

An Open Source System for the Inventory and Management of Immovable Cultural Heritage

HEIRNET-FISH Meeting

Edinburgh, Scotland, November 26, 2013





Background and Rationale





The Getty Conservation Institute

About the Conservation Institute

Our Projects

Core Areas of Work

Publications & Resources

Search GCI





Publications & Resources

- AATA Online
- Project Bibliographies (searchable)
- ▶ Teaching & Learning Resources
- ▼PDF Publications
 - Volume II. Illustrated Examples
- ▶ Books for Purchase
- Conservation Perspectives, The GCI Newsletter
- GCl e-Bulletin
- Multimedia (videos & slideshows)
- GCI Reference Collection (for materials analysis)
- Lectures & Conferences
- Research Assistance at GCL Information Center
- Conservation Collection at Research Library
- Links to Cultural Heritage Policy Documents
- Other Conservation Websites

Recording, Documentation, and Information Management for the Conservation of Heritage Places: Illustrated Examples

Edited by Rand Eppich and Amel Chabbi 2008 164 pages

Download in sections



Volume II: Illustrated Examples

This volume contains a series of illustrated case studies that demonstrates the successful use of diverse approaches to recording and documentation in a variety of situations. The examples cover a wide range of site typologies from individual buildings to cultural landscapes, and run the gamut of documentation techniques from hand survey to laser scanning. In each case, the approach to documentation is based, first and foremost, on the conservation needs of the site and the context in which the work takes place; technology, tools, and high-tech gadgets are secondary considerations.

Downloadable in sections.

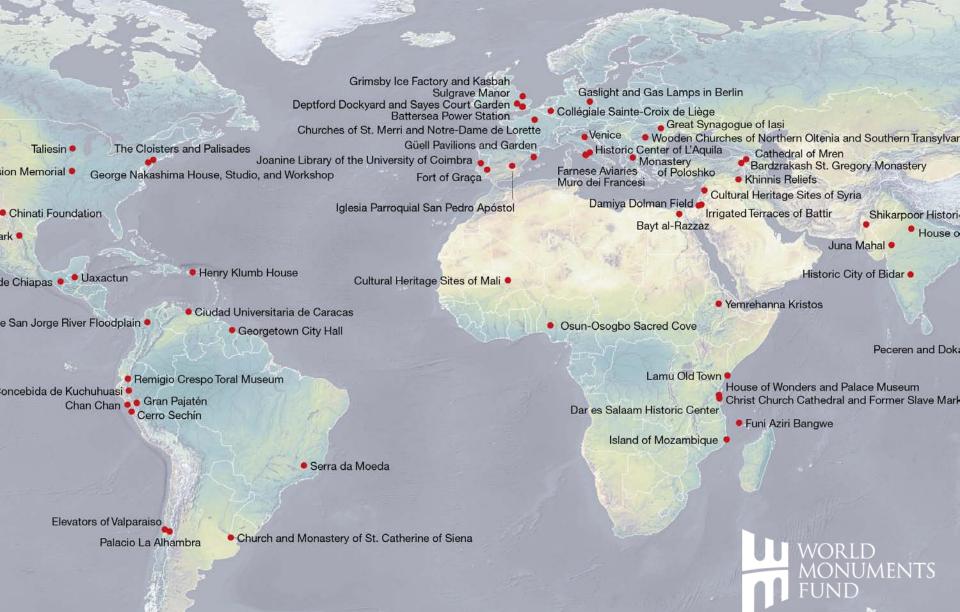
Introduction. Pages i-10. (PDF, 23pp., 1.3MB)

Download PDF

Related Publications

Volume I: Guiding Principles

2014 Watch Map

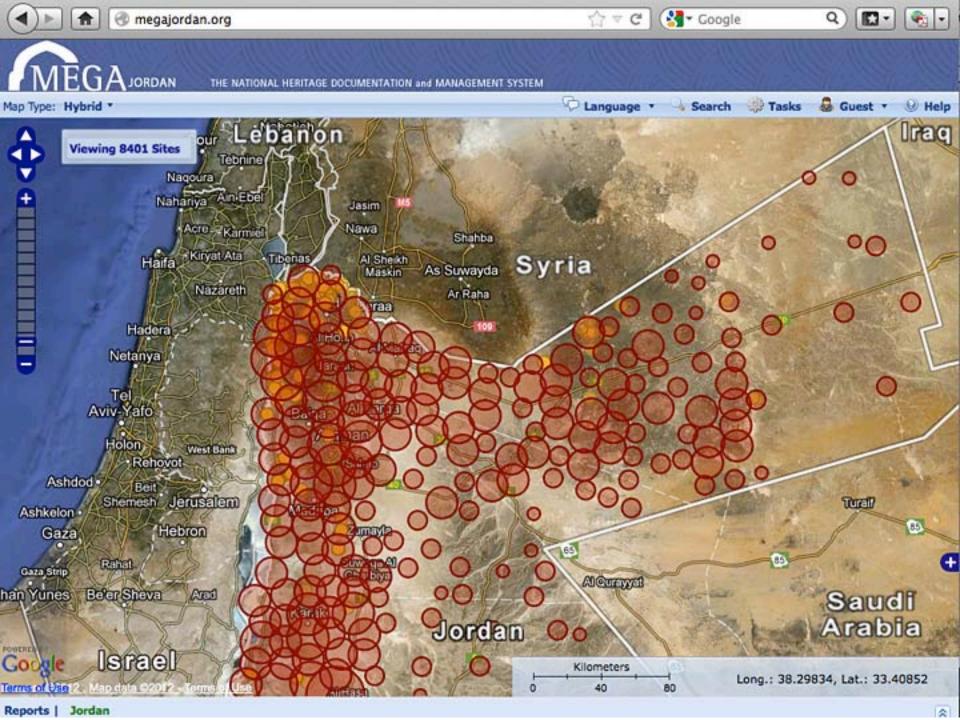




Iraq Cultural Heritage Conservation Initiative





















Our approach to addressing challenges:

generic system

software available at no cost

independently deployable

data may be as open or closed as needed

data structured to protect it for future

Design principles:

economic

customizable and flexible

accessible and easy to use

standards-based

CIDOC

Comité international pour la documentation, conseil international des musées

International documentation committee, international council of museums

INTERNATIONAL CORE DATA STANDARD FOR ARCHAEOLOGICAL AND ARCHITECTURAL HERITAGE

Sites Working Group

Arrough credit card orders for 10.00 USD COM, Maison de Unesco, 1, Rue Miollis, ance

ax: + 33 1 43067862



Definition of the CIDOC Conceptual Reference Model

Produced by the ICOM/CIDOC Documentation Standards Group, Continued by the CIDOC CRM Special Interest Group

Version 5.0.4

November 2011

Editors: Nick Crofts, Martin Doerr, Tony Gill, Steph

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modern IT architecture

integrated search engine

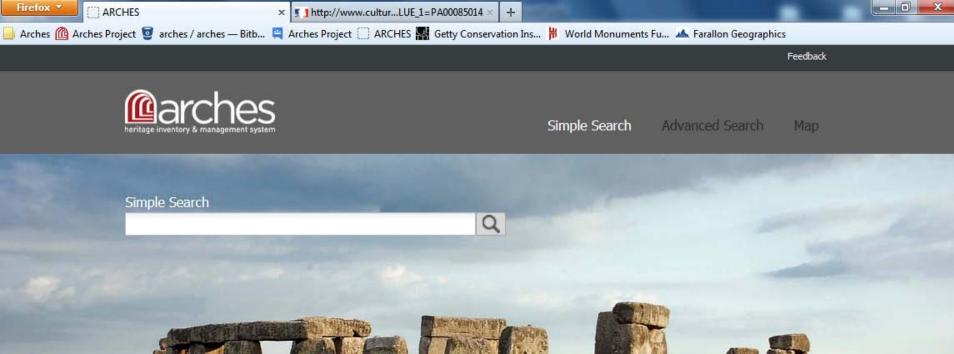
collaborators







System Overview







The Getty Conservation Institute



Arches developed by Farallon Geographics, Inc.

Arches is open source. Get Arches at www.archesproject.org

















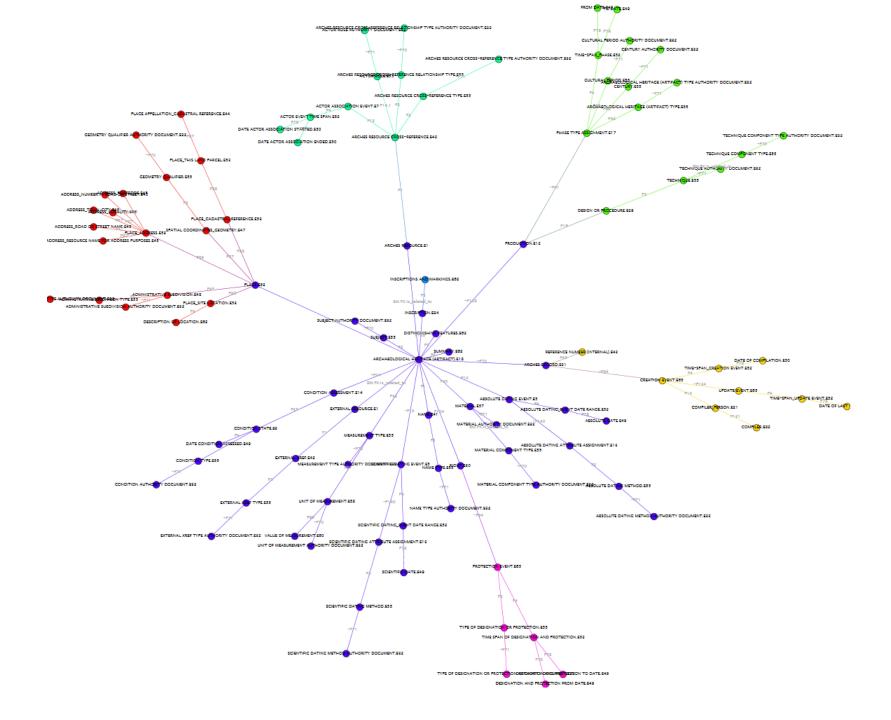






This section of the presentation contained a number of slides providing a demo of the Arches system. An online demo can be accessed at:

http://archesproject.org/demo/



NAME TYPE AUTHORITY DOCUMENT E32 Authority Document PATIS ISTOCIA **NAME TYPE** E55 Type A has type **NAME E41** Appellation AT IS IDENTIFIED BY **ARCHITECTURAL HERITAGE E18** Physical Thing

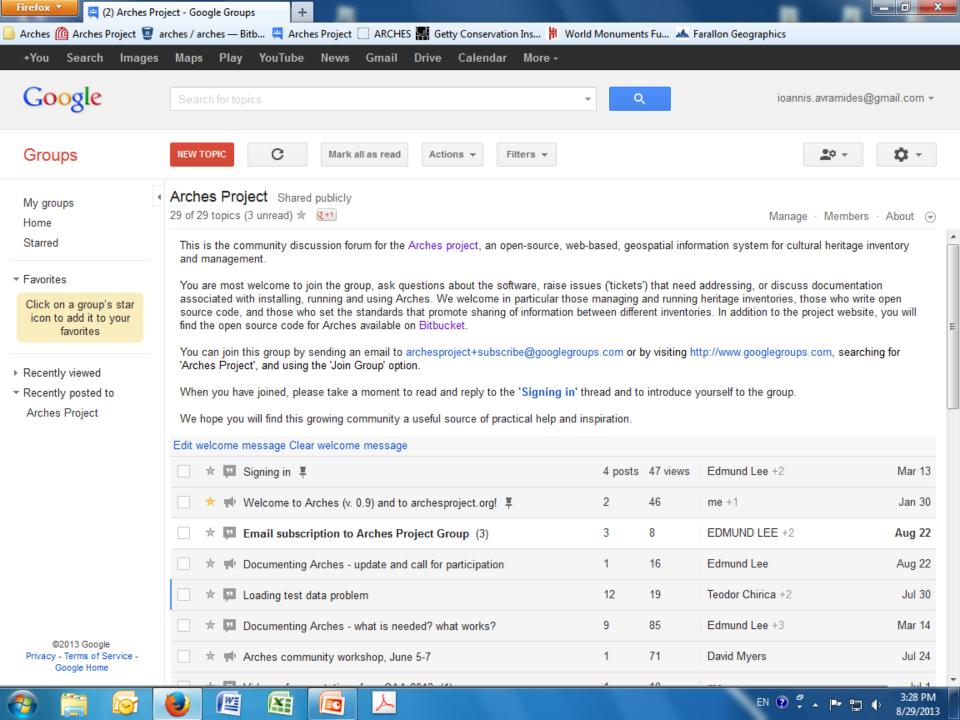
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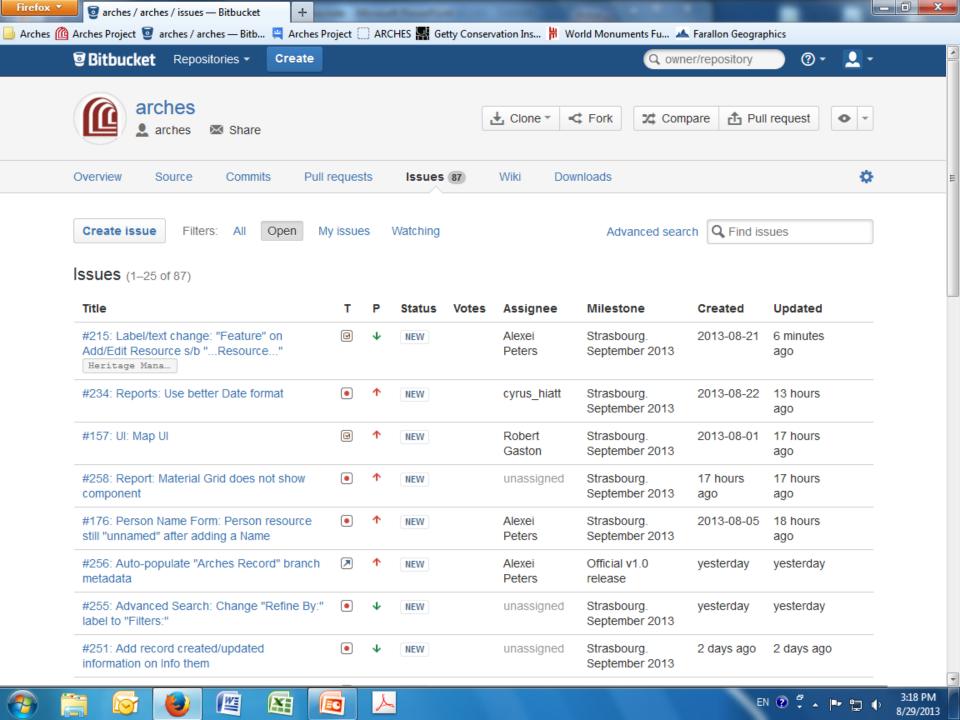
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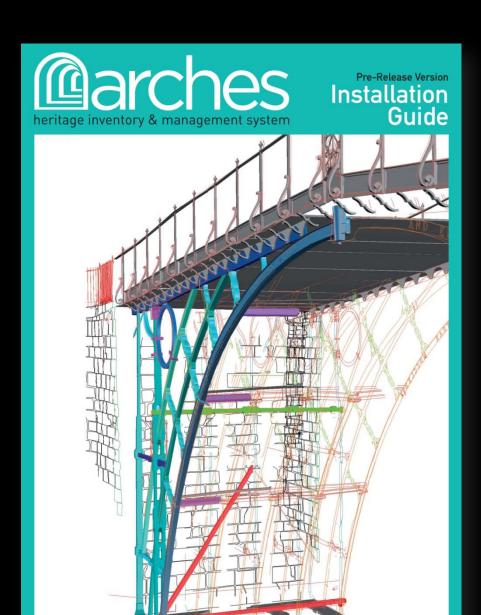
NAME TYPE AUTHORITY DOCUMENT **E32** Authority Document Alternative Former Formerly Identified As Historic Local Transliteration Latest Maiden NAME TYPE Original E55 Type Primary Pseudonym Registered Primary Sobriquet Statutory A has type **NAME E41** Appellation "Bâtiment de l'Aubette" Py is identified by **ARCHITECTURAL HERITAGE E18** Physical Thing

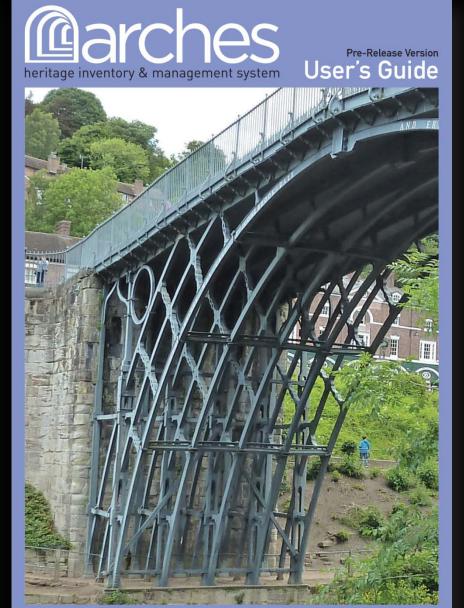
Open Source Community











Roadmap

v. 0.9 (January 2013)

- CIDOC CRM ontology implemented
- CIDOC Core Data Standard implemented
- Map-based data display
- Ability to register and visualize GIS map services
- Integrated search engine and automated indexing scripts
- Inclusion of test data
- Simple search function
- Simple reporting function
- Installation scripts and documentation for Windows/Linux

v. 1.0 (October 2013)

- Data management forms (including creating, editing, retiring, and retrieving data)
- Complete mappings between Core Data Standard and CIDOC CRM
- Concept schema to manage controlled vocabularies
- User roles

- Dedicated Simple and Advanced search user interfaces
- Styled reports
- Basic data export (KML, CSV)
- Expanded test data
- Simple data import (Excel, CSV, minimum entity types)
- System configuration using Django admin interface
- AMI (Amazon Machine Image)

v. 1.1

- Enhanced system configuration
- Advanced Data Import (XML, Shapefile)
- Advanced Data Export (XML, RDF, Shapefile)
- Field data collection (tablet)
- API (Application Programming Interface)

v. 2.0

- Collaboration (saving/sharing maps)
- Metadata (Dublin Core)
- Projects (by jurisdiction/type)

Research Home) Tools) Union List of Artist Names) Full Record Display



Union List of Artist Names® Online Full Record Display

New Search

◆ Previous Page

? Help

Click the $\frac{1}{4}$ icon to view the hierarchy.

ID: 500007926 Record Type: Person

A Doesburg, Theo van (Dutch painter, writer, and author, 1883-1931)

Note: Doesburg was born on August 30, 1883 and died on March 7, 1931. His given name was Christian Emil Marie Kupper, but he adopted Theo van Doesburg in memory of his father. "I. K. Bonset" and "Aldo Camini" were pseudonyms. Van Doesburg is best known as the founder and editor of the journal 'De Stijl', which brought together painters and architects in support of Modern art. Among his supporters and collaborators were the artist Piet Mondrian, and the architects J. J. P. Oud and Jan Wils. Van Doesburg's own paintings were abstractions based on nature, dissolving the difference between foreground and background. In the early 1920s, Van Doesburg travelled to Germany, where he lectured at the Bauhaus and was involved in the Dada movement. In 1923 he moved to Paris and experimented with different concepts in architecture. Unlike the other sources, Macmillan indicates that van Doesburg was not an architect, although his works "... have some significance for the history of modern architecture... he was a painter, designer, typographer, critic, writer, and teacher...". Dutch architect, painter and prominent member of De Stijl group.

Names:

Doesburg, Theo van (preferred,V,index,LC)
Theo van Doesburg (V,display)
Christian Emil Marie Kupper (V)
Küpper, Christian Emil Marie (V)
Küppers, Christian Emil Marie (V)
Christian Emil Maria Kupper (V)
Christian Emil Marie Küpper (V)
Kupper, Christian Emil Marie (V)
Van Doesburg, Theo (V)
Bonset, I. K. (V)
Camini, Aldo (V)
Doesburg, Theo Van (V)
Theo Van Doesburg (V)
Doesburg, Christian Emil Maria Kupper (V)
Küpper, C. E. M. (U)

Nationalities:

Dutch (preferred)

Roles:

artist (preferred)
theorist
editor
architect
painter
author
designer
sculptor
teacher
typographer
writer

Gender: male

Birth and Death Places:

Born: Utrecht (Utrecht province, Netherlands) (inhabited place)
Died: Davos (Graubünden, Switzerland) (inhabited place)



search arches

Home

About

Development

FAQ

Blog

Community



Arches: Heritage Inventory & Management System

Arches is an open-source, web-based, geospatial information system for cultural heritage inventory and management. Purpose-built for the international cultural heritage field, Arches is designed to record all types of immovable heritage, including archaeological sites, buildings and other historic structures, landscapes, and heritage ensembles or districts.



Why Arches?

Arches is purpose-built for the cultural heritage field. Learn more about its many features, and how you or your organization may benefit from using it.



Development

Access development code and other resources for software developers. Arches is open source software distributed under the GNU Affero General Public License, version 3.



Roadmap

Learn about current and planned features in the development of Arches, and about the future of the project.

See Arches!

Get Arches!

Recent blog posts

- A workshop to lead us into the homestretch August 14, 2013
- Welcome to the new Arches community blog! July 31, 2013
- Presentations on Arches from CAA 2013
 June 22, 2013

Click here to subscribe to an announcement list to receive news and updates about the Arches project





archesproject.org