





What
Where
When
Why Significant

February 18, 2016

(date)

February 18, 2016 4874 BCE (date) (number) February 18, 2016 4874 BCE Neolithic Period (date) (number) (concept)

Which Period is it? A Methodology to Create Thesauri of Historical Periods

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Abstract. In this paper we present a methodology to create multilingual thesauri of period names building on top of CIDOC specifications, archeological theory and results from Computer Science and Knowledge Representation. Periods are defined by different criteria based on the archaeological contexts (such as ceramics style, enabling technology etc.), rather than by time and place, which are regarded only as approximations of the spatiotemporal extent of a period. Identity criteria are distinguished from the general characteristics of a period. Terms and relations are structured by a specification in the form of an XML DTD for data exchange. A respective thesaurus is under development as proof of concept.



HOME

SEARCH

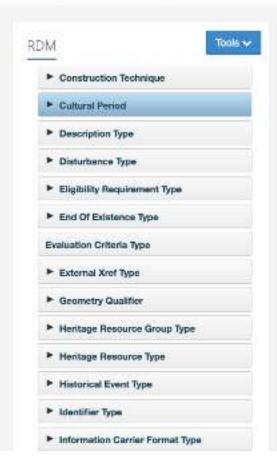
MAP VIEW

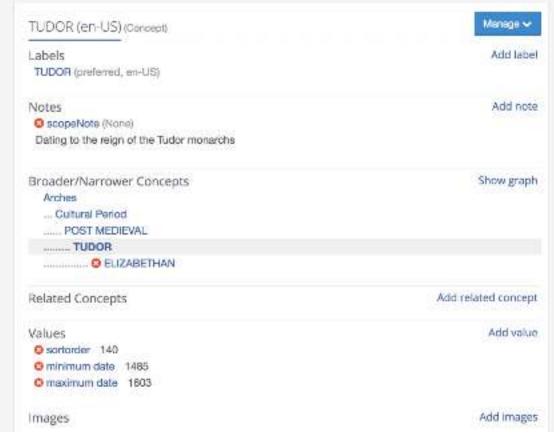
RESOURCE MANAGER -

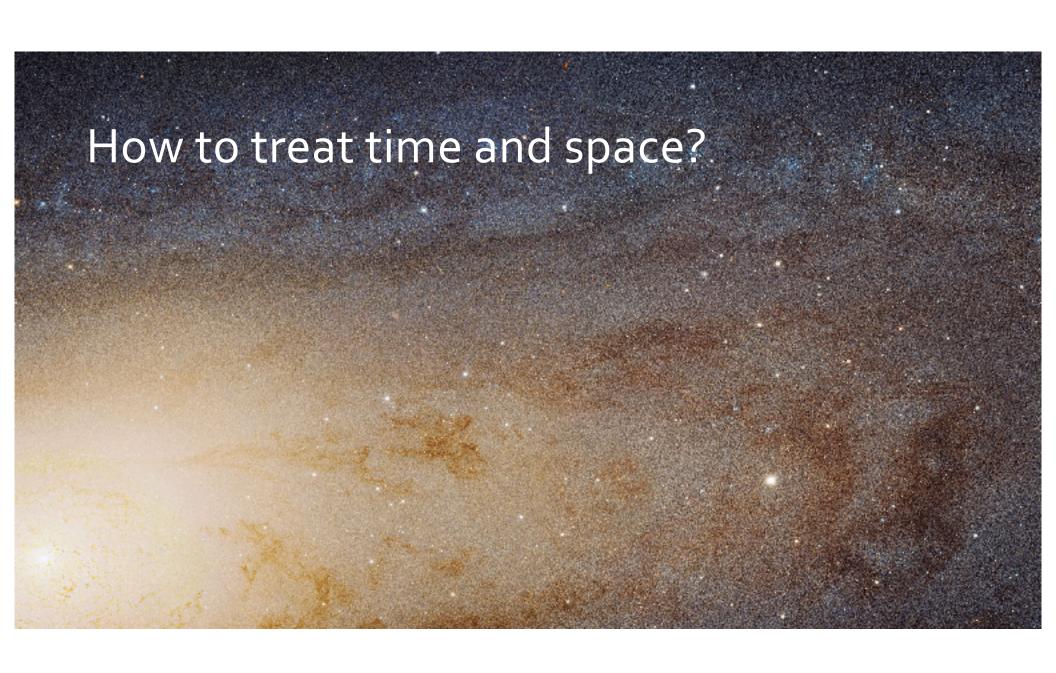
RDM:

Reference Data Manager (RDM)

Cultural Period





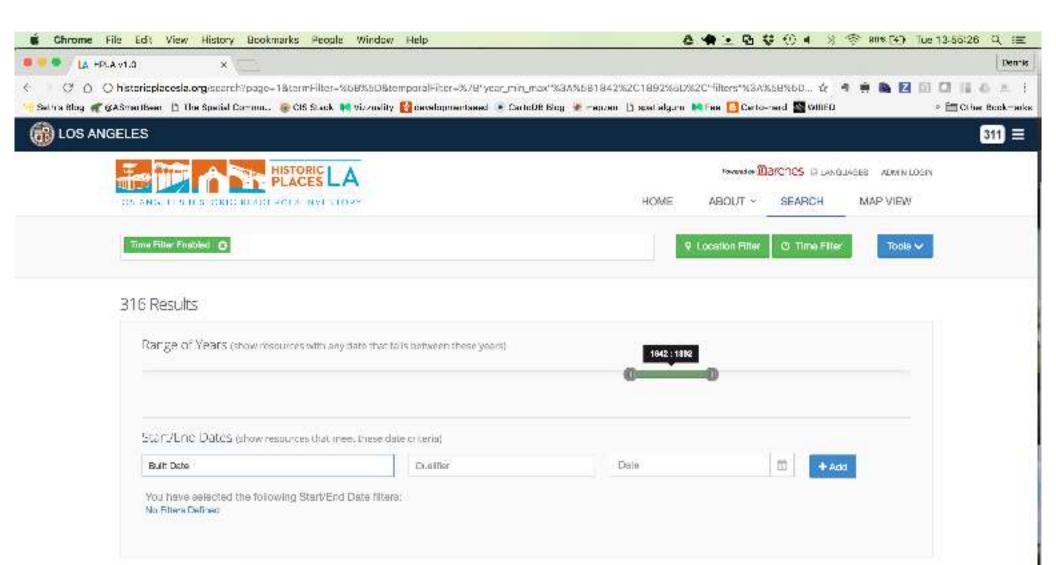


Consistent
Geospatial + Temporal
Representation

Why bother?

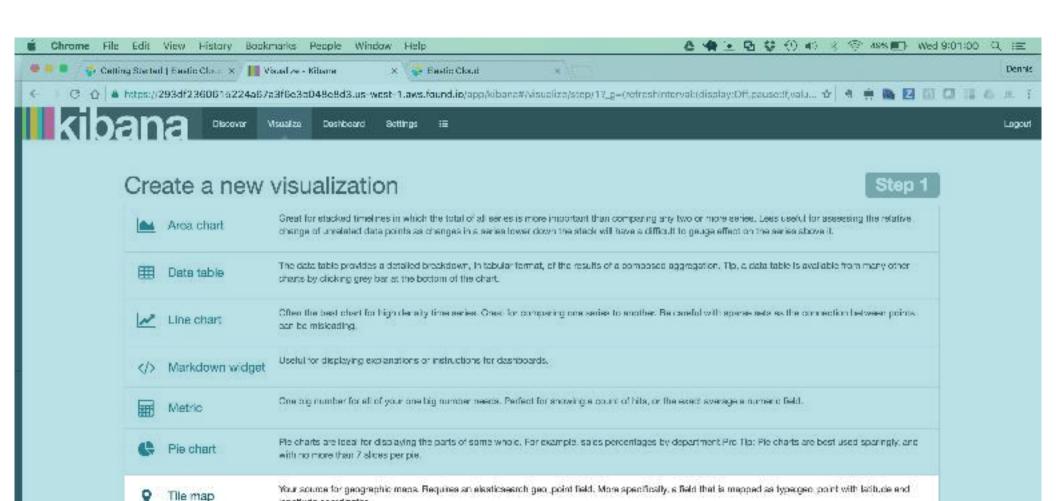
Data Harmonization





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Timeseries

Idel Vertical bar chart

Arches

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