

meSch: Material EncounterS with digital Cultural Heritage

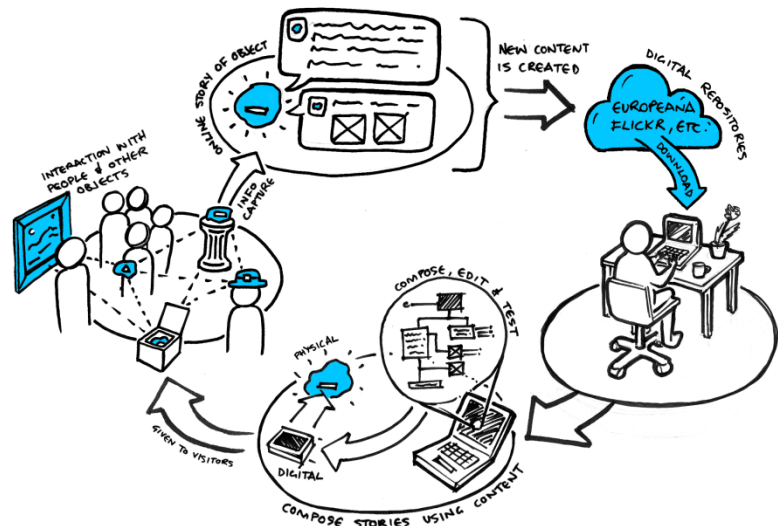
February 2013 – January 2017

Project goal

meSch has the goal of designing, developing and deploying tools for the creation of tangible interactive experiences that connect the physical dimension of museums and exhibitions with relevant digital cross-media information in novel ways.

What?

meSch will deliver a platform to enable curators, artists, designers and cultural heritage professionals in general to create smart objects and intelligent spaces. Smart objects (like a magnifying glass or a replica) are enriched with digital technology while intelligent spaces embed sensors: both react to people, spaces and smart objects. A bespoke application will adapt the content and the behaviour of the object or space to visitors, their social context and the environment.



Why?

A wealth of digital cultural heritage is currently available in on-line repositories and digital archives. It is however accessed only in a limited way and utilised through rather static modes of delivery. meSch will bridge the gap between visitors' cultural heritage experience on-site and on-line by providing a platform for the creation of tangible smart exhibits. It will enable heritage professionals to compose digital content to be embedded in smart objects and spaces without the need for specialised technical knowledge.

How?

The meSch approach is grounded on principles of co-design: the participation of designers, developers and stake-holders into the process of creation and evaluation as equal partners, and on a Do-It-Yourself philosophy of making and experimenting. Three large-scale case studies in different museums provide test beds for the real-world evaluation of meSch technology with the public and cultural heritage stakeholders.

Project partners

1. Sheffield Hallam University, (coordinator), UK
2. University of Limerick, IE
3. Waag Society, NL
4. University of Strathclyde, UK
5. eCTRL Solutions, IT
6. DEN Foundation, NL
7. University of Stuttgart, DE
8. University Carlos III Madrid, ES
9. Museo Storico Italiano della Guerra, IT
10. University of Amsterdam/Allard Pierson Museum, NL
11. Museon, NL
12. Fondazione Bruno Kessler, IT

Contact

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