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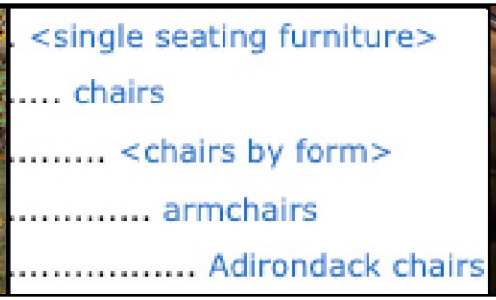
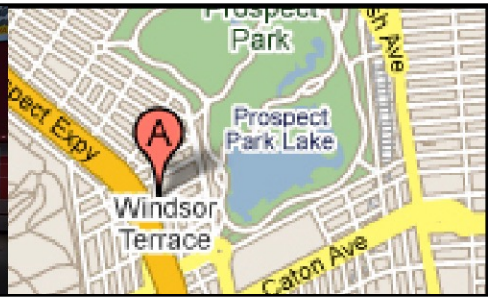
CollectionSpace is an open-source, web-based software application for the description, management, and dissemination of museum collections information – from artifacts and born digital works to loans and acquisitions.

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An Institution-Wide Support System

CollectionSpace supports registrars, collections managers, curators, educators, administrators, and more – whether they work in the storage room, in the gallery, in an office, or in the classroom.

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Market Landscape

Heritage Health Index, 2007:

- Almost 30% of historical societies, 25% of museums, and 20% of archeological repositories have no catalog records at all.
- 50% of the collecting institutions in the United States have none of their collections available online.

(IMLS + Heritage Preservation)

This information gap represents a lost opportunity for museums and points to a core community need.

Market Landscape

- Global market
  - Served by over 20 different commercial software providers
  - And a vast array of ‘home grown’ solutions
  - 20,000 museums are members of the International Council of Museums

“I’m a research scholar. I believe in the importance of collections and the data that surrounds them. If you start with a research view, all objects are more valuable for teaching, research, and outreach with the supporting documentation that provides rich contextual information. We are 110 years old and we are nowhere near where we need to be with our documentation. Improved digitization and data management are the only way we will manage our collections effectively to support the teaching and research missions of the museum.” - Museum Director

Market Landscape

- Museums have been producing innovative, visitor-facing applications that take advantage of the latest technologies for years.
- Unfortunately, while many of these applications include information drawn from collections management systems, the collections management system itself is rarely improved as a result.

CollectionSpace represents a paradigm shift in collections management technology, which allows users to create a stable, authoritative, and flexible core of collections information from which interpretive materials and experiences - from printed catalogs and mobile gallery guides to research platforms - may be more effectively developed.

Project Leadership

MUSEUM OF THE MOVING IMAGE

SMK
Statens Museum for Kunst
National Gallery of Denmark

WALKER ART CENTER

caret

Fluid

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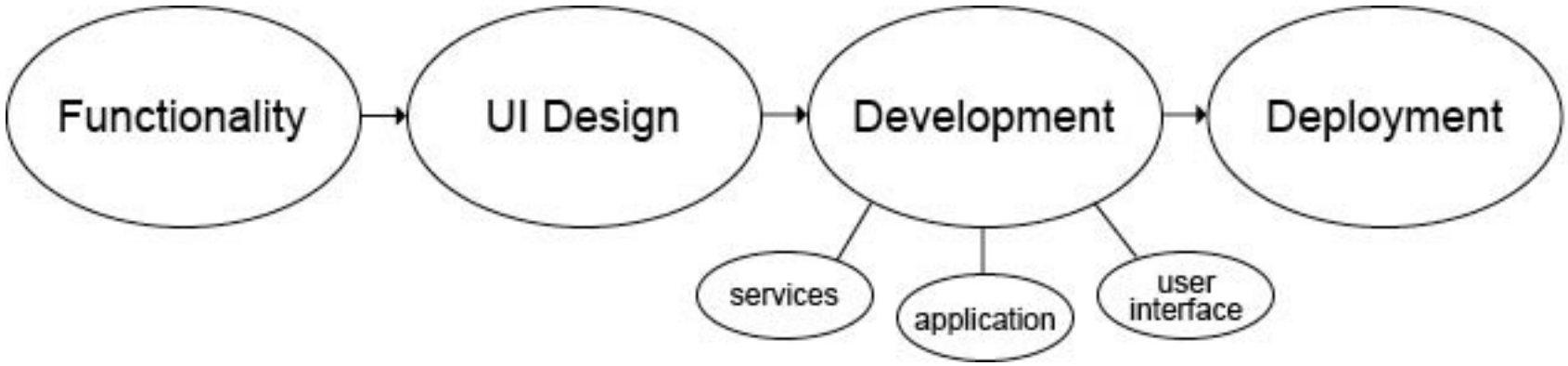
Project Team



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Project Ethos

Open, Inclusive, Transparent

- Gather information about functional requirements from museum standards and domain-specific guidelines
- Synthesize information gathered during Community Design Workshops and from user-submitted use cases
- Create definitions and lists of requirements
- Develop schemas to guide wireframe development and information architecture
- Write user stories to clarify incremental deliverables

Storage Location Requirements

Added by Megan Forbes, last edited by Carly Bogen on May 03, 2011 (view change)

Definition

A location is a specific place where an object or group of objects is stored or displayed.

Requirements

The system should allow the user to:

- Create and maintain a controlled list of storage and display locations
- Create a hierarchical list if necessary

Standards, Guidelines + Use Cases

Use Cases and Community Design Workshop Notes

CDWA Current Location: Gallery/Shelf Location

CHIN Humanities Data Dictionary: Storage Location

CIDOC Excerpts: P53-P55

P53 has former or current location (is former or current location of)

Quantification: many to many, necessary (1,n:0,n)

Scope note: This property allows an instance of E53 Place to be associated as the former or current location of an instance of E18 Physical Thing.

Example: silver cup 232 (E22) has former or current location Display Case 4, Room 23, Museum of Oxford (E53)

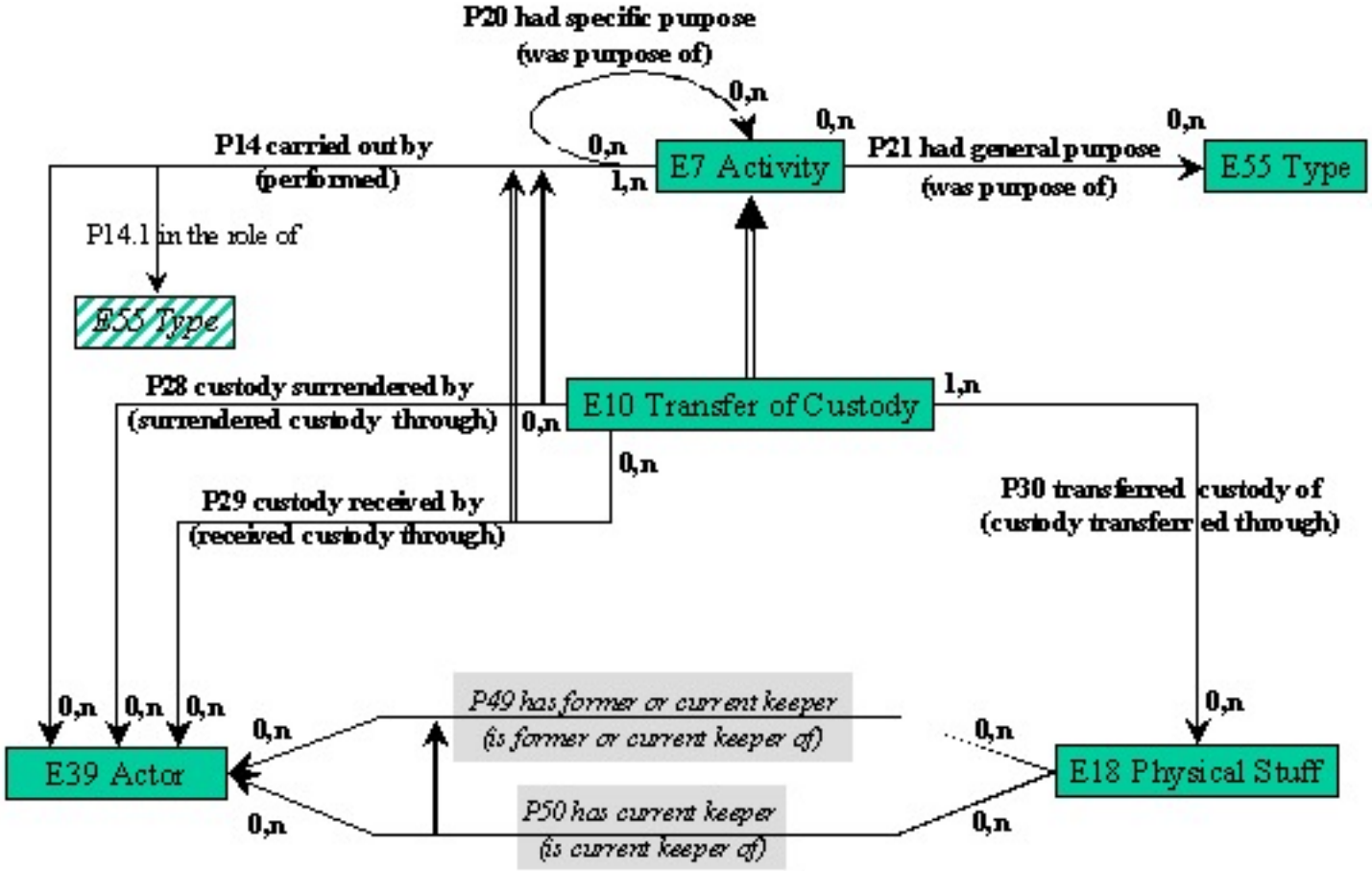
P54 has current permanent location (is current permanent location of)

Quantification: many to one (0,1:0,n)

Scope note: This property records the foreseen permanent location of an instance of E19 Physical Object at the time this property was recorded.

Object Entry Visualization from the CIDOC CRM:

OBJECT ENTRY INFORMATION



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Museum of the Moving Image

Intake (for possible Acquisition)

Donor contacts museum about possible donation OR museum contacts donor with a request for a donation.

If deemed appropriate for the Museum's collection, the artifact(s) is delivered to the museum (donation lot). An artifact receipt is created from a template in Microsoft Word, and issued to donor as proof of transfer of the property to museum for consideration as a donation.

Once a donation is accepted, an intake record is created in the CMS which includes: donor information (managed by the name authority), an accession number, the extent of the donation, the credit line, method of donation, deed of gift date, notes (for valuation and rights). Documents (such as a PDF of the deed of gift) can be attached to this record. The artifacts in the donation lot are given individual number assignments (sometimes in the CMS, sometimes into the Excel inventory worksheet).

Object Entry (after Acquisition or Loan In)

Objects coming in to the Museum are generally inventoried using Microsoft Excel. These inventory sheets are attached to deeds of gift or incoming loan forms. Objects are listed on these inventory sheets at varying hierarchical levels: some in groups, others individually.

Once the donation or loan is formally accepted, the Registrar may assign object accession numbers (handwritten directly onto the Excel sheet) as the objects are processed, or the entire donation/loan may receive one number.

Accession numbers at the Museum are modeled: Year.Donation Number.Object Number, e.g. 1984.5.63. In the CMS, zeros are added to these numbers to ensure proper filing, e.g. 1984.005.0063. If the Registrar does not assign individual

Cataloging Schema

Information Group	Information Unit	Definition	Field Type	Repeatable	Notes	Example
Object identification information	Object number	A unique number identifying an object or specimens, including any separated parts.	Controlled number	No		
	Other number	An alternative number for an object other than the Object number.	Controlled number	Yes		
	> Other number type	A description of an Other number assigned to an object.	Controlled text	No		
	Brief description	A text description of an object in approximately one sentence; normally used for administrative and identification purposes. It records the most important information from a number of separate descriptive units of information.	Text	Yes		
	Comments	Additional comments made about an object by visitors, curators or researchers.	Text	Yes		
	Distinguishing features	A description of features which could uniquely identify an object, bringing together details from other groups or units of information such as Identification, Inscription, condition which could in a sentence uniquely identify an object.	Text	No		
	Number of objects	A record of the number of objects at the next level down in an object record.	Number	No		
	Object name	A description of the form, function or type of object.	Controlled text	Yes		
	> Object name currency	A statement of the status of an Object name.	Controlled text	No		archaic

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Functionality

Resource Management
Media Handling
Variable Media Cataloging

Vocabulary + Authority Control
Names
Places
Concepts

Conservation
Object Condition Checking and Technical Assessment

Customization + Personalization
System Administrator Customization
System Technician Customization

Collections Management
Object Entry
Acquisition
Inventory Control
Location and Movement Control
Cataloging
Object Exit
Structure Object Management
Retrospective Documentation
Batch Processing

Data Management
Collections Exposure
Data Import and Export
Search
Metadata Configuration
Reporting

System Administration
Audit Trail
Roles and Permissions
Security
Documentation

Loans
Loans In
Loans Out

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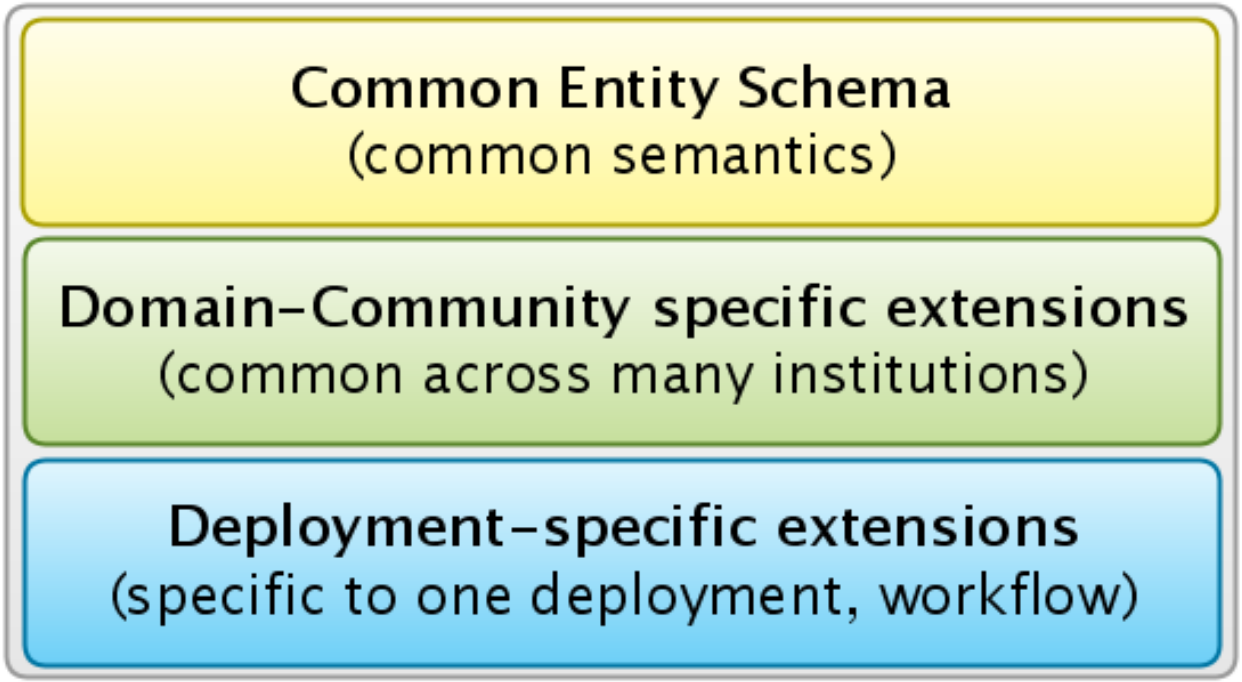
A Flexible Application

- Services-oriented architecture provides an approach and an application that can be used as a cohesive whole, or in smaller implementations to achieve specific goals.
- Two deployment options: stand-alone and SaaS
- Designed to "play well with others," including digital asset management systems and web-based publishing platforms.
- Default data schema is based on the widely-used SPECTRUM documentation standard, which has allowed us to focus on developing core functionality – those activities which we share in common – without limiting usefulness to specific domains.

Schema Extension Model



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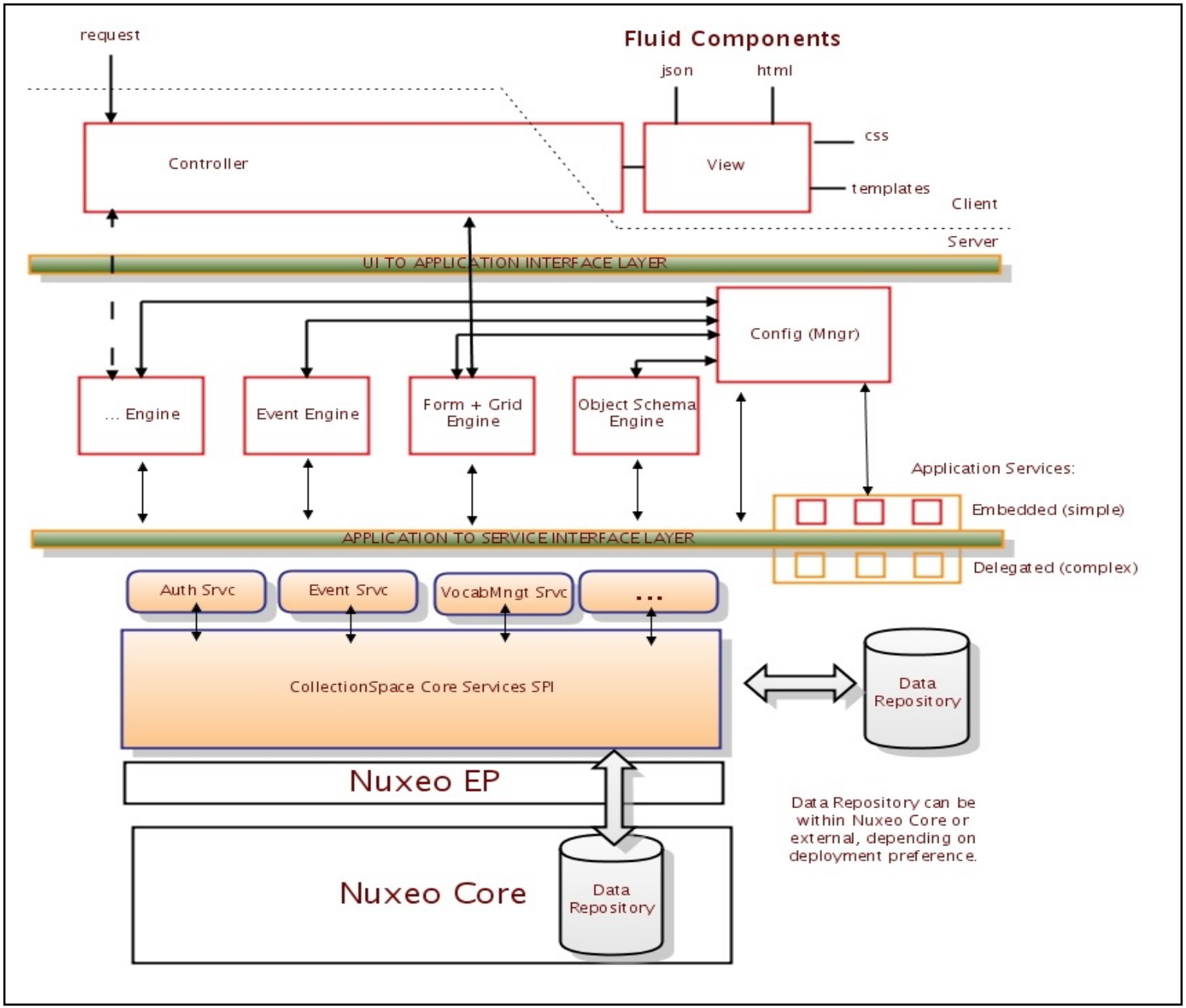

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Hi, Megan Forbes Sign out

Advanced search

All Record Types | Search

My CollectionSpace | Create New | Find and Edit | Administration

1984.068.0001 - Posters. Hearts Adrift.

Cataloging

Current Record | Cataloging | Loan In | Loan Out | Acquisition | Loc/Mov/Inv... | Object Exit | Intake | Group | Media Handling

2 of 525
Return to search

Create new from existing | Cancel changes | Delete | Save

Object Identification Information

Identification Number*
1984.068.0001 Select number pattern

Other number

Other number	Other number type
	Please select a value

Collection category
Marketing

Artifact class	Work type
Posters and related display materials	Posters

Extent
1

Object title
Posters. Hearts Adrift.

Caption
Poster, Hearts Adrift, 1914

Administrative remarks

Record Status
Completed/Publish

Initial cataloging completed
☑

Additional research required
☐

Approved by curator
☐

Object Description Information

Description
Poster for the film Hearts Adrift. The poster features an illustration of Mary Pickford.

Run Report
Please select a value | Run

Media Snapshot

1 of 2 Next >

Terms Used

Term	Type	Field
Hearts Adrift (1914)	work	contentWork
Famous Players Film Co.	person	objProdEntity
Mary Pickford	person	contentEntity

5 per page < 1 > Total of 3 items.

Cataloging Add

No records yet.

Procedures Add

Number	Title	Last Edit Date
794		2012-09-19T04:57:49Z
8880		2012-09-18T17:01:26Z
2005-06-24-548	MST:35:1:3	2012-09-15T06:53:43Z
2010-12-28-546	BTS:3:4:1	2012-09-15T06:25:59Z
2007-06-25-547	BTS:2:16:5	2012-09-15T06:25:58Z

5 per page < 1 2 (last) > Total of 6 items.

Project Ethos

- Develop features and functions that meet local needs then contribute them back for use by the entire community
- Code contribution process:
  - Same principles as CSpace software development process
  - May result in contribution being integrated into the core code
    - or
  - May result in availability via registry
- *Examples:*
  - *Variable media and NAGPRA cataloging templates*
  - *Condition check – checklist for loans*
  - *Translations into many languages*

CollectionSpace | CollectionSpace - Login

test.collectionspace.smk.dk:8180/collectionspace/ui/smk/html/person.html?csid=b3fb4837-a984-403c-b3c9-23337c40214a

Google | Home - Corpus - S... | Functional Team Ho... | Schema - Collection... | Roadmap to 3.0 Dev... | Categories for the D... | CollectionSpace De... | Wireframes - Repeat... | CollectionSpace - L... | Andre bogmærker

SMK corpus

Velkommen, Administrator | Log ud

Avanceret søgning

Katalogisering | Søg

Senest redigerede... | Opret ny | Find og redigér | Administration

Per Kirkeby

Person

Aktuel post

1 of 3 Return to search

Opret ny fra eksisterende | Annuller ændringer | Slet | Gem

Person

Display navn*: Per Kirkeby

Numre

Nummer	Nummertype
1150	KIDnr.
63384	Regin ID

Hilsen	Adresseringsform	Fornavn	Mellemnavn	Efternavn	Tilføjelser	Initialer
Dear	Please select a value	Per		Kirkeby		

Køn: Mand

Født: 1938-09-01

Fødselssted: København

Titel
- billedhugger
- forfatter
- maler

Død:

Dødssted:

Nationalitet
- dansk

Aktivitet(er)

Aktivitet	Sted
værksted	Danmark
værksted	Tyskland
værksted	Italien

Biografisk note

Note	Sprog
Tegninger: Td 852a, b, c, d, e, f, g, h, i, j, k,Grafik: 828a, 954c, Sk 4 1/2, Sk 17b, Sk 25Grafik i bøger: jaGrafik i tidsskrifter: jaPlakatsamling s	dansk

Ophavsret

Kør rapport: Please select a value | Kør

Mediefiler

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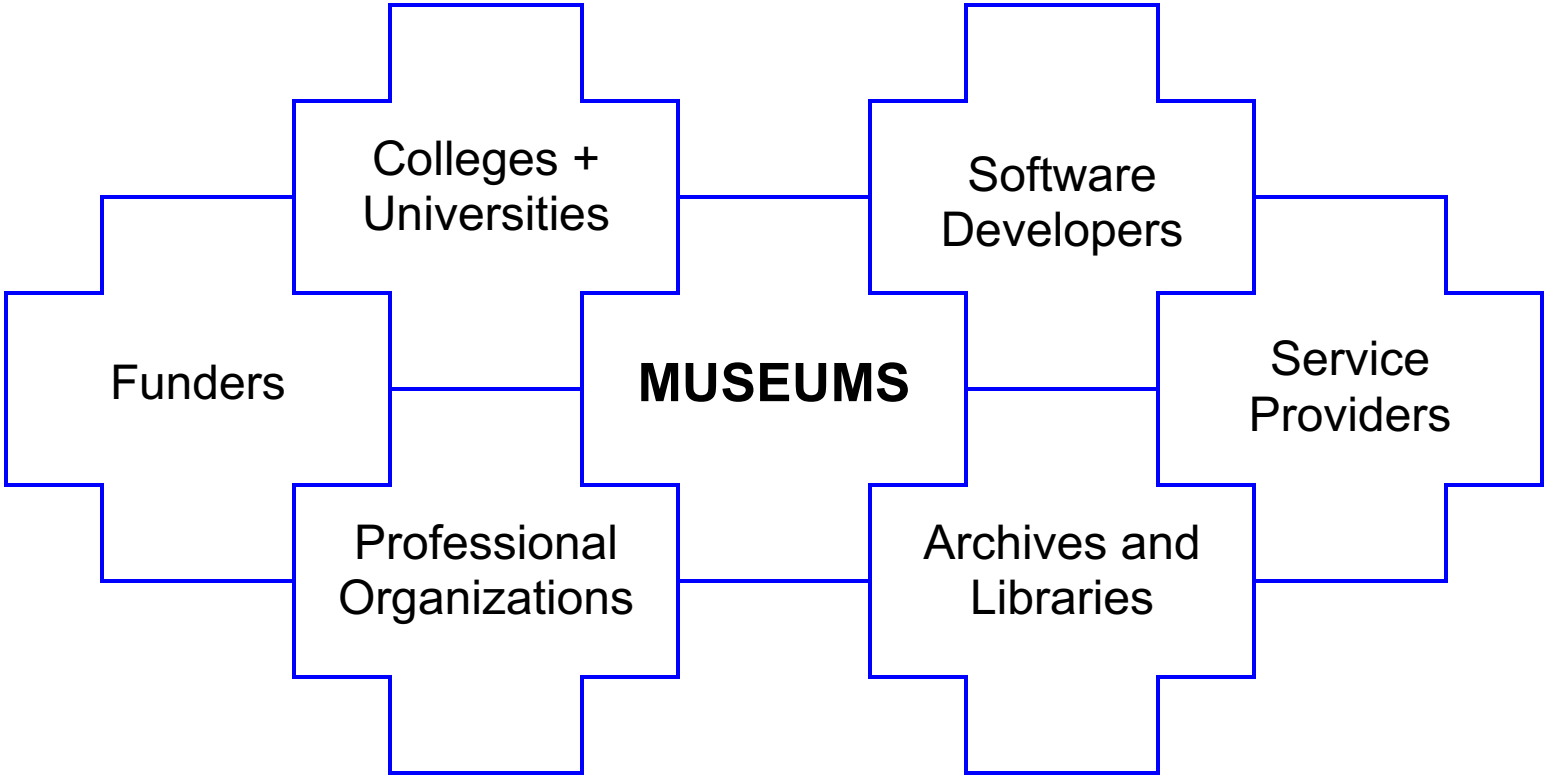
Anvendt i (0)

Ingen relationer tilknyttet

Anvendt i (0)

Fandt ingen relaterede poster

Sustainability



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Broad: Focus on Six Profiles

Historical Artifacts and Popular Culture
Museum of the Moving Image

Art Centers/Contemporary Art
The Walker Art Center

Fine Art
Statens Museum for Kunst

Anthropology
Phoebe A. Hearst Museum

Herbaria/Botanical
University and Jepson Herbaria/Botanical Garden

Visual Resources
History of Art Visual Resource Collection

Deep: 2 Deployment Options

- Stand-alone option
  - Current release 3.2
- SaaS option (http://saas-demo.collectionspace.org/)
  - Timkin Museum (fine art)
  - Museum of Man (anthropology)
  - Walker Art Center (art center)
- Cultivating Service Providers
  - US/UK/Europe/Australia/Asia

Sustained: Healthy organization

- Subscription model
- Governance that includes
  - Advisors
  - Board of Directors
  - Core Team
- On-going core development, hosted offering, support services
- Community of registered service providers
- Standardized stand-alone and SaaS offerings
- Strong partnerships and collaborations with sister projects (ConservationSpace, ResearchSpace), adjacent domains, and audiences

Join us!

- CollectionSpace website: www.collectionspace.org
- Try CollectionSpace: demo.collectionspace.org
- Join the conversation: http://lists.collectionspace.org/mailman/listinfo/talk_lists.collectionspace.org
- Contribute a use-case: wiki.collectionspace.org
- Follow the development cycle: issues.collectionspace.org

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