

*Presentation*

**A Pilot Study on Linked Open Data in Cultural Heritage: A Use Case of the Taiwan Digital Archives Union Catalogue**

Sophy Shu-Jiun Chen  
Academia Sinica, Taiwan  
sophy@sinica.edu.tw

Chunya Wen  
Academia Sinica, Taiwan  
cancer@gate.sinica.edu.tw

**Abstract**

The Taiwan Digital Archives Union Catalogue (<http://catalog.digitalarchives.tw/>), with more than 5 million digitized objects described with Dublin Core-based metadata, comes from the Taiwan E-Learning and Digital Archives Program (TELDAP) which was built on a national scale over the past 15 years. Academia Sinica Center for Digital Cultures (ASCDC)(<http://ascdc.sinica.edu.tw/en/>) is now in charge of the sustainable operation. The presentation aims to report how we adopt Lined Open Data (LOD) approach to publish these structure data, in order to make metadata and the digitalized objects get connected with related resources in the world.

The Taiwan Digital Archives, similar to the Europeana, has collected digitized collections from more than 100 libraries, archives, museums, academic institutions, and government agencies, such as the National Central Library, Academia Historica and National Palace Museum. The collection includes books, newspapers, artworks, photos, specimen and sounds. Most of the metadata descriptions and contents are in Chinese and are Asian culture oriented. In the LOD initiative, 850 thousand records with Creative Commons licensing have been selected as experimental pilot since January 2016.

The presentation will report 72 collections across 16 categories such as biodiversity, photos, architecture, anthropology, rare books, Buddhist texts and paintings, discussing the LOD design methods, issues, outcomes of the preliminary results and lessons learned, which covers the data model, cleaning for data quality, reconciling, publishing and applications. In addition, the different ways of LOD applications will also be demonstrated including online exhibitions and the reuse in digital humanities researches