CIDOC Museum Process Implementation Working Group

REPORT: Working Group Meeting at 10th and 11th June 2012 in Helsinki

The Agenda of the kickoff was (see also separate slides):

- Introduction
- Objectives
- Work Programme
- Tools
- First steps
- AOB

Activities of this CIDOC Working Group are divided into Group Work and Implementation Work.

"Group Work" comprises:
- Definition of processes used in museums and categorization in three categories: - Entry (Arrival) - Handling (Movement) - Exit (Departure)
- Contribute to the elaboration of Guide Books

To be done (by already trained members) in parallel the "Implementation Work" comprises:
- Conversion of processes into executable models

For Startup the working group members have been asked to identify processes and categorize them into three classes:
- Object Entry
- Object Handling, and
- Object Exit

A ToDo-List governing this initial work will be elaborated the the Group Chair and distributed to the members.

During the CIDOC2012 conference the CIDOC-MPI Chair had the chance to talk to the CEO of Collection Trust (Nick Poole) and a representative of one collection software vendor. Both showed interest in the work of this new CIDOC Working Group.

With Nick Poole it was discussed to look into a close cooperation due to the fact that SPECTRUM provides an excellent use case for the work of CIDOC-MPI. The activities of the CIDOC working group can be considered complementary to the SPECTRUM related work providing mutual benefits.

Bringing in commercial vendors will guarantee that the work group activities will deliver usable and practical results.

The work of the group will be heavily supported by the community platform already established.

Face to face meeting will be held during CIDOC official events and as needed and requested.

Walter Koch
Chair, Museum Process Implementation Working Group

Helsinki, 2012-06-13
MPI - Museum Process Implementation

CIDOC Working Group Kickoff
Helsinki, 2012-06-09

http://network.icom.museum/cidoc/working-groups/mpi-museum-process-implementation.html
Agenda

- Introduction
- Objectives
- Work Programme
- Tools
- First steps
- AOB
Introduction

- Established at CIDOC2011 (Sibiu)
- First interest of CIDOC members from:
  - Austria
  - Belgium
  - Czech Republic
  - Finland
  - Germany
  - Romania
  - Sweden
  - Switzerland
  - UK
Objectives

- Design and Implementation of Reference Workflows for main Business Processes as found in museums, galleries and similar organisations
- Development of Guide Books supporting the Process Development Process
Work Programme (1)

- Preparation of a Collaborative Platform and Tools supporting the work of the Working Group
- Identification and Categorization of Workflows
- High Level Specification of Workflows
  - CIDOC Process References (CPR)
Work Programme (2)

- Implementation of Core Processes
  - CIDOC Process References (CPR) – Best Practice Guides

- Extension of the Business Process Models (BPM) by a consistent Data Model (DM)
  - CIDOC Reference Model for Collection Management Systems (CMS)
Tools (1)

- Cooperative Platform
  - http://test119.ait.co.at/share/page/site/community-collaboration/dashboard

- Business Level Process Modeller
  - http://test119.ait.co.at/cidoc/p/explorer  (needs windows & flash)

- Implementation Level Process Designer and Execution Engine (BPMN 2.0)
  - http://test119.ait.co.at/bonita/console/login.jsp?redirectUrl=%2Fbonita%2Fconsole%2Fhomepage%3Fui%3Duser

- Form Builder (Checklists, Data Entry Screens, Reports) and XML Data Base
  - http://test119.ait.co.at/orbeon/fr/orbeon/builder/summary
Tools (2)

- All tools to be found in Open Source:
  - http://www.alfresco.com/
  - http://www.bonitasoft.com/
  - http://www.orbeon.com/
  - http://exist-db.org
  - http://www.ubuntu.com/ (10.04 LTS)

- Included in a Virtual Image (Vmware)
  - http://www.vmware.com/
First Steps (done)

- Establishment of a collaborative platform
- Installation of Modelling Tools (Signavio for WebModelling, Bonitasoft for Implementation purposes, Orbeon as Forms Designer)
- Draft versions of first Guide Books
- Development of a methodology for process design and implementation (included in the "404" CIDOC Summer School course)
- Definition and implementation of a reference model for the "Acquisition" process
First Steps (to be done)

- **Group Work:**
  - Definition of processes used in museums
  - and categorization in three categories:
    - Entry (Arrival)
    - Handling (Movement)
    - Exit (Departure)
  - Contribute to the elaboration of Guide Books

- **Implementation Work:**
  - Conversion of processes into executable models
First Steps (methodology)

- 404 Museum procedures and business processes (slides 20 - 25):
  - Step 1: Develop a **Process Landscape**
  - Step 2: Describe the **processes** and formalize the **descriptions**
  - Step 3: Elaborate **high level** Business Process Models
  - Step 4: Elaborate **low level** Business Process Models
- Example: slides 85 - 98
First Steps (formalized)

1) develop a process landscape

2a) describe target process (SOP\(^1\) alike)

2b) describe needed sub processes (SOP\(^1\) alike)

3) elaborate high level BPMs\(^2\) in BPMN 2.0

4) elaborate low level BPMs\(^2\) in BPMN 2.0

Start

End

process landscape

description of target process

description of sub processes

executable process in BPMN 2.0

process descriptions in BPMN 2.0

1) Standard Operating Procedure

June 2012

MPI-Kickoff, Helsinki

2) Business Process Model

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First Steps (process landscape)

Process Landscape
derived from SPECTRUM procedures, divided in:
Core- and Support- Processes

- Management
  - Preparing for SPECTRUM
  - Managing Policies

- Core
  - Entry
    - Pre Entry
    - Object Entry
    - Acquisition
    - Loans In
  - Handling
    - Audit
    - Collection Care
    - Loans Out
  - Exit
    - Object Exit
    - Deaccession

- Support
  - Inventory Control
  - Location
  - Risk Management
  - Transport
  - Cataloguing
  - Condition
  - Rights Management
  - Insurance
  - Use Of Collection
  - Valuation
  - Loss And Damage
  - Retrospective doc.
First Steps (Guide Books)
AOB Any Other Business

Questions?

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