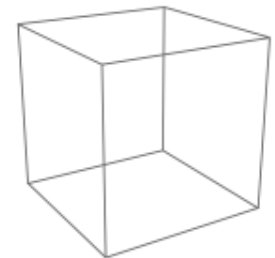


## XML basic reading list



### Examples of introductory readings:

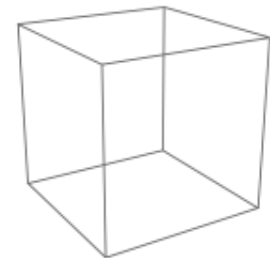
- Digital Humanities
- Digital Literary Studies
- Digital Resources
- Digital Scholarship
- Electronic Publishing



## XML extensive reading list

### Specific categories for the module:

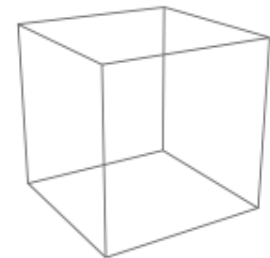
- Technical books
- Articles: Introductions to XML
- Articles: Markup theory
- Web sites: General
- Web sites: Software
- Web sites: Tutorials





## Practical exercises

- 'pen and paper' document analysis
  - Worksheet 1 (PDF document)
  - Recipe 1
  - Recipe 2
  - Recipe 3
- DTD examples
- Validating your files
- XML Schemas
- Using CSS with XML
- XSLT stylesheets

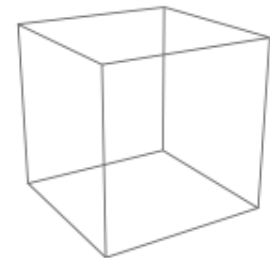


## Some worked examples



### Some specific examples:

- Adding images and links
- Adding CSS
- Recipes worked example with an HTML front page.
- The same examples with html files generated from the xml using xsl

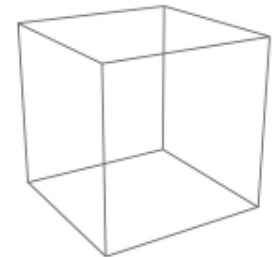


## Module: Legal & Social Aspects of EP



### Top level of Legal & Social Aspects:

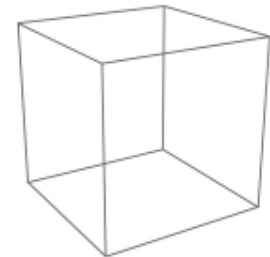
- Lectures
- Seminar topics
- Readings for seminar discussion
- Full reading list
- Exercises



## L&S (lectures)

### Top level of Lectures for L&S:

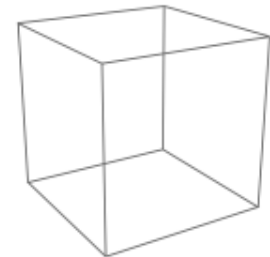
- Introduction to Social Impact of EP
- Virtual Communities and Blogging
- Spatial Literacy and e-Science
- Government Information
- Web usability for people with learning disabilities
- Open Source and Open Access
- Copyright
- Data Protection and Freedom of Information
- Health Informatics
- Libraries in the digital age



## L&S (seminars)

### Introduction to Social Impact of EP

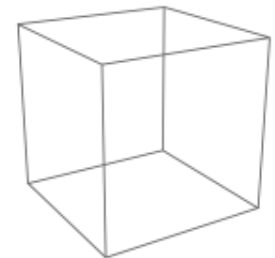
- Readings for discussion
  - Reading 1
  - Reading 2
  - Reading 3
- General reading



## Reading list

### Introduction to Social Impact of EP:

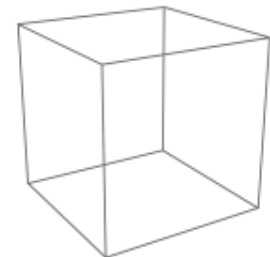
- A wide range of print and online publications
- Virtual communities
- Online communities
- Interaction online
- How we present ourselves online



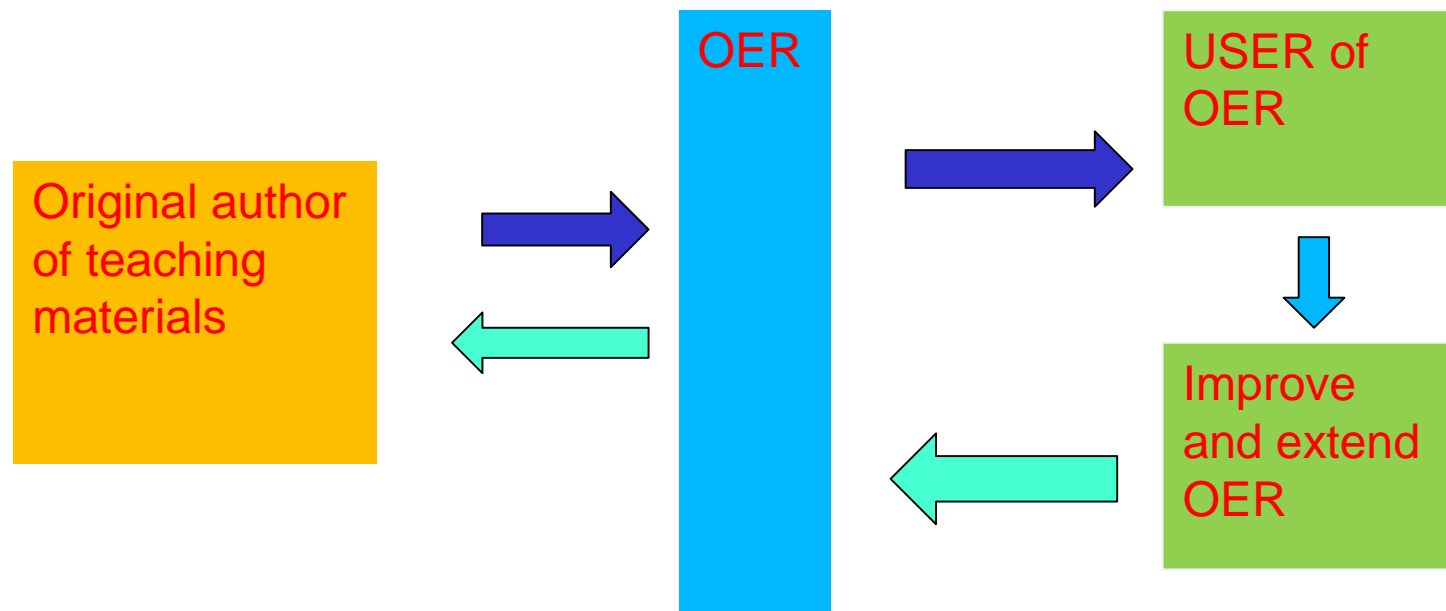
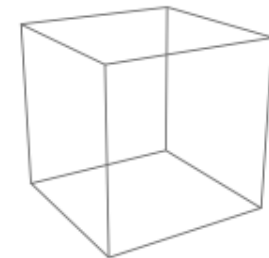
## Web resources

Online resources relevant to this module:

- General
- Communities
- Free and Open Source software
- Privacy and personal information
- Copyright and IPR
- Etc
- Etc



# Collaborative and sharing





## Growth of knowledge

Teaching materials are improved

Becomes an iterative cycle

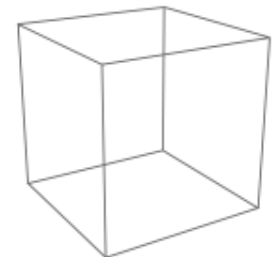
Peer review of materials

Returned with improvements and acknowledgement

Digital Humanities methodology

Equal partnerships in research and teaching

Arts, Humanities and Technology





Simon Mahony ([s.mahony@ucl.ac.uk](mailto:s.mahony@ucl.ac.uk))

Ulrich Tiedau ([u.tiedau@ucl.ac.uk](mailto:u.tiedau@ucl.ac.uk))

