# Panel: Cultural Metadata For what entities are we creating metadata?

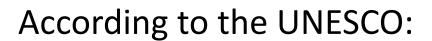
Generalized Metadata Models Designed for Digital Archiving of Various Types of Cultural Entities Including Intangible and Ephemeral Entities

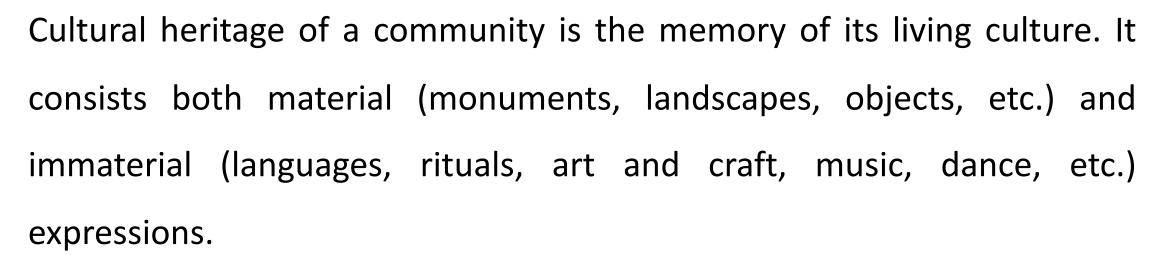
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# **Cultural Heritage**





(https://whc.unesco.org/)



# **Intangible Cultural Heritage**



• Intangible Cultural Heritage is heterogenous

Exist within a given space and time



Modified over time

Can not be touched

Capturing/ recording is diverse

Difficult to identify

Connected with the society and the natural environment



# **Cultural Heritage Information (CHI) on Digital Archives**

- What object should be digitally archived in the case of Intangible Cultural Heritage?
- Conventional digital archive shows metadata related to a single object= Item-Centric
- Other web resources may contain more contextual information which can be connected with the original cultural heritage object
- The information on the digital archive can be Hybrid and not adhere to the One-to-One Principle of Metadata

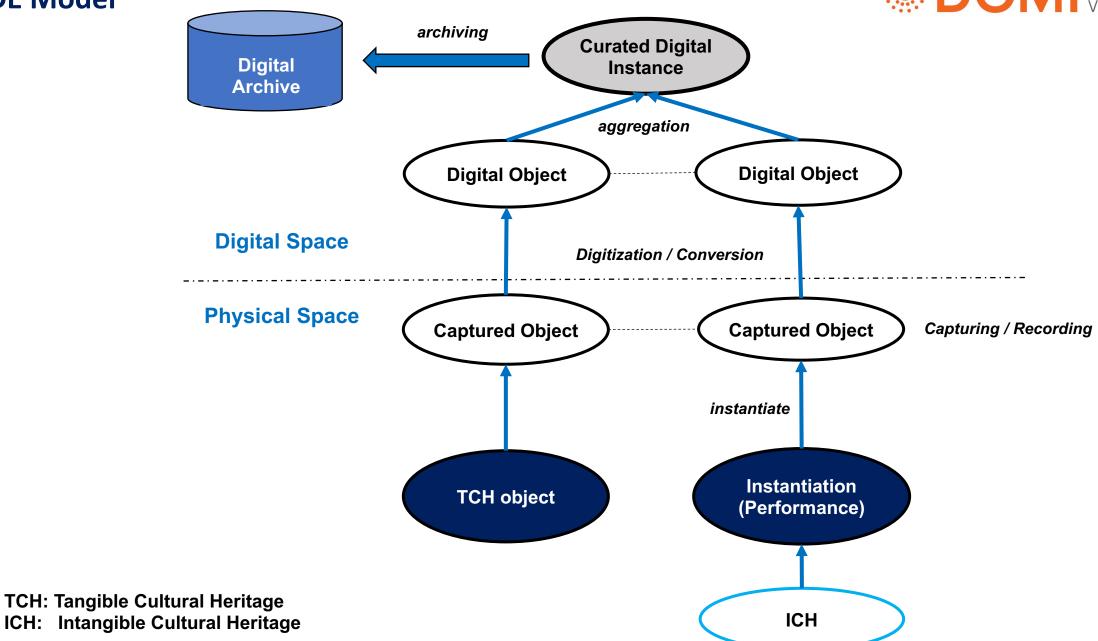


## **Cultural Heritage in Digital Environment (CHDE) Model**

- CHDE Identifies the **Physical** and **Digital Spaces** of CHI and cultural heritage entities
- Intangible Cultural Heritage is identified, and information is collected through **Instantiations** (e.g., Temporal, Location, Category, Agent, Activity and Concept)
- The Instantiation Classes are mapped to CIDOC-CRM and FRBRoo (FRBR object-oriented) to make a formalization
- CHDE model Aggregates CHI resources from diverse Web services
- This model is based on more **general and broader CHI entities** needed to build up a digital archive of CHI

#### **CHDE Model**





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M/D

= Metadata



# **CEDA (Concepts, Embodiment and Digital Archives)**

- CEDA is a framework for modelling entities that appear in digital archiving processesreal-world objects, archived digital objects and relationships between them
- CEDA defines a mapping from real-world objects to archived digital objects
- This shows a simple model of the digital archiving process and structure of the digital archives

#### **Entities in Cultural and Historical Domains**

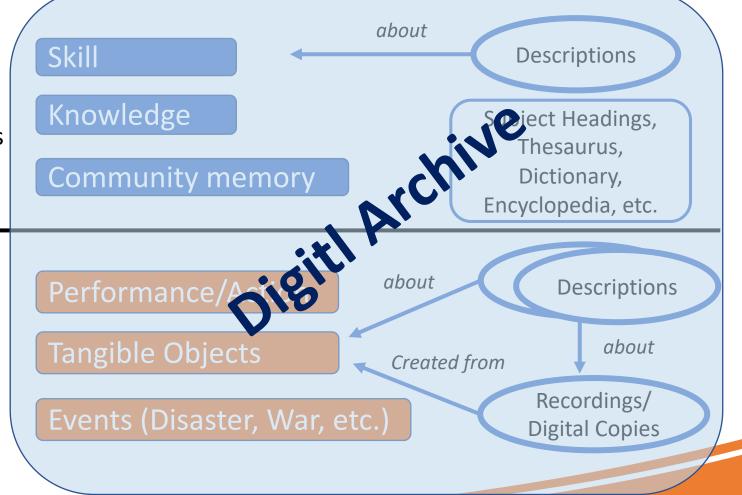




Conceptual / Abstract entities

#### **Embodied World**

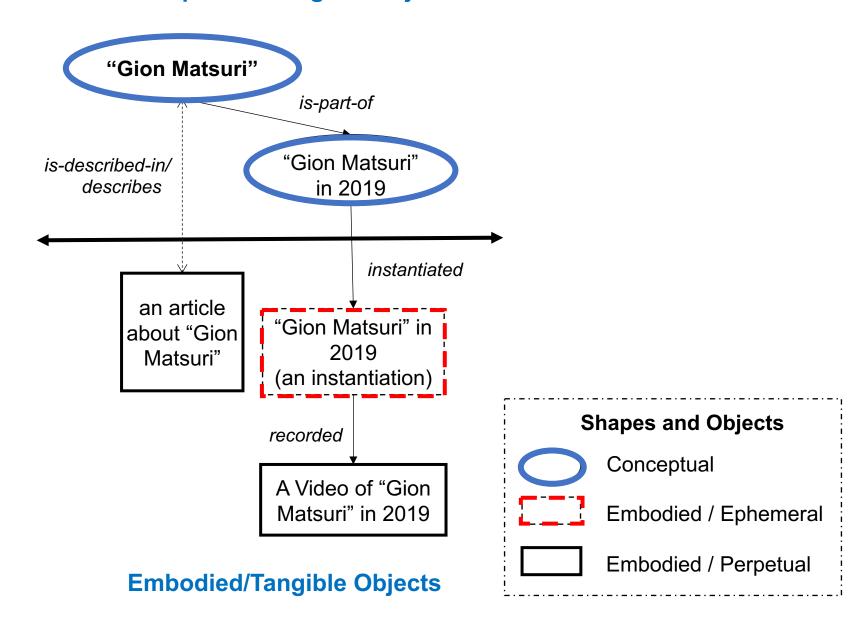
Physical / Digital entities



Conceptual/ Intangible
Objects and Physical/
Embodied Objects
(CEDA Model)

#### **Conceptual/ Intangible Objects**





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### **CHDE and CEDA Models,**



- Allows to archive Intangible Cultural Heritage as a collection of recordings,
   related objects and descriptions
- Gives a Content-Centric Approach rather than Item-Centric information organization
- They separately identify:
  - intellectual contents
  - abstract entities
  - physical items/ space
  - digital items/ space
  - experiential entities (e.g., events, activities, and services)

#### **Related References**

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# - Thank You! -

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