



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.signavio.com/en.html>
 - <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)

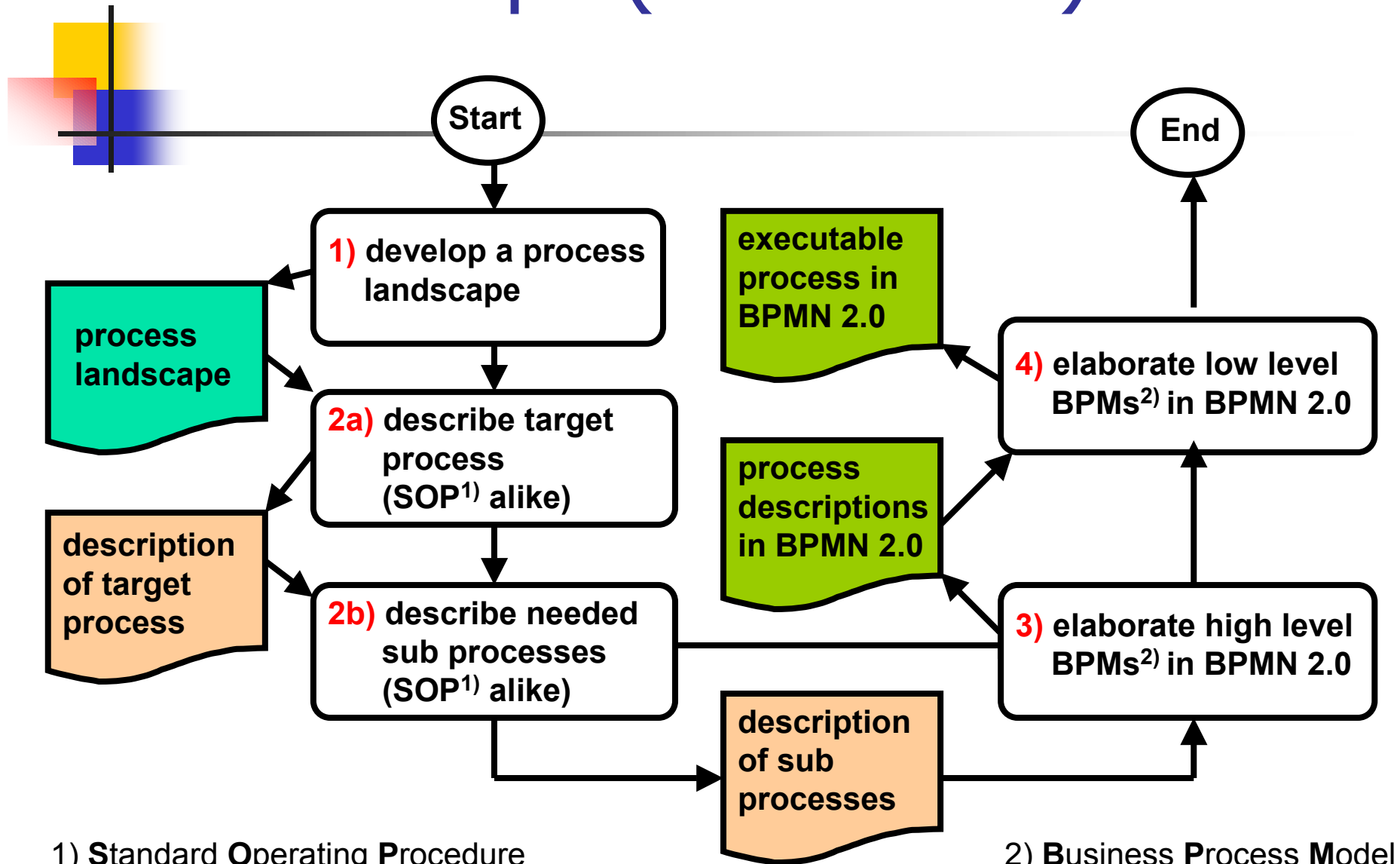
- Group Work:
 - Definition of processes used in museums
 - and categorization in three categories:
 - Entry (Arrival)
 - Handling (Movement)
 - Exit (Departure)
 - Contribute to the elaboration of Guide Books
- Implementation Work:
 - Conversion of processes into executable models



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

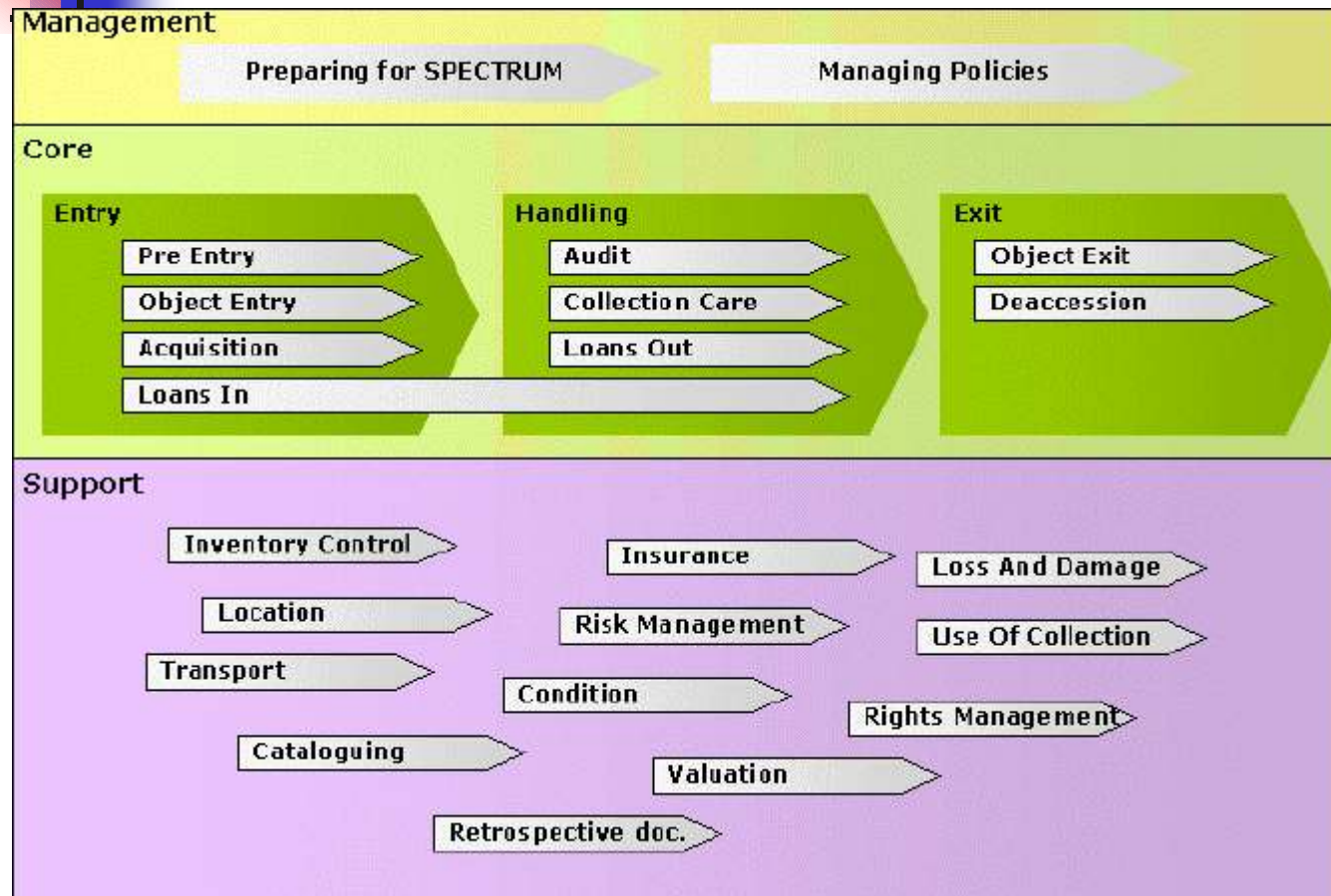
First Steps (formalized)



1) **Standard Operating Procedure**

2) **Business Process Model**

First Steps (process landscape)



Process Landscape derived from SPECTRUM procedures, divided in:

Core- and Support-Processes

First Steps (Guide Books)

The screenshot displays the Alfresco Community Collaboration web interface. At the top, the Alfresco logo is on the left, and the user name 'Walter Koch' is on the right. Below the logo are navigation icons for 'Mein Dashboard', 'Sites', 'Mitarbeiter', 'Repository', and 'Mehr...'. A search bar is located on the right side of the top navigation bar.

The main content area is titled 'Community Collaboration' and includes a search bar with the placeholder text 'Suchbegriffe eingeben...'. Below this, there are buttons for 'Einladen' and 'Mehr'. A secondary navigation bar contains links for 'Site Dashboard', 'Documents', 'Wiki', 'Links', 'Diskussionen', 'Blog', 'Datenlisten', and 'Mitglieder'.

The left sidebar is divided into two sections: 'Dokumente' and 'Bibliothek'. Under 'Dokumente', there are links for 'Alle Dokumente', 'Ich editiere', 'Andere bearbeiten', 'Kürzlich geändert', 'Kürzlich hinzugefügt', and 'Meine Favoriten'. Under 'Bibliothek', there is a tree view of folders: 'Dokumente', 'Alfresco', 'Bonitasoft', 'BPMN', 'MPI Guidebooks' (highlighted), 'MPI Presentations', and 'SPECTRUM'.

The main document list shows five PDF files in the 'MPI Guidebooks' folder. Each entry includes a checkbox, a PDF icon, the filename, a subtitle in parentheses, the creation date, the creator's name, and the file size. The files are:

- GB_Processes_Subprocess_V1.0_2012-05-23.pdf** (GB_Processes_Subprocess_V1.0_2012-05-23)
vor etwa einem Tag von Walter Koch erstellt 589 KB
- Process_Acquisition_V5.0_2012-05-16.pdf** (Process_Acquisition_V5.0_2012-05-16)
vor etwa einem Tag von Walter Koch erstellt 42 KB
- Subprocess_Delivery_V1.0_2012-05-16.pdf** (Subprocess_Delivery_V1.0_2012-05-16)
vor etwa einem Tag von Walter Koch erstellt 247 KB
- Subprocess_V4.0_2012-05-16.pdf** (Subprocess_V4.0_2012-05-16)
vor etwa einem Tag von Walter Koch erstellt 319 KB
- WebModelling_Intro_V2.0_2012-04-27.pdf** (WebModelling_Intro_V2.0_2012-04-27)
vor etwa einem Tag von Walter Koch erstellt 3 MB

At the bottom of the document list, there is a pagination control showing '1 - 5 von 5' and navigation arrows.



AOB Any Other Business

Questions ?

kochw@ait.co.at