

Museum documentation

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Mu.SA Aim and objectives

- This presentation intends to present what documentation for museums implies, as well as what, why and how documentation of heritage collections can be realized.
- The objectives of this presentation are to:
- Explain the core concepts of museum documentation
- Describe why and how heritage collections are documented
- Highlight what to document when dealing with the objects of a collection
- Present appropriate tools for documentation of a heritage collection development project





MUSA Learning outcomes

- At the end of this presentation, you will be able to:
 - Describe the three main processes when documenting heritage collections
 - Identify two broad information categories to describe an object of a heritage collection
 - Explain the two things documentation in museums focuses on





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Core concepts



- Previous presentations focused on digital (i.e. software) and physical objects (e.g. computer hardware, home appliances, etc.)
- Documentation was defined in terms of these objects
- What about works of art and antiquities typically found in museums?

Museum documentation is concerned with the development and use of information about the **objects** within a **museum collection** and the **procedures** which support the management of the collection.

From this definition, do you see the analogy with **product** documentation (objects) and **process** documentation (procedures)?



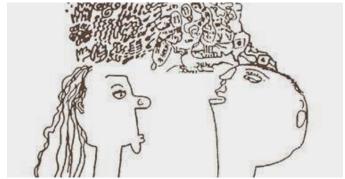
- ➤ Museums acquire objects and create collections
- When an object is moved from its place of origin and its context, its significance is reduced and becomes more reliant on the documentation linked to it.
- ➤ When an object arrives at a museum, it begins a "new life": it will be studied, positioned, exhibited, restored, loaned and transferred
- ➤ It will thus be necessary to **identify it in a unique way**, and to facilitate the management of every aspect of this new life
- ➤ The value of a collection, its safety and its accessibility therefore depend to a large extent on the quality of the documentation associated with it.





MUSA Effective documentation

- ➤ When objects are not properly documented there is a huge difficulty to find and return objects to their rightful owners
- ➤ A great number of stolen goods can't be investigated by the competent authorities due to the lack of identification documents
- ➤ With **effective documentation**, a museum should be able to facilitate:
 - collection policies
 - collection care and accountability
 - collection access, interpretation and use
 - collection research



Source: https://museumnotes.blogspot.com





U.SA Documentation and objects

- According to the ICOM Code of Ethics, documentation should include a full identification and description of each object, its associations, provenance, condition, treatment and present location.
- Specifically, it can include:
 - Detailed description of the object and supplementary useful information
 - Certificate of authenticity
 - Export or import certificates
 - Exhibit or auction catalogues
 - Loan and acquisition documents
 - Inventory documents
 - Related written materials (e.g. research and field collection notes)
 - Documents informing about the origin of the object
 - Documents informing about the intellectual property rights of the object
 - Photographs
 - And other relevant documents...





- Spectrum is the "UK Museums Collection Management Standard" used or adapted for use in several EU countries (e.g. Germany)
- ➤ In its initial versions it was called "The UK Museum *Documentation* Standard" and its core content has not changed much until its current version 5.0
- ➤ It determines a set of **procedures** that define all required activities that museums need to do when managing their collections
- > There are 21 procedures and 9 of them are marked as primary
- In the UK, a museum cannot be **officially accredited** if it does not have the primary procedures in place and working effectively.





MUSA Documentation and procedures

Primary procedures

- **Object entry**
- Acquisition and accessioning
- Location and movement control
- Inventory
- Cataloguing
- Object exit
- Loans in (borrowing objects)
- Loans out (lending objects)
- **Documentation planning**

All these museum procedures show the complete range of where documentati on should be applied in a museum environment

Other procedures

- Condition checking and technical
- assessment
- Collections care and conservation
- Valuation
- *Insurance and indemnity*
- **Emergency planning for collections**
- Damage and loss
- **Deaccessioning and disposal**
- Rights management
- Reproduction
- Use of collections
 - Collection review
- Audit





Documentation of heritage collections





VUSA Why document heritage collections?

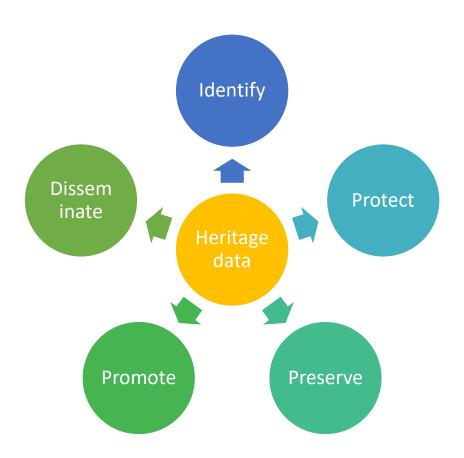
- > Heritage institutions have two responsibilities that make the documentation of collections important:
 - **Responsible** collection management, which is ensured through the identification, protection and preservation of collections.
 - Collection **interpretation** and **development**, which is ensured both through access to information and through access to collection objects.



Source: https://auction.catawiki.com

> The best way to preserve collections is not only to preserve their physical integrity, but also, and more importantly, to acquire indepth knowledge of them and to be able to identify and interpret them correctly.





Proper documentation facilitates:

- √ identification of objects
- ✓ recording and maintenance of the museum's objects
- ✓ access to the objects
- ✓ object protection and preservation
- ✓ access to information
- ✓ updating of information
- ✓ preservation of information

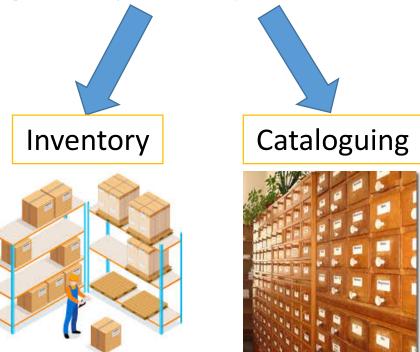




How to document heritage collections?

➤ When undertaking a **collection documentation** project, you must determine the most appropriate **method**.

> There are generally two steps to follow in documenting collections





Museum sector alliance Inventory

- > An **inventory** is a systematic record of all the elements that make up a collection.
- A process that consists of counting and describing the elements that make up the assets of a group, of a succession, etc.
- In the context of **heritage collections**, it involves systematic survey of all the elements that make up the collections as such.
- From an information standpoint, it involves choosing the volume of information to be collected for each object in the collection.
- ➤ This process enables you to distinguish between **two types** of inventories: **counts** and **physical inventory**.





- > The counts process should answer three basic questions:
 - What objects make up the collection?
 - How many objects are there?
 - Where are these objects located?



- ➤ The advantage of counts is that, quickly and with few resources, you can clearly identify all the objects, count them, and determine their exact location
- ➤ However, the information is quite often too limited for the collections to be properly understood and promoted
- ➤ Each heritage institution should, at the very least, have such an inventory of its collections





U.SA Physical inventory

- ➤ A physical inventory implies that the inventory process is more detailed with information on the physical characteristics of objects:
 - the materials and technique of which the object is made
 - the object's size or dimensions
 - the object's decorative motifs
 - inscriptions found on the object



- ➤ The advantage is that it gives us access to a more detailed description of the objects allowing for:
 - better understanding of the collections
 - anticipating their storage and preservation needs more precisely
 - obtaining photographic reproductions of the objects
- Requires more time, human and financial resources than counts





- Cataloguing generally involves in-depth research by experts
- Requires a significant investment in research time and specialists
- Collected information covers contextual information and our scientific understanding of the object, as well as its history, both before and after it has received heritage status
- This type of process is reserved for major pieces of the collection and for objects used in dissemination projects
- The advantage of cataloguing is that it provides much more detailed information on the collections, and thus fosters both efficient management and in-depth knowledge of the collections





USA Which process to choose?

- ➤ Most of the projects are referred to informally as **inventories**, regardless of the quantity of information collected and recorded
- ➤ The **nature** and **quantity** of the **information** collected during a collection's documentation process must be **based on**:
 - the desired objectives
 - the collection's nature
 - the type of information to be recorded;
 - the accessibility and reliability of the information already available.



➤ Obviously, the choices are based on our **information needs** and on the **resources** that we have at our disposal to carry out the work.





Descriptive systems





USA What to document?

- Previous slides showed why and how to document collections
- ➤ Let's see what exactly we need to document when dealing with the objects of a collection
- ➤ It is very possible that the **descriptive information** of each object can classified in the following **broad** information **categories**:
 - Object's physical characteristics: identification, size or dimensions, technique, colors, shape, decorative motifs, materials, inscriptions or description
 - Scientific understanding of the object: artist/manufacturer, place of construction, place of origin, previous owner(s), acquisition mode and date, use, culture, etc.





Musa Documentation nature

- > There will always be **new information** to gather on the collections and the following are some examples:
 - Activities for which the collections are used in the institution
 - ❖ A specialist's new understanding of a work or a style
 - Specifying the new conservation condition of a damaged object
 - Reflect a change in the Latin taxonomy of a natural sciences specimen following new scientific research
- > The documentation process does not have an end, it is dynamic and continuous





Planning a collection's documentation

- In a collection development project, we look forward to a detailed and comprehensive description of each object in the collection
- It is fundamental to be able to answering these questions:
 - What information needs to be recorded?
 - Where is the required information located?
 - How do we organize the information?



- Information of an object or a collection is only complete when it is recorded properly, organized in a functional system, and becomes available and accessible, both within and outside the institution
- ➤ An efficient descriptive system involves a logical, structured organization of the information for each collection object.





MuSA Descriptive system

- It is a logical, ordered and meticulous organization of information that pertains to the collections
- > It is efficient when information as a whole is able to be grouped and organized hierarchically into a unique system
- > It establishes a number of rules or standards which are called data structure standards and metadata schemes
- The descriptive information on the collections is divided into a fairly large number of information fields (or metadata elements)
- These elements of information are then grouped and structured logically by information category -> retrieval and exchange





Artefacts Canada Data Dictionary (1/2)

- > It is an indicative example of a descriptive system
- Its principles are similar to the core ones of many other systems
 - Information organized according to type of collection to be documented
 - Information divided into defined elements
 - Information organized into logical groups
 - Proposed "basic Cataloguing Form" which can include a number of mandatory information elements as well as recommended information elements
 - Proposal for a more detailed group of cataloguing elements
 - Proposed rules and conventions for entering data
 - Proposal of controlled vocabularies for certain elements
 - Ability to maintain links between objects, between objects and their parts, or between a group and the individual objects composing the group





Artefacts Canada Data Dictionary (2/2)

- > By providing a common structure it achieves two things:
 - Creation of a central reference database on the institution's collections
 - Facilitation of the exchange of information with other users and systems



More information on internationally recognized description standards or metadata schemes for documenting and managing collections can be found here.





MUSA List of references

- CIDOC, Statement of principles of museum documentation, version 6.2, June 2012, section 1.1 (http://network.icom.museum/fileadmin/user_upload/minisites/cidoc/ConferenceGuidelines/principles6_2.pdf)
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MuSA Presenter's bio page



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Theodor Panagiotakopoulos was born in Greece in 1981. He received his Diploma and PhD from the Department of Electrical and Computer Engineering, University of Patras, Greece in 2006 and 2011 respectively. His research interests include, among others, pervasive computing, internet of things, ambient intelligence, mobile health and ambient assisted living systems, telemedicine and biomedical applications. Until now, he has published over 25 articles in international conferences and journals, as well as in international book chapters. He has participated in 7 National and European R&D projects focusing on IoT and e-Health, as well as on the development of educational content for digital skill acquisition in various application sectors via e-learning programs. Since 2016, he is an adjunct assistant Professor at the Department of Electrical and Computer Engineering of University of Patras.



Thank you for your attention!

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Project Number: 575907-EEP-1-2016-1-EL-EPPKA2-SSA

























