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|  | <p>FP7-PEOPLE ITN2013 – ITN-DCH 608013<br/>Final Project's Conference<br/><b>ITN-DCH Final Conference Workshop</b><br/>Hotel Sotelia, Olimje, Slovenia<br/>23-25 May 2017<br/><a href="http://www.digitalheritage2017.eu">www.digitalheritage2017.eu</a></p> |  |
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## Re-use of Tangible/Intangible Heritage digital resources: scientific and cultural challenges

The workshop is going to introduce the participants to the concept of linked data and to the different data curation tools for re-use and integrating data silos (including examples from tangible and intangible heritage), as well as show how to semantify them, throughout the use of existing resources in the cultural heritage domain, our data. A focus is going to be given to the transformation of existing resource (CSV, XML etc.) to RDF, throughout the use of data transformers/mappers or throughout the creation of virtual layers for their integration.

The workshop will last the whole day and is going to promote a hands-on approach to several important tools that are daily used in the field.

Aim of the program is to help participants familiarize with different instruments that they would allow them to re-use the data daily produced by the different communities (CH, public administration, GIS, etc.)

At the end of day, the participants will be able to integrated different dataset together, mapping them to an existing ontology and share them throughout the use of an open license.

### Introduction — 30 minutes

- Linked data: some basic concepts
- Where we can find the data
- Different type of license: copyleft & copyright
- Aims and scope of the workshop

### Data scraping — 30 minute

- Import.io

### Data management and cleaning with OpenRefine — 2:30h

- Introduction to GREML scripting language
- CSV cleaning
- Source augmentation

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- Reconciliation with Europeana or DBpedia
- Augment data with geographical information (service call)

#### **Data Mapping with 3M & Karma — 1:30**

- Mapping XML to CIDOC-CRM

#### **Database mapping using virtual layer with Ontop — 1:30**

- Mapping current DB to existing Ontology