

A Museum Object Repository using LIDO Schema

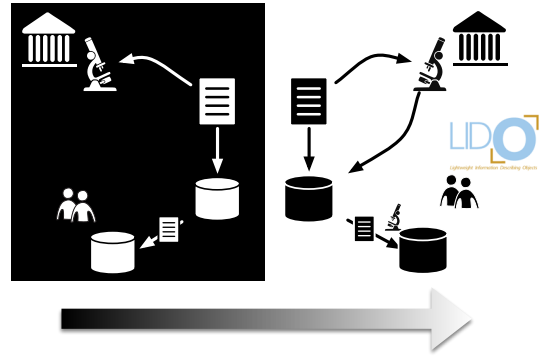
Masaharu HAYASHI^{1*}, Hiroshi HORII², Misato HORII², Yoshihiro TAKATA³, Kazutsuna YAMAJI⁴, Hiromi UEDA⁵, Taro FURUHATA⁵
¹Hitotsubashi Univ., ²AMANE LLC., ³Kanazawa Univ., ⁴National Institute of Informatics, ⁵Kanazawa Univ. Museum
 E-mail^{1*} masaharu.hayashi@r.hit-u.ac.jp



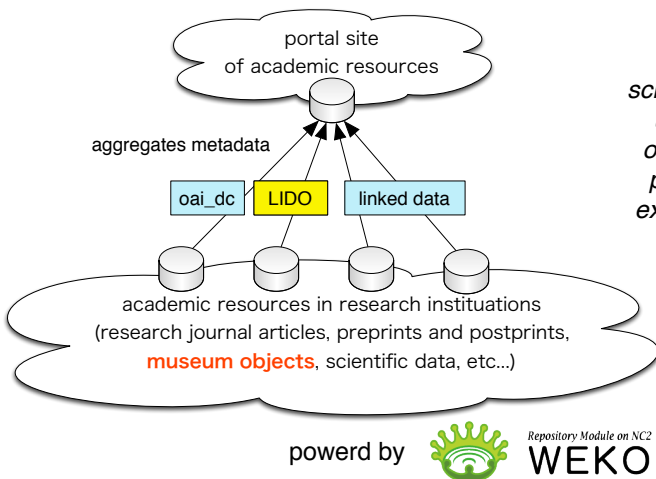
Museum Objects in University are Unreachable or Difficult to Find

Many of the research resources are collected for study by researchers and are put away into warehouses without indexing when the researchers left their research institute.

Institutional repositories(IRs) house there papers, however they don't house research resources based on them.



Developing a museum object repository using LIDO schema



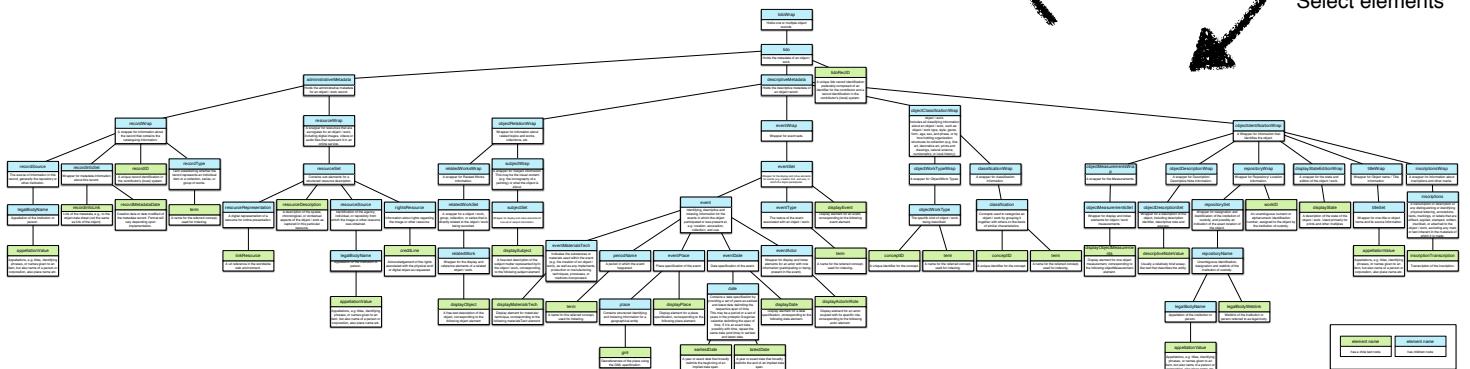
What is LIDO?
"LIDO is an XML harvesting schema. The schema is intended for delivering metadata, for use in a variety of online services, from an organization's online collections database to portals of aggregated resources, as well as exposing, sharing and connecting data on the web." (<http://lido-schema.org>)

Information groups of LIDO

- Object Classifications
- Object / Work Type(mandatory)
- Classification
- Object Identification
- Title / Name (mandatory)
- Inscriptions
- Repository / Location
- State / Edition
- Object Description
- Measurements
- Event
- Event Set
- Relations
- Subject Set
- Related Works
- Administrative Metadata
- Rights
- Record(mandatory)
- Resource



System Design: LIDO framework(harvester & provider) on WEKO



subset of LIDO schema diagram

Aim to share and reuse museum objects