



## **LIDO (Lightweight Information Describing Objects): Making it easier to deliver information to portals**

### **Why LIDO?**

Organizations need to provide information on their objects to many portals including thematic, cross domain, regional, national and international. The difficulty, for the portal owner, is that the object information is in the providers' own collections management systems and cataloguing databases. Each of these has potentially a different metadata format. This means that it is both time-consuming and costly to integrate information from all those organizations wanting to participate. To overcome this situation LIDO has been developed.

### **What is LIDO?**

LIDO is an XML harvesting schema. LIDO is a schema 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. Its strength lies with its ability to represent the full range of descriptive information about museum objects. It can be used for all kinds of object, e.g. art, cultural, technology and natural science. It supports multilingual portal environments.

### **How was LIDO created?**

LIDO is the result of an international collaboration based upon existing work and practical experience. It combines the CDWA Lite and museumdat schemas, and has been aligned with the SPECTRUM collections management standard. It has an event-oriented approach which is compliant with the CIDOC CRM (ISO 21127).

LIDO was made possible through the collective efforts and support from: the CDWA Lite Advisory Committee, the Documentation Committee of the German Museums Association, the CDWA Lite – museumdat Working Group, the CIDOC-CRM Special Interest Group, and the ATHENA project.

### **What's in LIDO?**

LIDO defines 14 groups of information of which only three are mandatory. This allows for as large a variety of completeness of information as possible. Organizations can decide which data they want provide to a portal and publish online.

LIDO also allows an organization to provide (in different parts of the schema):

- **Indexing information** – optimized for searching and retrieval;
- **Display information** – optimized for presenting information online to the user of the portal.

An important part of LIDO's design, taken from the CIDOC Conceptual Reference Model (ISO 21127), is the concept of **events**. These include the creation, collection, and use of an object. Events have associated with them dates, places and actors. These can all be represented in a consistent way within the schema and allow for better searching, retrieval, and display in the portal.

## Overview of LIDO

### Descriptive and administrative elements of a LIDO record

-Object Classifications –

Object / Work Type (*mandatory*)

Classification

-Object Identifications –

Title / Name (*mandatory*)

Inscriptions

Repository / Location

State / Edition

Object Description

Measurements

-Events –

Event Set

-Relations –

Subject Set

Related Works

-Administrative Metadata –

Rights

Record (*mandatory*)

Resource

### Events in LIDO

Event

–Event Identifier

–Event Type

–Role in Event

–Event Name

–Event Actor

–Culture

–Event Date

–Event Place

–Event Method

–Materials / Technique

–Thing Present

–Event Related

–Event Description

### Content / Subject in LIDO

Subject

–Extent Subject

–Subject Concept

–Subject Actor

–Subject Date

–Subject Place

–Subject Event

–Subject Object

## Where can I find out more about LIDO?

The management of LIDO is centralized within the *Data Harvesting and Interchange Working Group* of CIDOC, the international documentation committee of ICOM. This brings together all the communities involved: CDWA Lite, museumdat, SPECTRUM and CIDOC CRM. The group also welcomes participation from the wider heritage community.

The Working Group serves as the source of the most up-to-date information about LIDO, and acts as the forum for its implementation and understanding.

For more information visit: <http://www.lido-schema.org>