

Creative Re-Use of geographic and historical data and documents

The University of Cincinnati Libraries has been able to re-use records and digital objects in our repository (<http://drc.libraries.uc.edu>) with map data presented through Google Fusion tables, with timelines that direct users to our repository but are presented in a web interface; and by presenting data sets for an historical archive of 19th century records, allowing the potential for researchers to discover new knowledge while reviewing the online archive.

This presentation will demonstrate some of the specific techniques we have found that allow us to embed maps in DSpace collection properties, that allow archivists without html or css backgrounds to maintain timelines expressed with javascript libraries, and how and why we decided to upload some of our metadata that describes historical documents as a data set, in addition to metadata within records themselves.

This techniques may offer a fore-shadowing of the kinds of services, for both data and text mining and visualization, that should be either embedded in our repositories, or perhaps made more available as external tools if we have a fully featured API for our repositories. I will explain why I'm leaning toward the latter approach.

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