WissKI

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Referat für Museums- und Kulturinformatik
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http://hohmann.io

Projekt

- Gefördert von der DFG 2009 – 2011
- Projektpartner
  - Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), Lehrstuhl für Informatik 8: Künstliche Intelligenz (Prof. Dr. Günther Görz)
  - Germanisches Nationalmuseum (GNM) Nürnberg, Referat für Museums- und Kulturinformatik (Dr. Siegfried Krause)
  - Zoologisches Forschungsmuseum Alexander Koenig (ZFMK) Bonn, Biodiversitätsinformatik (Dr. Karl-Heinz Lampe †)
- http://www.wiss-ki.eu

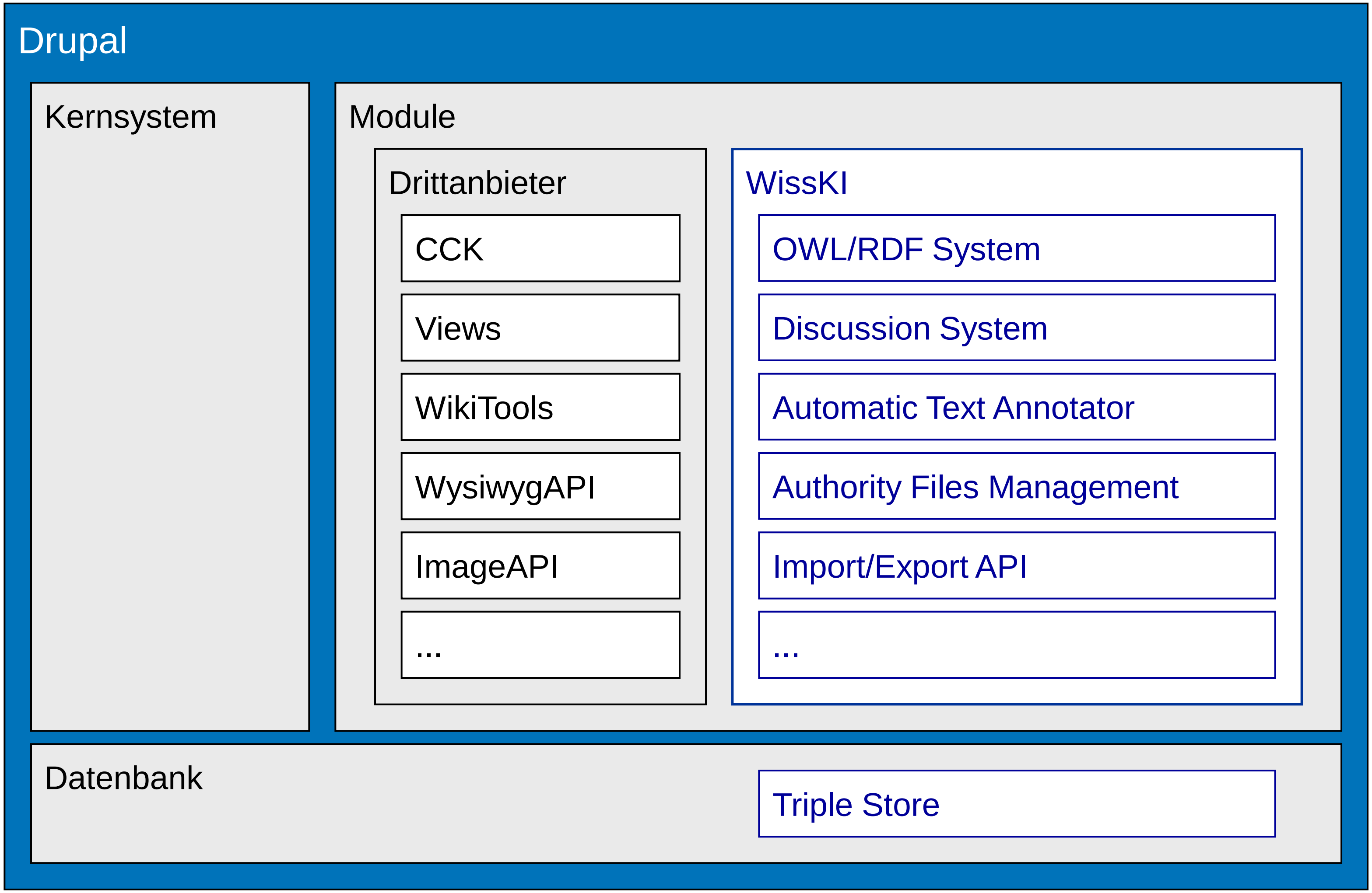
Ziele

- Erstellung einer virtuellen Forschungsumgebung, die …
  - vollständig webbasiert ist.
  - durchgängig semantische Technologien verwendet.
  - wissenschaftliche Dokumentation in Gedächtnisinstitutionen (Museen, Archive und Bibliotheken) unterstützt.
  - Verknüpfen von Wissen über spezifische Wissensdomänen hinweg ermöglicht.

  - wissenschaftliche Kommunikation unterstützt.
  - kollaborative Wissenschaft unterstützt.
  - in der Vorbereitung wissenschaftlicher Publikationen assistiert.
  - dauerhaften Zugriff auf Forschungsergebnisse ermöglicht.
  - persistente Zitierbarkeit gewährleistet.

  - als Plattform für kuratiertes Wissen dient.

Softwarearchitektur



Drupal

Kernsystem

Module

Drittanbieter

- CCK
- Views
- WikiTools
- WysiwygAPI
- ImageAPI
- ...

WissKI

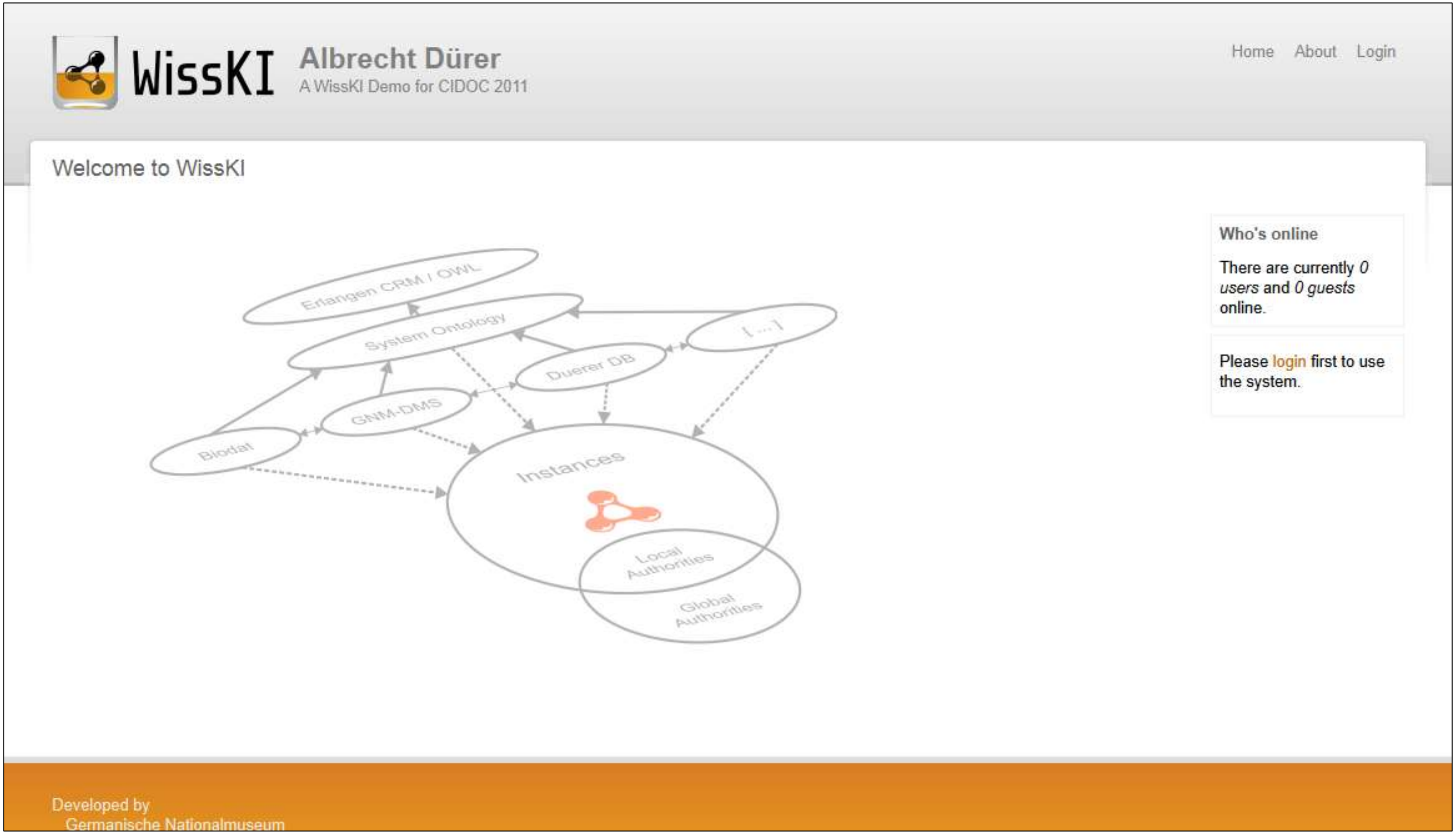
- OWL/RDF System
- Discussion System
- Automatic Text Annotator
- Authority Files Management
- Import/Export API
- ...

Datenbank

- Triple Store

Die verwendete Software steht unter einer freien Softwarelizenzen zur Verfügung.

Login


WissKI
Home
About
Login
Erlangen CRM / OWL
System Ontology
Dueren DB
[...]
GNM-DMS
Biodat
Instances
Local Authorities
Global Authorities

Albrecht Dürer

A WissKI Demo for CIDOC 2011

Welcome to WissKI

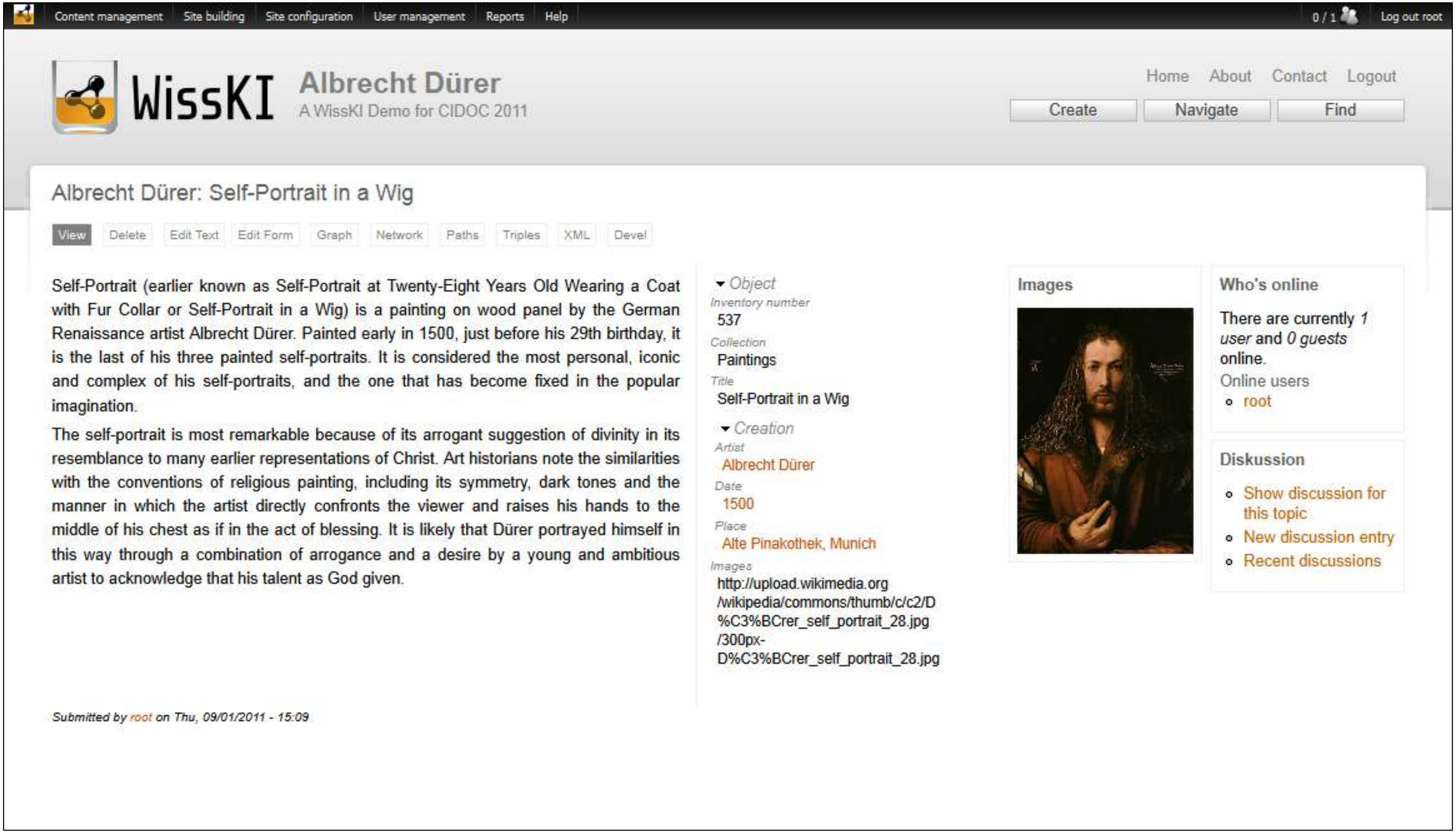
Who's online

There are currently *0 users* and *0 guests* online.

Please login first to use the system.

Developed by
Germanische Nationalmuseum

Standardansicht


Content management
Site building
Site configuration
User management
Reports
Help
0 / 1
Log out root
WissKI
Home
About
Contact
Logout
Create
Navigate
Find
View
Delete
Edit Text
Edit Form
Graph
Network
Paths
Triples
XML
Devel

Albrecht Dürer

A WissKI Demo for CIDOC 2011

Albrecht Dürer: Self-Portrait in a Wig

Self-Portrait (earlier known as Self-Portrait at Twenty-Eight Years Old Wearing a Coat with Fur Collar or Self-Portrait in a Wig) is a painting on wood panel by the German Renaissance artist Albrecht Dürer. Painted early in 1500, just before his 29th birthday, it is the last of his three painted self-portraits. It is considered the most personal, iconic and complex of his self-portraits, and the one that has become fixed in the popular imagination.

The self-portrait is most remarkable because of its arrogant suggestion of divinity in its resemblance to many earlier representations of Christ. Art historians note the similarities with the conventions of religious painting, including its symmetry, dark tones and the manner in which the artist directly confronts the viewer and raises his hands to the middle of his chest as if in the act of blessing. It is likely that Dürer portrayed himself in this way through a combination of arrogance and a desire by a young and ambitious artist to acknowledge that his talent as God given.

Submitted by root on Thu, 09/01/2011 - 15:09

▾ *Object*

Inventory number
537

Collection
Paintings

Title
Self-Portrait in a Wig

▾ *Creation*

Artist
Albrecht Dürer

Date
1500

Place
Alte Pinakothek, Munich

Images
http://upload.wikimedia.org/wikipedia/commons/thumb/c/c2/D%C3%BCrer_self_portrait_28.jpg/300px-D%C3%BCrer_self_portrait_28.jpg

Images

Who's online

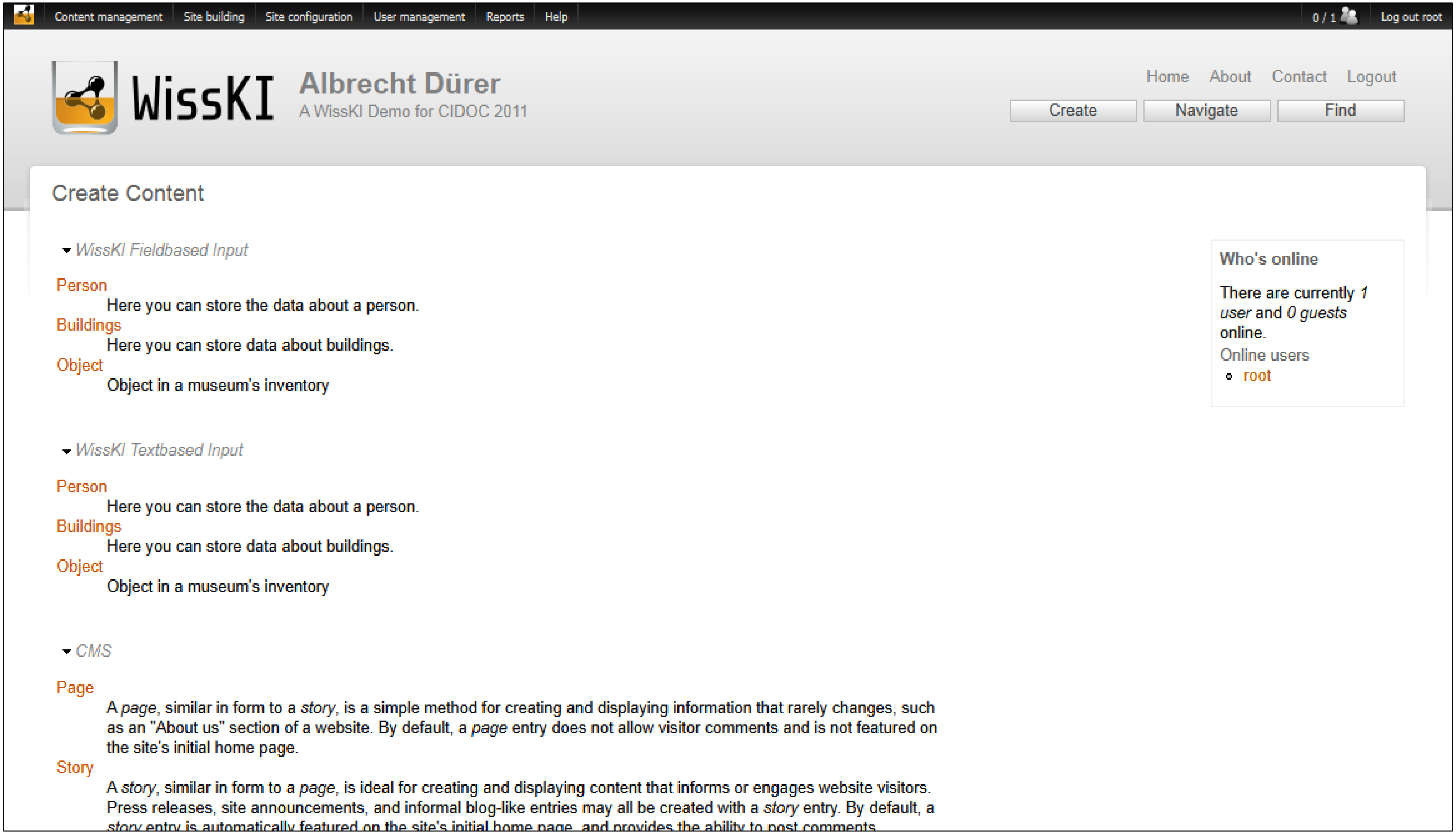
There are currently *1 user* and *0 guests* online.

Online users
- root

Diskussion

- Show discussion for this topic
- New discussion entry
- Recent discussions

Datenerfassung


Content management
Site building
Site configuration
User management
Reports
Help
0 / 1
Log out root
WissKI
Home
About
Contact
Logout
Create
Navigate
Find

Albrecht Dürer

A WissKI Demo for CIDOC 2011

Create Content

▾ *WissKI Fieldbased Input*

Person	Here you can store the data about a person.
Buildings	Here you can store data about buildings.
Object	Object in a museum's inventory

▾ *WissKI Textbased Input*

Person	Here you can store the data about a person.
Buildings	Here you can store data about buildings.
Object	Object in a museum's inventory

▾ *CMS*

Page	A *page*, similar in form to a *story*, is a simple method for creating and displaying information that rarely changes, such as an "About us" section of a website. By default, a *page* entry does not allow visitor comments and is not featured on the site's initial home page.
Story	A *story*, similar in form to a *page*, is ideal for creating and displaying content that informs or engages website visitors. Press releases, site announcements, and informal blog-like entries may all be created with a *story* entry. By default, a *story* entry is automatically featured on the site's initial home page, and provides the ability to post comments.

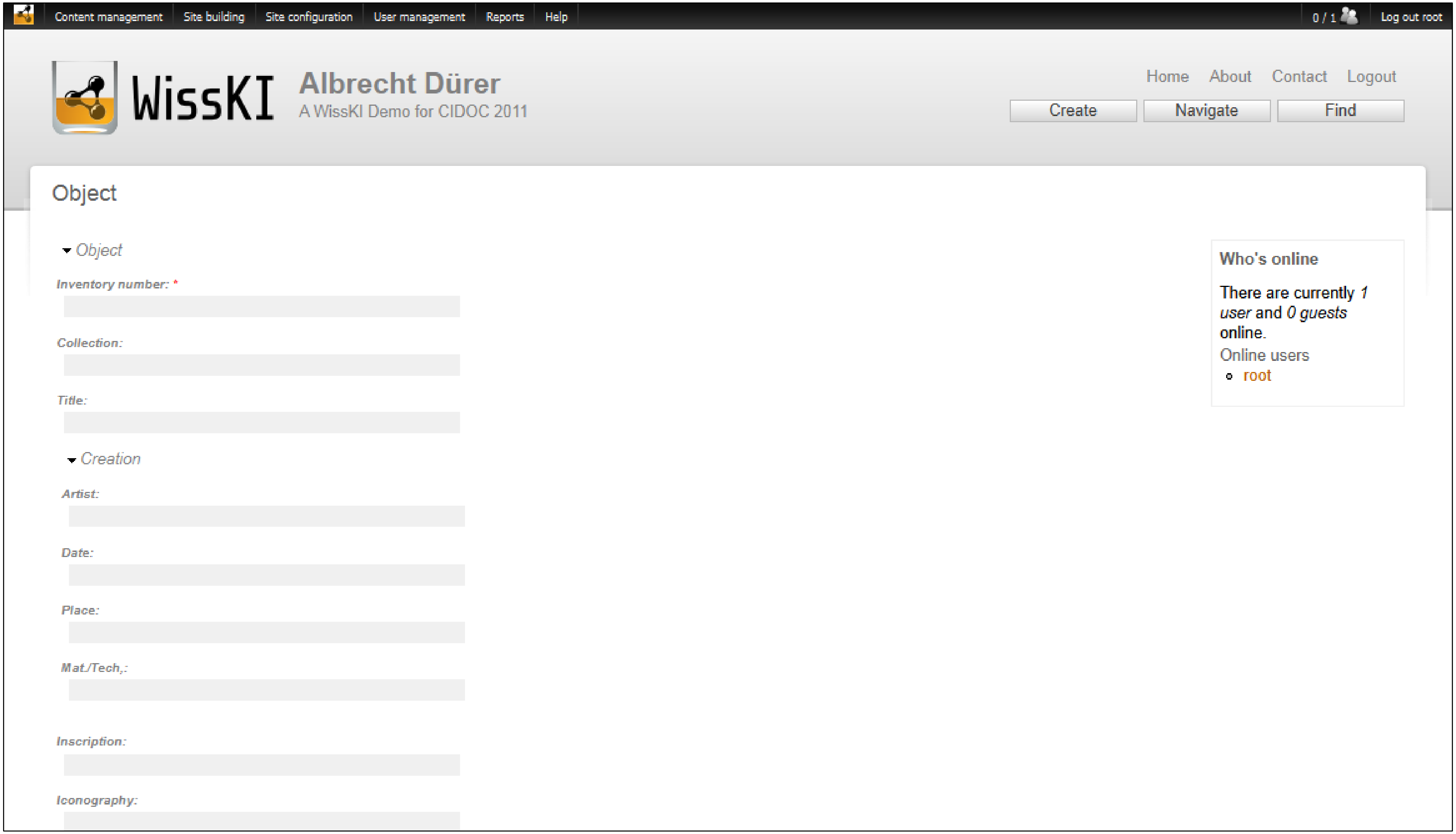
Who's online

There are currently *1 user* and *0 guests* online.

Online users

- root

Formularbasierte Datenerfassung



Content management
Site building
Site configuration
User management
Reports
Help
0 / 1
Log out root
WissKI
Home
About
Contact
Logout
Create
Navigate
Find

Albrecht Dürer

A WissKI Demo for CIDOC 2011

Object

▾ *Object*

Inventory number: *

Collection:

Title:

▾ *Creation*

Artist:

Date:

Place:

Mat./Tech,:

Inscription:

Iconography:

Who's online

There are currently *1 user* and *0 guests* online.

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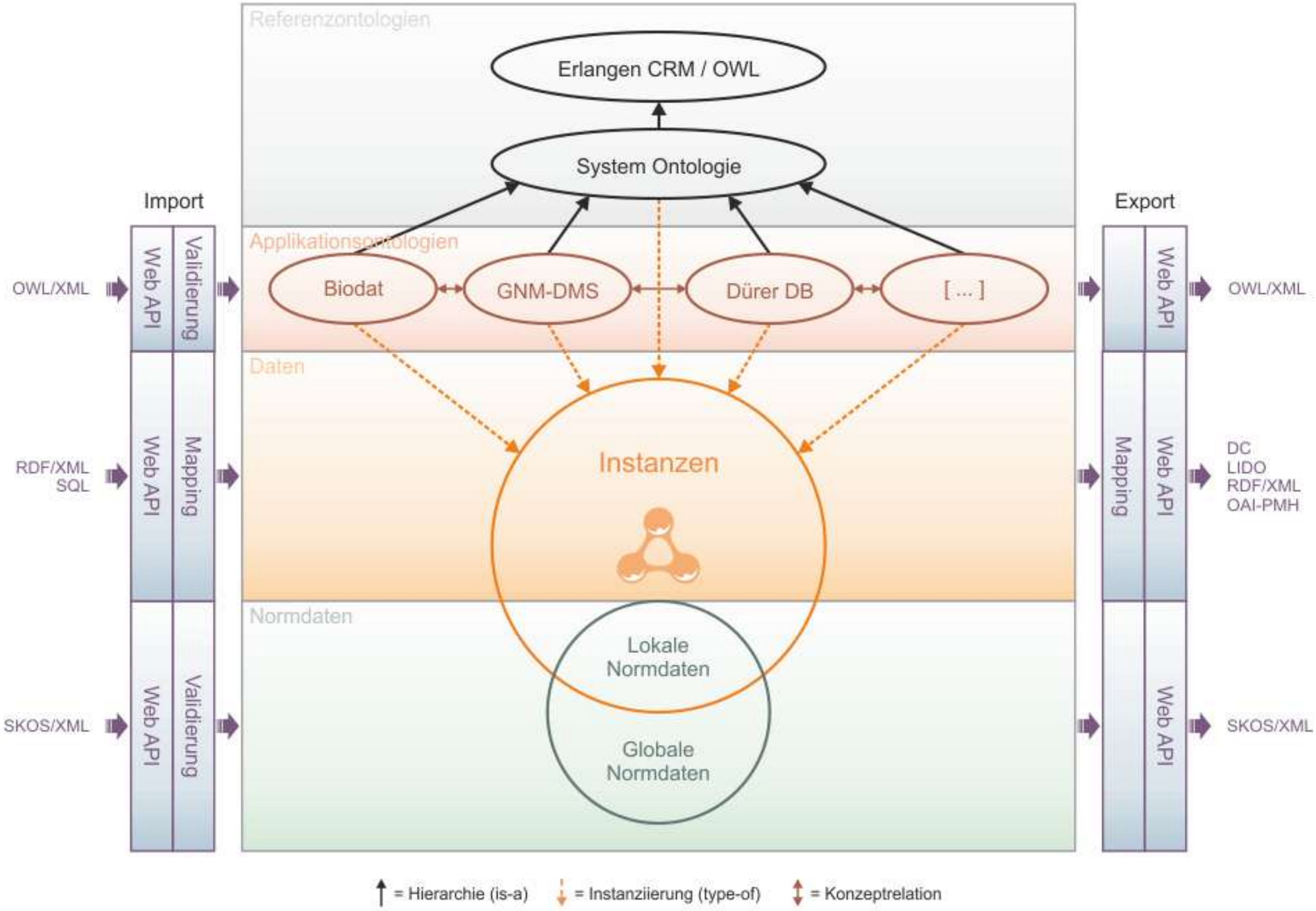
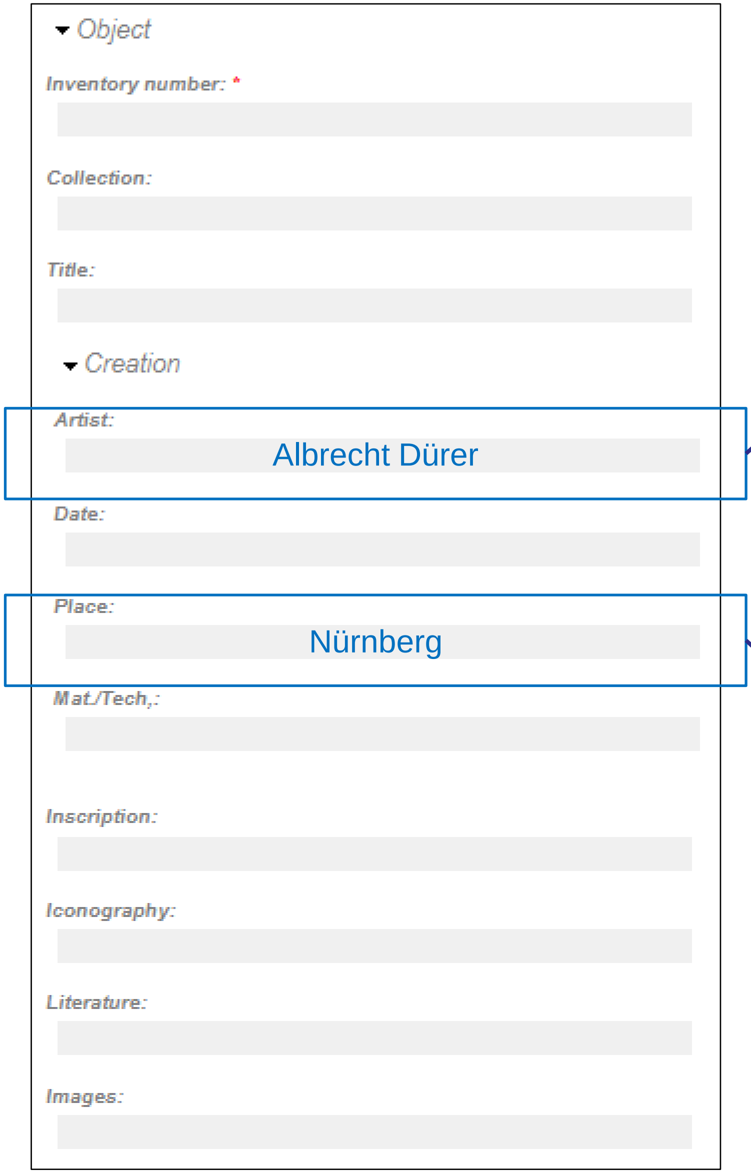
- root

Systemdiagramm


Referenzontologien
Erlangen CRM / OWL
System Ontologie
Import
Export
Applikationsontologien
Biodat
GNM-DMS
Dürer DB
[…]
Daten
Instanzen
Normdaten
Lokale Normdaten
Globale Normdaten
OWL/XML
Web API
Validierung
RDF/XML
SQL
Web API
Mapping
SKOS/XML
Web API
Validierung
Web API
OWL/XML
Mapping
Web API
DC
LIDO
RDF/XML
OAI-PMH
Web API
SKOS/XML
= Hierarchie (is-a)
= Instanziierung (type-of)
= Konzeptrelation

Semantische Formulare



Object

Inventory number: *

Collection:

Title:

Creation

Artist: Albrecht Dürer

Date:

Place: Nürnberg

Mat./Tech.:

Inscription:

Iconography:

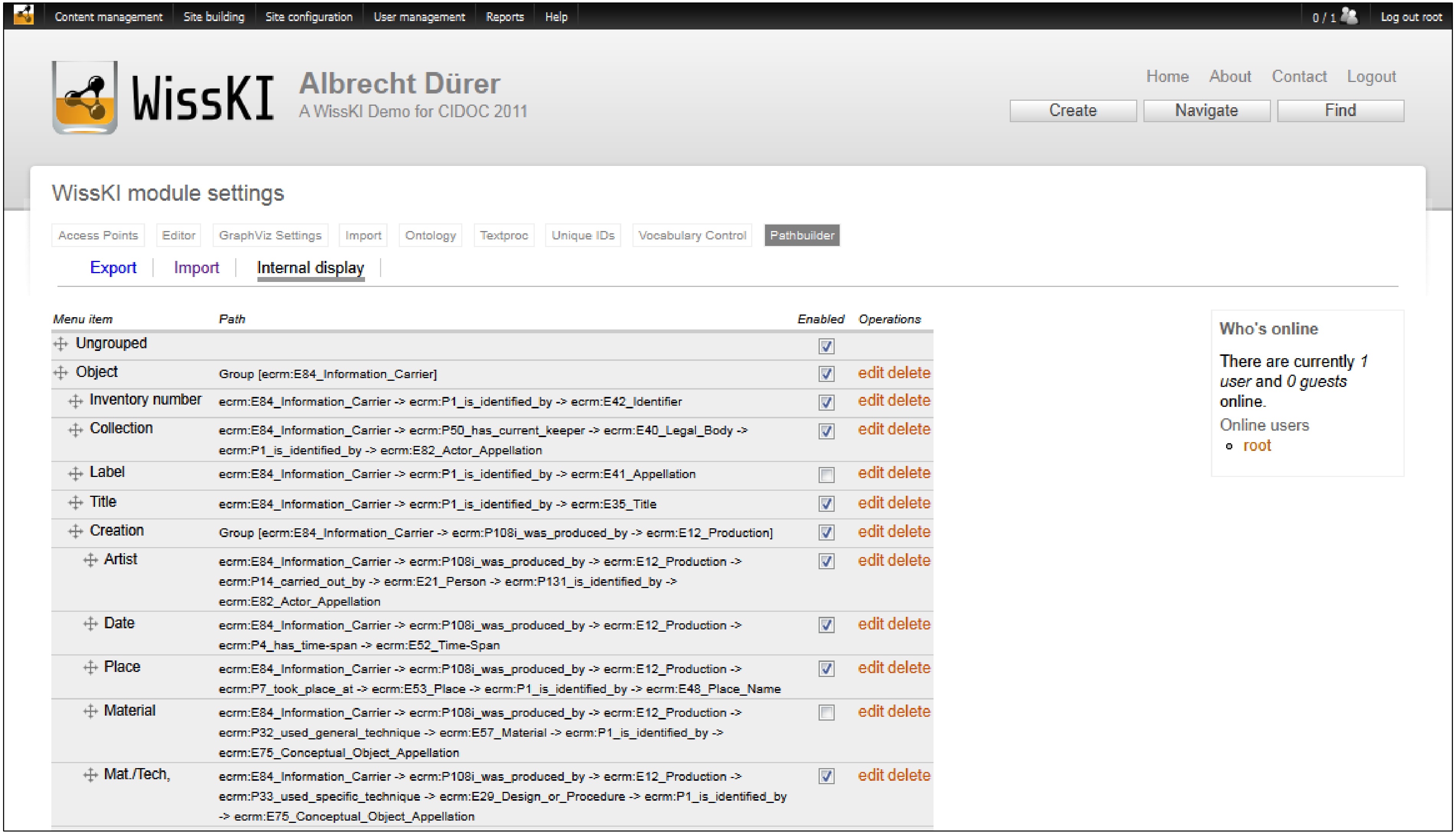
Literature:

Images:

E84 Information Carrier
→ P108i was produced by →
E12 Production
→ P14 carried out by →
E21 Person
→ P131 is identified by →
E82 Actor Appellation
→ P3 has note →
„Albrecht Dürer“

E84 Information Carrier
→ P108i was produced by →
E12 Production
→ P7 took place at →
E53 Place
→ P87 is identified by →
E48 Place Name
→ P3 has note →
„Nürnberg “

Pathbuilder


Content management
Site building
Site configuration
User management
Reports
Help
0 / 1
Log out root
WissKI
Albrecht Dürer
A WissKI Demo for CIDOC 2011
Home
About
Contact
Logout
Create
Navigate
Find
Access Points
Editor
GraphViz Settings
Import
Ontology
Textproc
Unique IDs
Vocabulary Control
Pathbuilder
Export
Import
Internal display

WissKI module settings

Menu item	*Path*	*Enabled*	*Operations*
Ungrouped		☑	
Object	Group [ecrm:E84_Information_Carrier]	☑	edit delete
Inventory number	ecrm:E84_Information_Carrier -> ecrm:P1_is_identified_by -> ecrm:E42_Identifier	☑	edit delete
Collection	ecrm:E84_Information_Carrier -> ecrm:P50_has_current_keeper -> ecrm:E40_Legal_Body -> ecrm:P1_is_identified_by -> ecrm:E82_Actor_Appellation	☑	edit delete
Label	ecrm:E84_Information_Carrier -> ecrm:P1_is_identified_by -> ecrm:E41_Appellation	☐	edit delete
Title	ecrm:E84_Information_Carrier -> ecrm:P1_is_identified_by -> ecrm:E35_Title	☑	edit delete
Creation	Group [ecrm:E84_Information_Carrier -> ecrm:P108i_was_produced_by -> ecrm:E12_Production]	☑	edit delete
Artist	ecrm:E84_Information_Carrier -> ecrm:P108i_was_produced_by -> ecrm:E12_Production -> ecrm:P14_carried_out_by -> ecrm:E21_Person -> ecrm:P131_is_identified_by -> ecrm:E82_Actor_Appellation	☑	edit delete
Date	ecrm:E84_Information_Carrier -> ecrm:P108i_was_produced_by -> ecrm:E12_Production -> ecrm:P4_has_time-span -> ecrm:E52_Time-Span	☑	edit delete
Place	ecrm:E84_Information_Carrier -> ecrm:P108i_was_produced_by -> ecrm:E12_Production -> ecrm:P7_took_place_at -> ecrm:E53_Place -> ecrm:P1_is_identified_by -> ecrm:E48_Place_Name	☑	edit delete
Material	ecrm:E84_Information_Carrier -> ecrm:P108i_was_produced_by -> ecrm:E12_Production -> ecrm:P32_used_general_technique -> ecrm:E57_Material -> ecrm:P1_is_identified_by -> ecrm:E75_Conceptual_Object_Appellation	☐	edit delete
Mat./Tech,	ecrm:E84_Information_Carrier -> ecrm:P108i_was_produced_by -> ecrm:E12_Production -> ecrm:P33_used_specific_technique -> ecrm:E29_Design_or_Procedure -> ecrm:P1_is_identified_by -> ecrm:E75_Conceptual_Object_Appellation	☑	edit delete

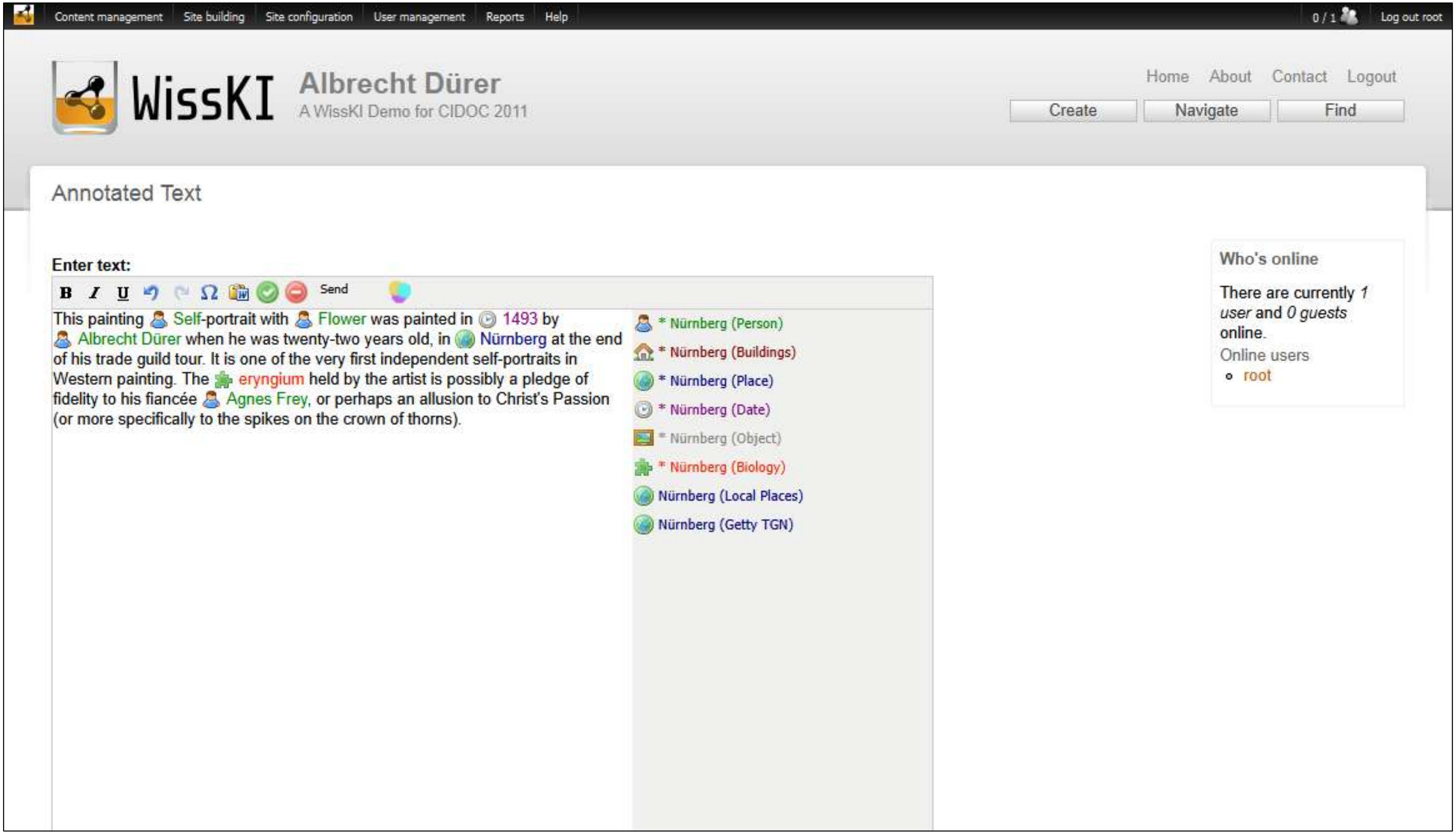
Who's online

There are currently *1 user* and *0 guests* online.

Online users

- root

Semantische Annotation


Content management
Site building
Site configuration
User management
Reports
Help
0 / 1
Log out root
WissKI
Albrecht Dürer
A WissKI Demo for CIDOC 2011
Home
About
Contact
Logout
Create
Navigate
Find
Annotated Text
Enter text:
B I U Ω
Send
Who's online

This painting Self-portrait with Flower was painted in 1493 by Albrecht Dürer when he was twenty-two years old, in Nürnberg at the end of his trade guild tour. It is one of the very first independent self-portraits in Western painting. The eryngium held by the artist is possibly a pledge of fidelity to his fiancée Agnes Frey, or perhaps an allusion to Christ's Passion (or more specifically to the spikes on the crown of thorns).

- * Nürnberg (Person)
- * Nürnberg (Buildings)
- * Nürnberg (Place)
- * Nürnberg (Date)
- * Nürnberg (Object)
- * Nürnberg (Biology)
- Nürnberg (Local Places)
- Nürnberg (Getty TGN)

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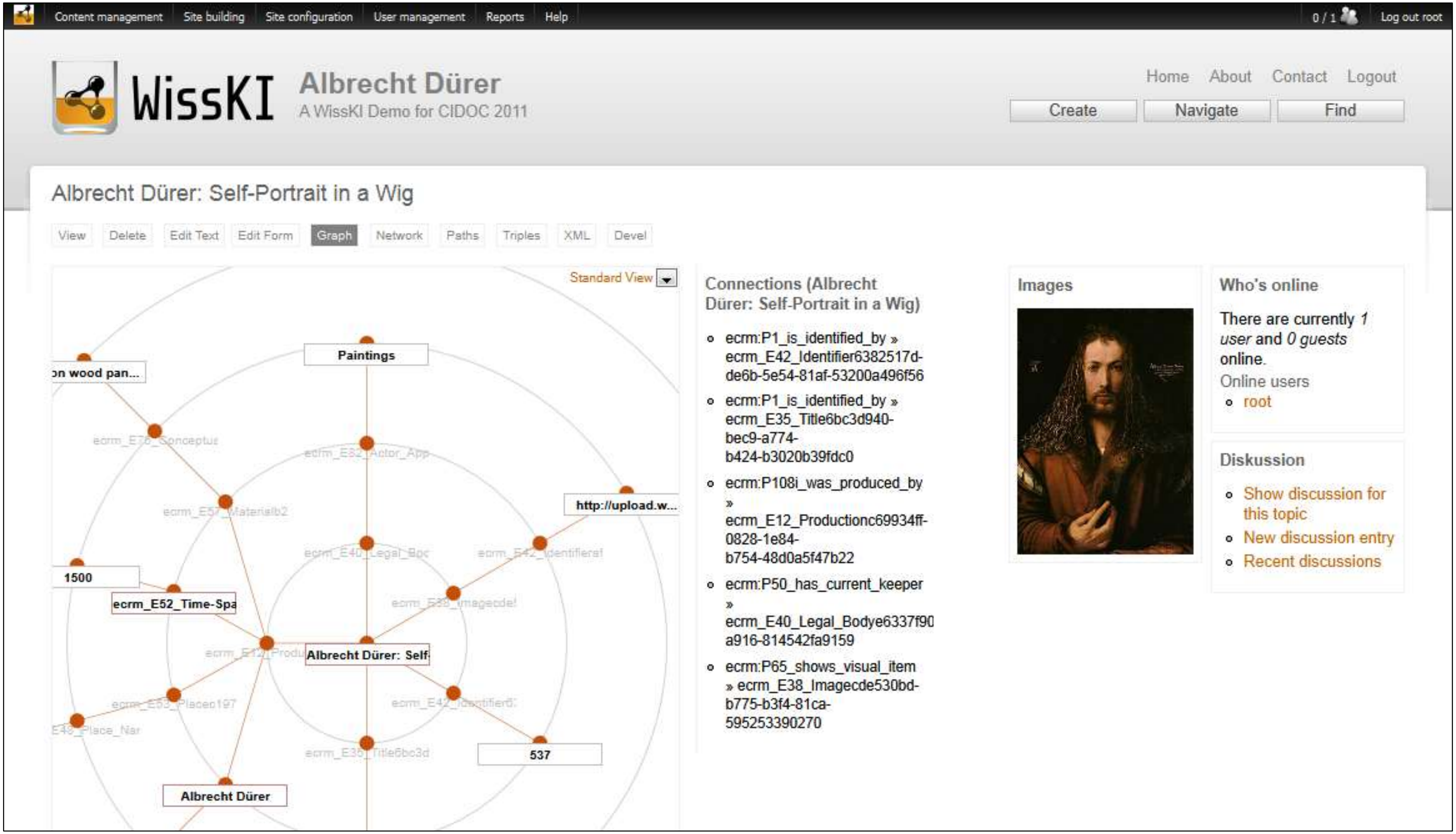
Anzeige als Graph


Content management
Site building
Site configuration
User management
Reports
Help
0 / 1
Log out root
WissKI
Home
About
Contact
Logout
Create
Navigate
Find
View
Delete
Edit Text
Edit Form
Graph
Network
Paths
Triples
XML
Devel
Standard View
Paintings
on wood pan...
ecrm_E70_Conceptua
ecrm_E82_Actor_App
ecrm_E57_Materialb2
http://upload.w...
ecrm_E40_Legal_Boc
ecrm_E42_Identifierat
1500
ecrm_E52_Time-Spa
ecrm_E38_Imagecde!
ecrm_E12_Produ
Albrecht Dürer: Self
ecrm_E53_Placeb197
ecrm_E42_Identifier6
E48_Place_Nar
ecrm_E35_Title6bc3d
537
Albrecht Dürer
Images

Albrecht Dürer
A WissKI Demo for CIDOC 2011

Albrecht Dürer: Self-Portrait in a Wig

Connections (Albrecht Dürer: Self-Portrait in a Wig)

- ecrm:P1_is_identified_by » ecrm_E42_Identifier6382517d-de6b-5e54-81af-53200a496f56
- ecrm:P1_is_identified_by » ecrm_E35_Title6bc3d940-bec9-a774-b424-b3020b39fdc0
- ecrm:P108i_was_produced_by » ecrm_E12_Productionc69934ff-0828-1e84-b754-48d0a5f47b22
- ecrm:P50_has_current_keeper » ecrm_E40_Legal_Bodye6337f90 a916-814542fa9159
- ecrm:P65_shows_visual_item » ecrm_E38_Imagecde530bd-b775-b3f4-81ca-595253390270

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Online users

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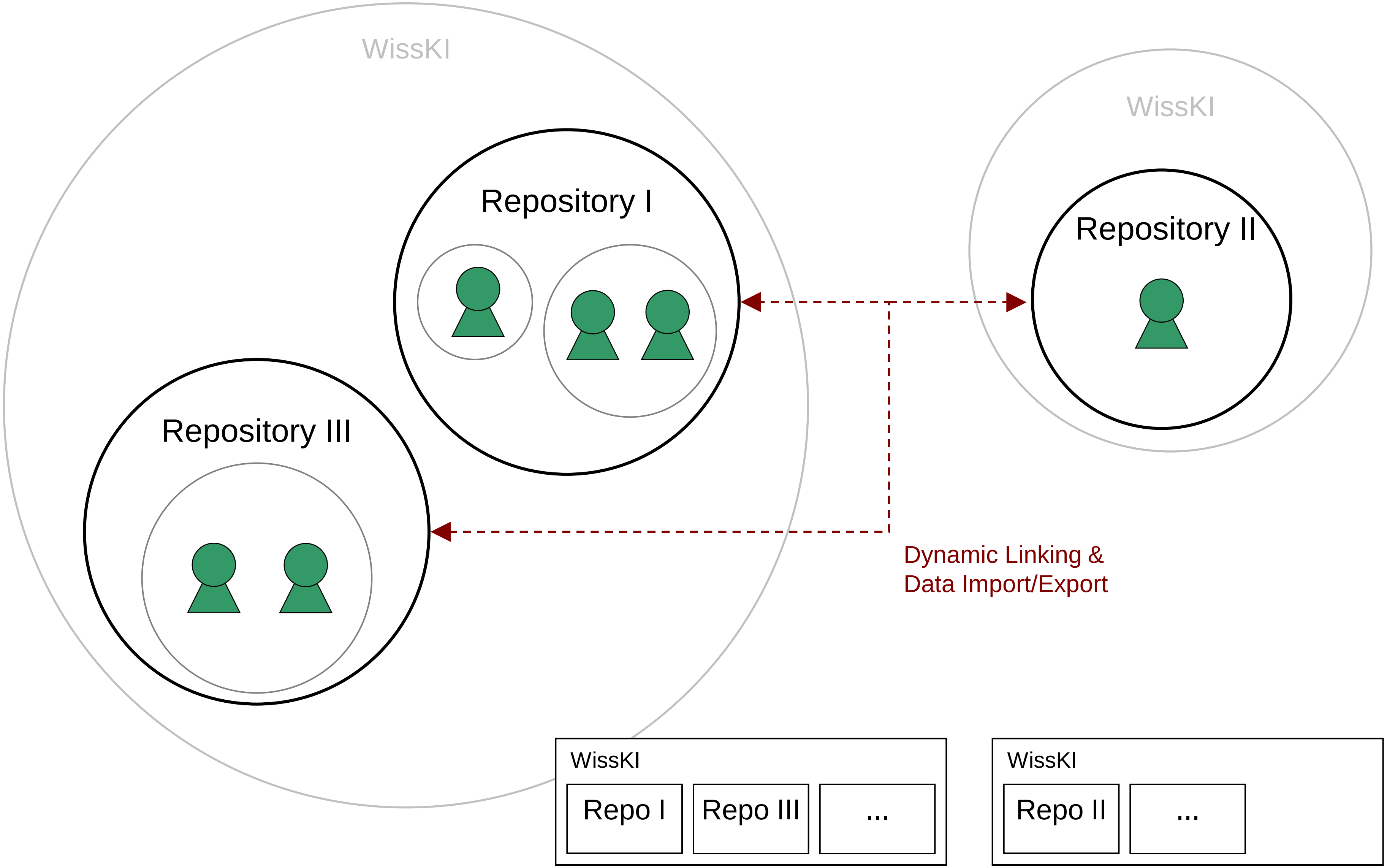
Diskussion

- Show discussion for this topic
- New discussion entry
- Recent discussions

Linked Data



WissKI

Repository I

Repository III

WissKI

Repository II

Dynamic Linking &
Data Import/Export

WissKI

Repo I | Repo III | ...

WissKI

Repo II | ...

Vielen Dank für Ihre Aufmerksamkeit

WissKI

http://wiss-ki.eu
http://erlangen-crm.org

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