



The Linked Open Data revolution in numismatics: Nomisma.org and the European Coin Find Network

David Wigg-Wolf



NUMIDAT – database for finds of ancient coins

„Fundmünzen der Antike (FdA)“ – Akademie der Wissenschaften und der Literatur • Mainz

dBBase

Auto

Fundort: Trier Land/RB./Kr.: RP/TR/TR
Fundstelle: Dom Komplex: Weibisch'k.
Fundgattung: Mznr.: 266

Anzahl: 1 Bereich: R Nominal: An
Prägeherr: Divus Claudius II.
Typ: (Werk) RIC (Nr.) 261-Typ (Qual.)
Datierung: () 270- 280 Dat. (text):
Münzstätte: gall Emissionszeichen:
Status: b (off/Fälsch/Barb) Besonderheit:

Gewicht: 0.00 g. Durchmesser: 12.0 - 0.0 mm. Stempelst: 0 Uhr
Erhaltung: Vs.: s Rs.: 1/2k

Vs./Rs.: MEMO Anm.: MEMO
FU: MEMO Lit.: MEMO

Verbleib:
Bearbeiter: Original kontrolliert?
Computeraufn.: Korrektur Laufende Nr: 5001

EDIT <C:> TRIER Satz: 1/1156 Num



Greek coin hoards containing coins from the city of Ephesus





**ARBEITSKREIS „FUNDMÜNZEN DER RÖMISCHEN ZEIT IN DEUTSCHLAND“
FMRD**

Seminar für Griechische und Römische Geschichte der Universität
Abt. II Epigraphik Numismatik Papyrologie sowie Provinzialrömische Archäologie

6000 Frankfurt/Main,
Gräfstraße 76 VII und EG
Telefon (069) 7 98-35 29
Post: Senckenberganlage 31
Postfach: 11 19 32
3. Juni 1985

S Y M P O S I O N

'Elektronische Datenverarbeitung in der Numismatik'
Mainz-Frankfurt 24.-27. Juni 1985

Programm:

Montag, 24. Juni 1985
Im Laufe des Tages Ankunft der Teilnehmer im Hotel
ab 19.00 Uhr zwangloses Treffen der Teilnehmer im Hotel

Dienstag, 25. Juni 1985

9.00 - 13.00 Uhr	Beginn der Besprechung Akademie der Wissenschaften und der Literatur Mainz, Geschwister-Scholl-Str. 2
13.00 - 14.00 Uhr	Kleiner Imbiß
14.00 --16.00 Uhr	Fortsetzung der Besprechung
17.00 Uhr	Abfahrt per Bus von der Akademie nach Oppenheim Besichtigung der Katharinenkirche
19.00 Uhr	Weiterfahrt von Oppenheim nach Nierstein
19.30 Uhr	Abendessen im Ullrichshof in Nierstein
gegen 22.00 Uhr	Rückfahrt nach Mainz zum Hotel

Mittwoch, 26. Juni 1985

9.00 - 12.30 Uhr	Fortsetzung der Besprechung Akademie der Wissenschaften und der Literatur Mainz, Geschwister-Scholl-Str. 2
12.30 Uhr	Abfahrt per Bus nach Frankfurt
ca. 13.15 Uhr	Ankunft an der Universität in Frankfurt; kleiner Imbiß im Seminar für Griechische und Römische Geschichte - Hilfswissenschaften -
14.30 - 17.00 Uhr	Fortsetzung der Besprechung Seminargebäude Gräfstraße 76, Erdgeschoß
17.30 Uhr	Rückfahrt nach Mainz zum Hotel

Donnerstag, 27. Juni 1985

V O R S C H L A G

zur
Mindestmenge von zu erfassenden Daten über Münzen

EINZELMÜNZEN

Münzherrschaft
Prägezeit / Prägeperiode
Material Metall / (Nominal) / Gewicht / Durchmesser / Die axis.
Vs-Beschreibung (Handbuch-Angabe?) (+ *undertyp repeat*)
Rs-Beschreibung (Handbuch-Angabe?)
Münzstätte
Besonderheiten (z.B. Zusatzzeichen, Gegenstempel, Sonstiges?)
Standort / Inventarnummer
[Hinweis auf Befund / Erwerb in der Sammlung / Zeit] →
Literatur über das Stück *must be qualified.*
status. (off / barb / overstrike) → tie into weight?

MÜNZKOMPLEXE

Art des Komplexes
Inhalt: a) Nominale / Metall *Material.*
b) Münzherrschaft
Prägezeit: älteste / jüngste Münze im Komplex
Anzahl der Münzen im Komplex
Hinweis auf die Fundumstände / auf den Befund / Zeit
Standort / Inventarnummer
Literatur über den Komplex
Name des Komplexes?



If databases cannot be standardised,
then how can we access disparate databases?



Karlsruher Virtueller Katalog



Universität Karlsruhe (TH) | Universitätsbibliothek
Forschungsuniversität • gegründet 1825

Karlsruher Virtueller Katalog KVK

KVK | KVK Fernleihe | KVK Kataloge | Hilfe | Über den KVK

KVK Deutsch

Freitext

Titel <input style="width: 95%;" type="text"/>		Jahr	<input style="width: 95%;" type="text" value="2004"/>
Autor <input style="width: 95%;" type="text" value="weisser"/>		ISBN	<input style="width: 95%;" type="text"/>
Körperschaft <input style="width: 95%;" type="text"/>		ISSN	<input style="width: 95%;" type="text"/>
Schlagwort <input style="width: 95%;" type="text"/>		Verlag	<input style="width: 95%;" type="text"/>

Suchen
Löschen
Katalogauswahl löschen

<input checked="" type="checkbox"/> Deutschland <input checked="" type="checkbox"/> SWB <input checked="" type="checkbox"/> BVB <input checked="" type="checkbox"/> HBZ <input checked="" type="checkbox"/> HEBIS <input checked="" type="checkbox"/> HEBIS-Retro <input checked="" type="checkbox"/> KOBV <input checked="" type="checkbox"/> GBV <input checked="" type="checkbox"/> DNB <input checked="" type="checkbox"/> StaBi Berlin	<input type="checkbox"/> Österreich <input type="checkbox"/> Österr. BV <input type="checkbox"/> Österr. Landesbibl. <input type="checkbox"/> Österr. NB 1501 - 1929 <input type="checkbox"/> Österr. NB 1930 - 1991 <input type="checkbox"/> Österr. NB 1992 - <input type="checkbox"/> Schweiz <input type="checkbox"/> Helveticat NB Bern <input type="checkbox"/> IDS Basel/Bern	<input type="checkbox"/> Weltweit <input type="checkbox"/> Australische NB <input type="checkbox"/> Dänische NB <input type="checkbox"/> Finnische NB <input type="checkbox"/> Französische NB <input type="checkbox"/> Französischer VK <input type="checkbox"/> Britischer VK <input type="checkbox"/> British Library <input type="checkbox"/> Italienischer VK <input type="checkbox"/> Italienischer ZS-VK	<input type="checkbox"/> Buchhandel <input type="checkbox"/> abebooks.de <input type="checkbox"/> Amazon.de : Dt. Bücher <input type="checkbox"/> Amazon.de : Engl. Bücher <input type="checkbox"/> Booklooker.de <input type="checkbox"/> KNV <input type="checkbox"/> Libri.de <input type="checkbox"/> ZVAB
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Optionen bei Suche und Ergebnisanzeige

Einstellungen

Volltitelanzeige
 Neues Fenster

Timeout
 ▼



COIN FINDS, DATABASES AND THE INTERNET

Thursday 30th September – Friday 1st October

Final programme

Institut für Archäologische Wissenschaften – Room 5.401
Johann Wolfgang Goethe-Universität
Campus Westend
Grüneburgplatz 1
60323 Frankfurt

Thursday 30th September

From 12 p.m. Arrival of participants. Informal greeting
1 p.m. Lunch
2 p.m. – 6.30 p.m. Begrüßung
Fundmünzen der Antike – Zukunftsperspektive: H.-M. von Kaenel
Presentation of individual national coin find projects
Great Britain: P. Guest
Netherlands: A. Pol/P. Belien
Germany: D. Wigg-Wolf
Switzerland: R. Ackermann
Austria: K. Vondrovec
Italy: G. Gorini
7.30 p.m. Dinner

Friday 1st October

8.30 a.m. – 1 p.m. Presentation of individual national coin find projects
Slovenia: P. Kos/A. Šemrov
Poland: A. Bursche/R. Ciolek
Coin finds, databases and GIS: N. Wells
INTERFACE: a proposal for a common internet-portal for coin find databases: D. Wigg-Wolf
Verteilte Informationssysteme: J. Haist, Fraunhofer Institut für Graphische Datenverarbeitung, Darmstadt
Final discussion
Where do we go from here? D. Wigg-Wolf
1.30 p.m. Lunch

Afternoon programme in Frankfurt for those staying on: Geldmuseum der Bundesbank





INSTITUT FÜR INFORMATIK
Fachbereich Informatik und Mathematik



Diplomarbeit

Interface Meta portal for searching across different
coin finds information sources

Ina Lehmann, Roji Varughese

Abgabe am 24. Oktober 2008

eingereicht bei
Prof. Dott.-Ing. Roberto Zicari
Datenbanken und Informationssysteme



INTERFACE

**INTERNET PORTAL
FINDS OF ANCIENT COINS IN EUROPE**

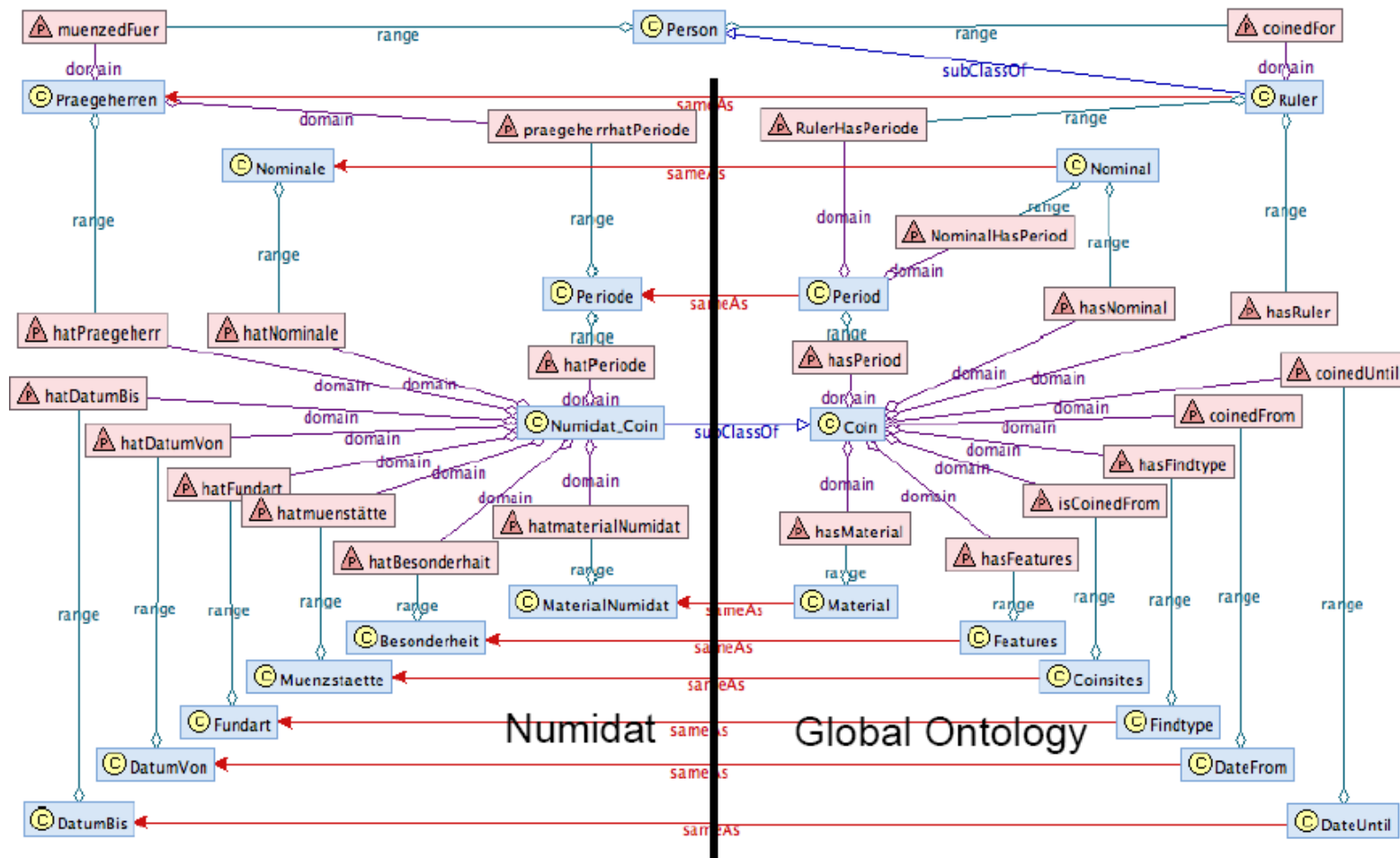
Database and Information Systems (DBIS)
Goethe University, Frankfurt am Main

Access to:


- Frankfurt (NUMIDAT-WEB)
- Utrecht (NUMIS)
- Vienna (dFMRÖ)



Mapping NUMIDAT-WEB / global ontology







INTERFACE

**INTERNET PORTAL
FINDS OF ANCIENT COINS IN EUROPE**

Please specify your searching terms

Find Type:

Period: **Ruler:**

Denomination: **Free Text:**

Material:

Mint: **Free Text:**




Date from: **Date to:**

Ref. work: e.g. RIC **Ref. Number:**

Please choose the data base

Numidat Numis

Search **Reset**

(Home Search)

NUMIDAT

Periode	Prägeherr	Material	Fundort	Nominal	Muenzstadt	Datum Von	Datum Bis	Zitat
Kelt	Süddeutschland	Ag	Schatzfund KB	(-)				dIT 9276, BMC 217
Kelt	Tewen Tewen (Stizendes Mäntlein)	Ag	Schatzfund KB	(-)				Scheers 55 (o. Ringel)
Kelt	Rheingermanen	Ag	Schatzfund KB	(-)				BMC 524, Scheers 57f
Kelt	Tewen Tewen	Ag	Schatzfund KB	(-)				Scheers 5455
Kelt	Rheingermanen	Ag	Schatzfund KB	(-)				Scheers 57 var. (Münst-Rinnen-Prägung)
Kelt	Sequani (Togix)	Ag	Schatzfund KB	(-)				vgl. BMC 392
Kelt	Aebui	Ag	Schatzfund KB	(-)				BMC 414
Kelt	Sequani (Q. Doci Sam F)	Ag	Schatzfund KB	(-)				BMC 531B
Kelt	Tewen Tewen (Stizendes Mäntlein)	Ag	Schatzfund KB	(-)				Scheers 55 (o. oder m. Ringel)
Kelt	Tewen	Ag	Schatzfund KB	(-)				Scheers 55 (n. Ringel)
Kelt	Tewen	Ag	Schatzfund KB	(-)				Scheers 55 (o. Ringel)
Kelt	Sequani	Ag	Schatzfund KB	(-)				BMC 348ff
Kelt	Tewen Tewen (Stizendes Mäntlein)	Ag	Schatzfund KB	(-)				Scheers 55 (o. Ringel?)
Kelt	??	Ag	Schatzfund KB	(-)				?
Kelt	Aedu/Lingones Aedu/Lingones (Kalkstos)	Ag	Schatzfund KB	(-)				BMC 338ff?
Kelt	Tewen Tewen (Eckige Nase)	Ag	Schatzfund KB	(-)				Scheers 547?

CC BY-NC-ND/4.0
P1ev1234567891011121314151617181920212223242526272829303132333435363738394041424344454647484950515253545556575859606162636465

22 results found

NUMIS

Staat	Autorität	Material	Karakter	Vondst	Muntsoort	Plaats	Begin Periode	Eind Periode	catalogi
Kelten	Keltisch (Meid)	zilver	losse vondst		quinarus		-52	-15	cf Scheers 189
Kelten	Keltisch	zilver	schatzvondst (p.q. -50)	(verpleegd)	Ingehum-slader AR, regenboogschotelstele	Gallia	-50	20	

CC BY-NC-ND/4.0

28 results found

FMRO

Periode	Prägeherr	Material	Fundort	Nominal	Muenzstadt	DateFrom	DateTo	Reference
KELTEN	Mittelkelt	AR	Weihetund Kls	Mzst der Taunskler		KosTal 22.24 - 29.vgl Kos Tal 21.50		Karlsruer Ar
KELTEN	Mittelkelt	AR	Weihetund Kls	Mzst der Taunskler		ZfP		
KELTEN	Mittelkelt	AR	Weihetund Kls	Mzst der Taunskler		ZfP.vgl. Kostal Nr 289		
KELTEN	Mittelkelt	AR	Weihetund Kls	Mzst der Taunskler		KosTal 17.12		
KELTEN	Mittelkelt	AR	Weihetund Kls	Mzst der Taunskler		KosTal 19.25 - 26		
KELTEN	Mittelkelt	AR	Weihetund Kls	Mzst der Taunskler		KosTal 19.25.vgl. Kostal Nr.335,Stempel beschädigt, abgenutzt		
KELTEN	Mittelkelt	AR	Weihetund Kls	Mzst der Taunskler		ZfP, Stempel beschädigt, abgenutzt		
KELTEN	Ostkelt	AR	Weihetund Kls	Veien		OTAS09		
KELTEN	Mittelkelt	AR	Weihetund 1/3 St	Mzst der Boer		KosTal 29.1 und 2, Cabellin T 4.50, Pausan T 22.850-1.vgl T 23.440(vgl ab T.19.405-420.415.T.20.424-432		
KELTEN	Mittelkelt	AR	Steuftund 4Dr	Mzst der Taunskler		Pink ES 49		
KELTEN	Mittelkelt	AR	Steuftund 4Dr	Mzst der Taunskler		TKN(81-156)		
KELTEN	Mittelkelt	AR	Steuftund 4Dr	Mzst der Taunskler		Pink ES 50		
KELTEN	Mittelkelt	AR	Steuftund St	Mzst der Boer		Pink ES 50, Altundverschollen		
KELTEN	Mittelkelt	AR	Steuftund 4Dr	Mzst der Taunskler		TKN(84-163)		
KELTEN	Mittelkelt	AR	Steuftund Kls	Mzst in Norikum		TKNab		
KELTEN	Mittelkelt	AR	Steuftund St	Vindelico		ZfP,Altund verschollen		



The European Coin Find Network (ECFN)

ECFN

The European Coin Find Network



You are here: Home

Main Menu

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- ▀ About ECFN
- ▀ Partners
- ▀ Links

Welcome to ECFN

ECFN is a cooperation between institutions engaged in researching and recording coin finds from Europe with the aim of encouraging cooperation and dialogue between them. The network is coordinated by the Römisch-Germanische Kommission (RGK) des Deutschen Archäologischen Instituts (DAI).

Steering committee:

Rahel Ackermann (Inventar der Fundmünzen der Schweiz, Switzerland)
Aleksander Bursche (University of Warsaw, Poland)
Dan Pett (British Museum, United Kingdom)
David Wigg-Wolf (Römisch-Germanische Kommission, Germany)

Contact: info@fundmuenzen.eu



Latest news!

- ▶ [Report on the 3rd ECFN/nomisma.org meeting](#)
- ▶ [4th Joint Meeting of ECFN and nomisma.org](#)
- ▶ [A hacksilber hoard from the Netherlands](#)



3rd Joint Meeting of ECFN and Nomisma.org

Basel 13th-15th March, 2014

At the invitation of "Inventar der Fundmünzen der Schweiz (IFS)", the third joint meeting of ECFN and Nomisma.org was hosted by the Seminar für Ur- und Frühgeschichte, University of Basel. 16 papers on current projects, databases and inventories of ancient coins were presented by 22 representatives from 8 countries.



Network (ECFN)

Partners

Coordination

[Römisch-Germanische Kommission des Deutschen Archäologischen Instituts](#)

Partners

GB	The Portable Antiquities Scheme, The British Museum, London University of Leicester Coin Hoards of the Roman Empire, Asmolean Museum, Oxford
F	Nummus, Université de Caen
NL	NUMIS: De Nederlandsche Bank (previously Geldmuseum)
DK	The Royal Collection of Coins and Medals, National Museum of Denmark, Copenhagen
D	Münzkabinett, Staatliche Museen zu Berlin Antike Fundmünzen in Europa (AFE), Frankfurt
CH	Inventar der Fundmünzen der Schweiz, Schweizerische Akademie der Geistes- und Sozialwissenschaften
I	Ritrovamenti Monetali di Età Romana nel Veneto, Univeristy of Padua
SLO	Fundmünzen der Römischen Zeit in Slowenien, Narodni Musej, Ljubljana
AUT	Fundmünzen der Römischen Zeit in Österreich, Österreichische Akademie der Wissenschaften, Vienna
PL	Recording Roman Coin Finds from Poland and Territory Associated Historically with Poland (FRC PL), University of Warsaw
ROM	Coins from Roman Sites and Collections of Roman Coins in Romania. Romanian Academy
USA	nomisma.org, American Numismatic Society, New York

Technical implementation

[Databases and Information Systems Group \(DBIS\), Goethe-University, Frankfurt](#)



(Non-!) standard vocabuaries

INTERFACE – Menü	NUMIS	NUMIDAT	dFMRÖ
Augustus	Augustus (-27-14) Augustus Augustus (27 v.Chr. / 14 n.Chr.) Augustus (27 v.Chr. - 14 n.Chr.) Tiberius Caesar (414) Tiberius Caesar (414); onderAugustus (27 v.Chr.-14 n.Chr.)	Augustus Augustus (Münzmeisterprägungen) Augustus (sonstige stadtrömische Prägungen) Augustus (Tiberius - sonstige stadtrömische Prägungen) Augustus (Prägungen von Nemausus) Augustus (Prägungen von Lugdunum) Augustus (Tiberius - Prägungen von Lugdunum)	Augustus Augustus für Augustus, Caius und Lucius Augustus für Augustus und Caius Augustus für Tiberius
Caligula	Caligula Caligula(37-41) Caligula (37-41) Gaius (Caligula 37-41) Gaius (Caligula) (37-41) Caligula? Gaius (Caligula 37-41) (?)	Caligula Caligula?	Caius
Caligula for Divus Augustus	Augustus (Divus)Gaius / Caligula (37-41) Divus Augustus / Caligula	Caligula (Divus Augustus)	
Caligula for Agrippa	Agrippa / Caligula Marcus Agrippa (onderGaius 37-41) Marcus Agrippa, onder Gaius / Caligula (37-41)	Caligula (für Agrippa)	Caius für Agrippa



Nomisma

Nomisma.org is a collaborative project to provide stable digital representations of numismatic concepts according to the principles of [Linked Open Data](#). These take the form of http URIs that also provide access to reusable information about those concepts, along with links to other resources. The base format of nomisma.org is `xhtml+rdfa1.1`, with versions available in multiple formats.

While the URIs provided by nomisma.org are stable, the project is in progress and subject to constant expansion and ongoing correction. This is particularly the case for the information provided about each nomisma.org identifier.

The information provided by nomisma.org has been provided by a wide community of scholars and institutions.

The project is steered by a committee currently consisting of:


- Sebastian Heath, [NYU ISAW](#)
- Andrew Meadows, [ANS](#)
- Daniel Pett, [BM PAS](#)
- David Wigg-Wolf, [DAI RGK](#)

Implementation is by:


- Ethan Gruber, [ANS](#)
- Sebastian Heath, [NYU ISAW](#)
- Karsten Tolle, [DBIS, University of Frankfurt](#)

Nomisma.org also hosts the [Numismatic Description Standard](#)


Data Export
Nomisma Linked Data

 **RDF: N-Triples, TTL, XML**

Pelagios Annotations


 **VoID (RDF): XML**
Dump (RDF): XML

Atom Feed

 **Feed**
Documentation

Contributors

The following institutions have contributed data, specialist advice and/or financial support to the Nomisma project:





http://nomisma.org/id/quinarius

nomisma.org/id/quinarius


DAI-Webmail

Nomisma.org: [\[home\]](#) [\[spargl\]](#) [\[apis\]](#) [\[flickr machine tags\]](#) [\[all ids\]](#) "Common currency for digital numismatics."

quinarius (denomination)

- skos:prefLabel: Quinarius
- skos:definition: Roman silver coin worth 5 or 8 asses.
- skos:prefLabel: Quinar
- skos:prefLabel: Quinarius
- skos:prefLabel: Quinarius
- skos:prefLabel: Квинарий
- skos:prefLabel: Quinarius
- skos:prefLabel: Quinario
- skos:prefLabel: Τροσικήόν
- skos:prefLabel: Квинарий
- skos:prefLabel: Quinarius
- skos:prefLabel: Quinario
- skos:related: <http://en.wikipedia.org/wiki/Quinarius>
- skos:prefLabel: квинар
- dcterms:isPartOf: [roman_numismatics](#)

[Source XHTML+RDFa](#) | [GitHub File](#) | [RDF Triples \(Turtle\)](#) | [RDF/XML](#) | [JSON-LD](#) | [Pelagios RDF/XML](#) | [W3 HTML Validator](#) | [Visualize RDF](#)

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http://nomisma.org/id/ephesus

nomisma.org/id/ephesus

DAI-Webmail

ephesus (mint)

dcterms:isPartOf: [\(greek_numismatics\)](#)

skos:prefLabel: **Ephesus**

skos:definition: **The mint at the ancient site of Ephesus in Ionia.**

geo:lat: **37.939722**

geo:long: **27.340833**

skos:related: <http://en.wikipedia.org/wiki/Ephesus>

skos:related: <http://pleiades.stoa.org/places/599612>

skos:prefLabel: **Ephesos**

skos:prefLabel: **Ephèse**

skos:prefLabel: **Efesos**

skos:prefLabel: **Ἔφεσος**

skos:prefLabel: **Efese**

skos:prefLabel: **Efeso**

skos:prefLabel: **Ἐφεσσός**

skos:prefLabel: **Ἐφέσος**

skos:related: <http://collection.britishmuseum.org/id/place/x107267>

skos:related: <http://vocab.getty.edu/tgn/7002499>



http://nomisma.org/id/igch1768

nomisma.org/id/igch1768

DAI-Webmail

1768 Mosul, in anc. Mesopotamia, before (711) 1917
 Burial: c. 200 B.C. (Newell)
 Contents: c. 61 AR
 Alexander III: 2 lifetime and early post.
 tetradr. (mint: [Amphipolis 1 \(amphipolis\)](#) , mint: [Sicyon 1 \(sicyon\)](#))
 30 dr. (mint: [Lampsacus 4 \(lampsacus\)](#) , mint: [Aby-](#)
 dus 6 (*abydus*) , mint: [Colophon 8 \(colophon\)](#) , mint: [Magnesia 3 \(magnesia_ad_maeandrum\)](#) , mint: [Miletus](#)
 6 (*miletus*) , mint: [Sardes 1 \(sardes\)](#) , unc. 2)
 3 late post. dr. (mint: [Magnesia](#)
 1 (*magnesia_ad_maeandrum*) , mint: [Chios 2 \(chios\)](#))
 Philip III: 2 dr. (mint: [Colophon 1 \(colophon\)](#) , mint: [Sardes 1 \(sardes\)](#))
 Lysimachus: To lifetime tetradr. (mint: [Pella? 1 \(pella_macedon\)](#) ,
 mint: [Sestus? 1 \(sestus\)](#) , mint: [Heracleia Bith. 1 \(heracleia_pontica\)](#) , mint: [Lamp-](#)
 sacus 3 (*lampsacus*) , mint: [Pergamum 2 \(pergamum\)](#) , mint: [Alexandreia](#)
 Troas 1 (*alexandreia_troas*) , mint: [Sardes 1 \(sardes\)](#))
 2 dr. (mint: [Ephesus \(ephesus\)](#))
 4 post. tetradr. (mint: [Calchedon](#)
 1 (*calchedon*) , mint: [Cius 3 \(cius\)](#))
 8 lifetime or post. tetradr.
 (unc. mints)
 Disposition: New York 50
 Record of varieties in ANS



Coin Hoards of the Roman Republic: Vico Pisano (Italy; PIS)

numismatics.org/chrr/id/PIS

DAI-Webmail http://nomisma.org/id/ephesus Coin Hoards of the Roman Republic: Vico Pisa...

CHRR Online Browse Search Maps Analyze Hoards APIs FAQ Background Search

SHARE: EXPORT: [NUDS/XML](#) [RDF/XML](#) [TTL](#) [JSON-LD](#) [KML](#)

Vico Pisano (Italy; PIS)

Hoard Description

Findspot
 Findspot: [Vico Pisano](#)

Closing Date: A.D. 4
Description: Denarius: 157, Quinarius: 25, Denarius Serratus: 13, Cistophorus: 1

References

Reference
 Title: RRCH
 Identifier: 549

Notes

Source: Michael Crawford's personal notes.







Coin Hoards of the Roman Republic: Browse Collection

numismatics.org/chrr/results?q=mint_facet:%22Colonia%20Patricia%22

DAI-Webmail | http://nomisma.org/id/ephesus | Republic: Vico Pisano (Italy; PIS) | Republic: Browse Collection

CHRR Online Browse Search Maps Analyze Hoards APIs FAQ Background Search

Data Options    

Keyword Search

Refine Results

Hoard

Closing Date

Findspot

Reference

Contents

Authority

Coin Type

Filters [Map Results](#)

Mint: Colonia Patricia

Displaying records 1 to 20 of 26 total results.

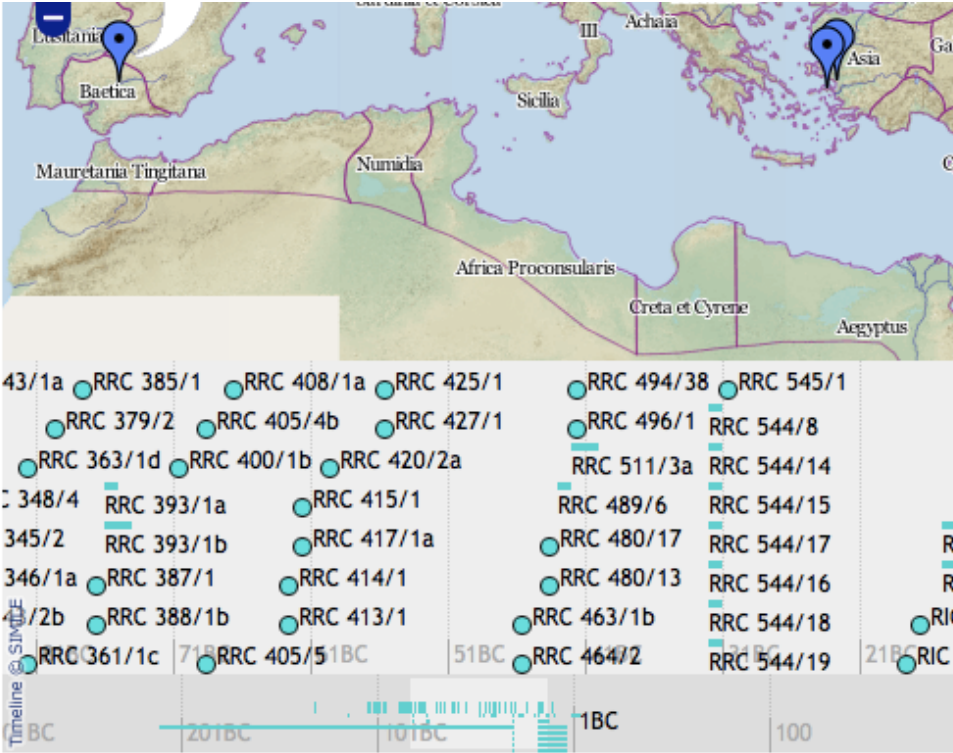
Select from List

Cetateni (Romania; CET)

Closing Date A.D. 14
Description Denarius: 113, Denarius Serratus: 10
Reference Mitrea:Rosetti:1972, Mitrea:Rosetti:1974, RRCD

Contesti (Romania; CNT)

Closing Date 3 B.C.
Description Denarius: 128, Denarius Serratus: 19
Reference Bold:1958, RRCD



Legend ■ Mint ■ Findspot

View map in [fullscreen](#).



Online Coins of the Roman Empire

numismatics.org/ocre/

DAI-Webmail http://nomisma.org/id/ephesus Online Coins of the Roman Empire

OCRE Browse Search Maps Contributors Visualize Queries APIs About Language

Search

Online Coins of the Roman Empire

A corpus of coin types from the Roman Empire, from Augustus (27 B.C.) to Zeno (A.D. 491).

Online Coins of the Roman Empire (OCRE), a joint project of the [American Numismatic Society](#) and the [Institute for the Study of the Ancient World](#) at New York University, is a revolutionary new tool designed to help in the identification, cataloging, and research of the rich and varied coinage of the Roman Empire. The project will ultimately record every published type of Roman Imperial Coinage from Augustus in 31 BC, until the death of Zeno in AD 491. This will create an easy to use digital corpus, with downloadable catalog entries, incorporating almost 50,000 types of coins. To date, about 20,000 coin types are described, from 30 BC until AD 238, effectively covering the entire High Empire until the Crisis of the Third Century.

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94



Online Coins of the Roman Empire: Browse Collection

numismatics.org/ocre/results?q=**

DAI-Webmail http://nomisma.org/id/ephesus Online Coins of the Roman Empire: Browse C...

OCRE Browse Search Maps Contributors Visualize Queries APIs About Language

Search

Data Options

Keyword

Search

Refine Results

Authority

Deity

Denomination

Findspot


Issuer

All Terms [Map Results](#)


Displaying records 1 to 20 of 20661 total results.

Select from List Ascending Sort Results

RIC I (second edition) Augustus 1A

Date	25 BC - 23 BC	 <p>coins: 12; hoard: 1</p>
Denomination	Quinarius	
Mint	Emerita	
Obverse	AVGVST: Head of Augustus, bare, left	
Reverse	P CARISI LEG: Victory standing right, placing wreath on trophy with dagger and sword at base	

RIC I (second edition) Augustus 1B

Date	25 BC - 23 BC	
Denomination	Quinarius	



Online Coins of the Roman Empire: RIC I (second edition) Augustus 2B

numismatics.org/ocre/id/ric.1(2).aug.2B

DAI-Webmail | http://nomisma.org/id/ephesus | Online Coins of the Roman Empire: RIC I (sec...

RIC I (second edition) Augustus 2B

Examples of this type | Quantitative Analysis

Typological Description

Date Range
 From Date: 25 BC
 To Date: 23 BC

Object Type: Coin
Manufacture: Struck
Denomination: Denarius
Material: Silver

Authority
 Authority: Augustus
 Issuer: P. Carisius

Geographic
 Mint: Emerita
 Region: Lusitania

Obverse
 Legend: IMP CAESAR AVGVST

Type
 Description: Head of Augustus, bare, left

Map



Online Coins of the Roman Empire: RIC I (second edition) Augustus 1B

numismatics.org/ocre/id/ric.1(2).aug.1B

AFE RGK BAHN DAI ECFN Eintracht Guardian hr1 journal LEO Linguae Lotto VR Bank wetter Wiglet ZENON 1.0 Zenon Beliebt >>

Examples of this type

<p>RIC I (second edition) Augustus 1B. 1969.222.1277</p> <p>Collection American Numismatic Society</p> <p>Axis 10</p> <p>Weight 1.48</p>	<p>RIC I (second edition) Augustus 1B. 1969.222.1276</p> <p>Collection American Numismatic Society</p> <p>Axis 3</p> <p>Weight 1.5</p>	<p>RIC I (second edition) Augustus 1B. 1944.100.39028</p> <p>Collection American Numismatic Society</p> <p>Axis 7</p> <p>Weight 1.54</p>
<p>RIC I (second edition) Augustus 1B. 1985.140.12</p> <p>Collection American Numismatic Society</p> <p>Axis 9</p> <p>Diameter 15.0</p> <p>Weight 1.48</p>	<p>British Museum: 2002,0102.4996</p> <p>Collection British Museum</p> <p>Axis 10.00</p> <p>Weight 1.76</p>	<p>British Museum: 2002,0102.4997</p> <p>Collection British Museum</p> <p>Axis 11.00</p> <p>Weight 1.69</p>



American Numismatic Society: RIC I (second edition) Augustus 1B. 1969.222.1276

numismatics.org/collection/1969.222.1276


Online Coins of the Roman Empire: RIC I (second edition) Augustus 1B

MANTIS Department Browse Search Maps Compare Charts APIs ANS Home

SHARE: EXPORT: [NUDS/XML](#) [RDF/XML](#) [TTL](#) [JSON-LD](#) [KML](#)

RIC I (second edition) Augustus 1B. 1969.222.1276

[Summary](#) [Map](#)



Obverse: AVGVST - Head of Augustus, bare, left

Physical Description

Axis: 3
Measurements
Weight: 1.5

Typological Description

Source: [RIC I \(second edition\) Augustus 1B](#)

Date Range

From Date: 25 BC
To Date: 23 BC

Object Type: [Coin](#)
Manufacture: [Struck](#)

References

Reference: [ric.1\(2\).aug.1B](#)
Reference: [BMC.295](#)

Administrative History

Identifier: 1969.222.1276
Department: [Roman](#)
Collection: [American Numismatic Society](#)
Acknowledgment: [Mike Gasvoda](#)

Provenance

Acquired From: [Gift of P.K. Anderson](#)



Online Coins of the Roman Empire: RIC I (second edition) Augustus 1B

numismatics.org/ocre/id/ric.1(2).aug.1B?lang=bg

OCRE Брауване Търсене Карти Визуализация на запитванията APIs About Language

българин
Немски
Гръцки
Английски
Испански
Френски
Италиански
Холандски
Румънски
Руски
Шведски

SHARE: 0 EXPORT: NUDS/XLS N-LD KML

RIC I (second edition) Augustus 1B

Примери от този тип | Количествен анализ

Типологично описание

Период на датирание
Начална дата: 25 BC
До дата : 23 BC

Тип на обекта: монета
Производство: отсечен
Номинал: квинар
Материал: сребро

Авторитет
Авторитет: Август
Издател: P. Carisius

географски
Монетарница: Емерита

Карта



Nomisma.org ontology

```

@prefix _: <http://nomisma.org/ontology#>_.
@prefix owl: <http://www.w3.org/2002/07/owl#>_.
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>_.
@prefix xml: <http://www.w3.org/XML/1998/namespace>_.
@prefix xsd: <http://www.w3.org/2001/XMLSchema#>_.
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#>_.
@prefix skos: <http://www.w3.org/2004/02/skos/core#>_.
@base <http://nomisma.org/ontology#>_.

<http://nomisma.org/ontology#> rdfs:type owl:Ontology ;

                                owl:versionInfo "2014/06/03
12:10:11"^^xsd:dateTimeStamp ;

                                rdfs:seeAlso "Generated by Karsten
Tolle and Melvin Metzger."^^rdfs:Literal ;

                                rdfs:comment ""This ontology
namespace defines:
1: The classes and their hierarchy that are used in the
nomisma.org/id namespace.
2: Properties (that can be seen as a set of verbs)

Currently we are not defining any ranges or domains for the
properties in order to allow more flexibility for the users and
their modelling preferences. ""^^xsd:string,
""Tracking changes
and issue tracking!

Changes since last version:

Version 13:
removed underscores in names

Version 12:
changed Classes to be instance of this Ontology linked with
skos:exactMatch to the according instances of the id namespace.
changed Classes having capital letters at the beginning

```

Naming convention:

all properties should start with \"has\"

change data properties into object properties seems at the moment more appropriate (not finally decided)

--- up to version 9

```

hasType_series_item,
hasCollection,
hasMintmark,
hasPeculiarity --> (hasPeculiarity_of_production and
hasSecondary_treatment --> hasCountermark)_.

```

Added classes: peculiarity --> (peculiarity of production and secondary treatment --> countermark)_. and according object properties.

Removed class for undertype: could be \"overstrike\" together with \"hasType_series_item\".

--- due to conf call of 09. Mai 2014:

- corrected Hight --> Height for properties hasHeight, hasMinHeight, hasMaxHeight

- changed from using nm:nomisma_region to nm:region
- findspot as region! no extra Class needed (similar/equal as CRM Place)

- ranges and domains removed (at least for now)

- Not taking into account for this ontology:

```

http://nomisma.org/id/indiction;
http://nomisma.org/id/imperial_issue;
http://nomisma.org/id/kolnon;
http://nomisma.org/id/league;
http://nomisma.org/id/monogram;
http://nomisma.org/id/royal_issue;
http://nomisma.org/id/rxc_moneyer;
http://nomisma.org/id/ruler;
http://nomisma.org/id/tribal_issue;

```



Nomisma.org ontology

is nmo:hasIssuer of <http://141.2.2.167:8080/d2rq/resource/AFE_RGK_coin/818>
 is nmo:hasIssuer of <http://141.2.2.167:8080/d2rq/resource/AFE_RGK_coin/825>
 is nmo:hasIssuer of <http://141.2.2.167:8080/d2rq/resource/AFE_RGK_coin/830>
 is nmo:hasIssuer of <http://141.2.2.167:8080/d2rq/resource/AFE_RGK_coin/837>
 is nmo:hasIssuer of <http://141.2.2.167:8080/d2rq/resource/AFE_RGK_coin/842>
 is nmo:hasIssuer of <http://141.2.2.167:8080/d2rq/resource/AFE_RGK_coin/844>
 is nmo:hasIssuer of <http://141.2.2.167:8080/d2rq/resource/AFE_RGK_coin/846>
 is nmo:hasIssuer of <http://141.2.2.167:8080/d2rq/resource/AFE_RGK_coin/853>
 is nmo:hasIssuer of <http://141.2.2.167:8080/d2rq/resource/AFE_RGK_coin/987>

skos:prefLabel	Vespasianus (xsd:string)
owl:sameAs	nm:vespasian
rdf:type	foaf:Person

The server is configured to display only a limited number of values (limit per property bridge: 50).

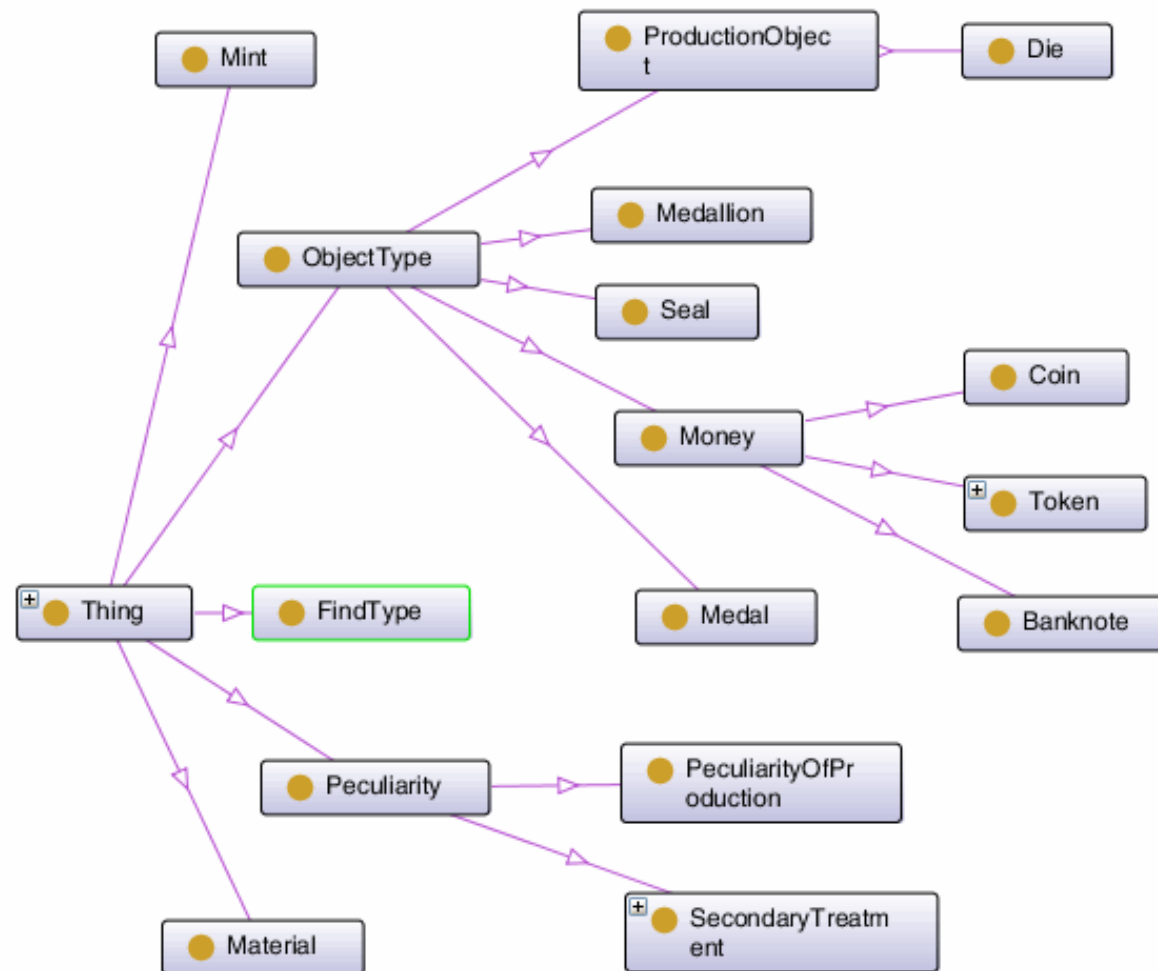
Metadata

<http://141.2.2.167:8080/d2rq/data/AFE_RGK_issuer/60>	
dc:date	2014-11-27T07:23:54.209Z
prv:containedBy	<http://141.2.2.167:8080/d2rq/dataset>
void:inDataset	<http://141.2.2.167:8080/d2rq/dataset>
rdf:type	prv:Dataltem
rdf:type	foaf:Document

Generated by [DQR Server](#)



Nomisma.org ontology: class hierarchy





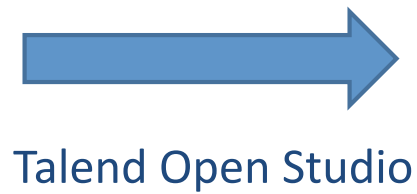
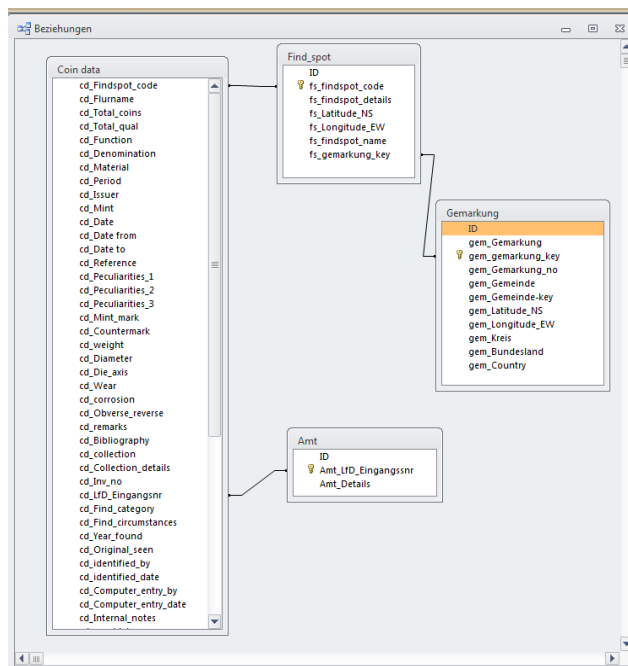
Linked Data Approaches to Numismatic Catalogues

- Introduction
- Linked Open Data at the American Numismatic Society
- How DIANA Approach can Improve the “Diachrony” Integrating Heterogeneous Pieces of Data
- The use of standard data in the KENOM-project
- Base Facies monétaire antique
- The numismatic web portal www.corpus-nummorum.eu
- Discussion

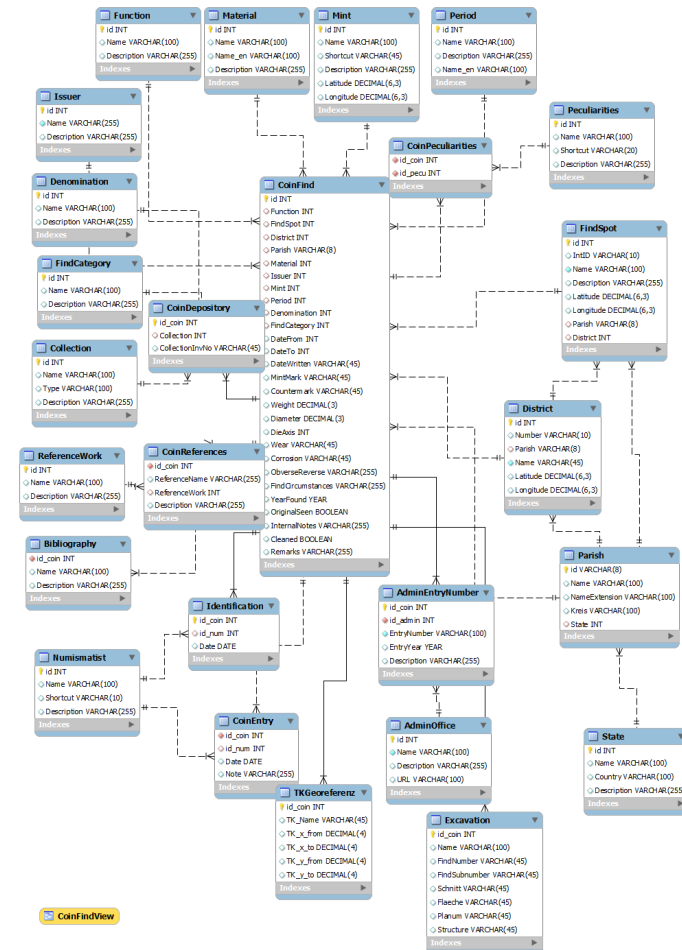


Antike Fundmünzen in Europa (AFE)

NUMIDAT



Talend Open Studio





AFE (Antike Fundmünzen in Europa)

Römisch-Germanische Kommission / Archaeological Institute, University of Warsaw /
 Databases and Information Systems, Goethe University, Frankfurt

Antike Fundmünzen Europa

In a joint project, [Databases and Information Systems](#) and [Römisch-Germanische Kommission \(RGK\)](#) are investigating different coin find databases using ontologies. The ontologies in our view are:

- problems are lifted to a content level and are not technical issues, and
- ontologies provide the possibility of viewing the links between the artefacts can be visualized in tables.

Denomination	Sestertius (S)	<input checked="" type="checkbox"/>	<input type="checkbox"/> uncertain
Material	Bronze (Ae)	<input type="checkbox"/> Link	<input type="checkbox"/> uncertain
Issuer	Marcus Aurelius (Marcus Aurelius)	<input checked="" type="checkbox"/>	<input type="checkbox"/> uncertain
Issuer alternative 1		<input checked="" type="checkbox"/>	
Issuer alternative 2		<input checked="" type="checkbox"/>	
Issuing for		<input checked="" type="checkbox"/>	<input type="checkbox"/> uncertain
Mint	Roma (Rom)	<input checked="" type="checkbox"/>	<input type="checkbox"/> uncertain
Date from	173		<input type="checkbox"/> uncertain
Date to	174		<input type="checkbox"/> uncertain
Date written	173-174		
Reference	RIC 1096	<input checked="" type="checkbox"/>	

Supporting: [ASAnomisma.org](#) AFE is under: [LGPL](#) Free Software

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The European Coin Find Network: what next?

- Coins have a relatively simple, well-defined structure compared to other kinds of material culture
- Nomisma.org ontology → ECFN Portal
- Modelling uncertainly
- Transfer of AFE to a D2R-System
- Recording standards
- Standard multilingual thesauri
- Integration into the broader digital humanities community



The Linked Open Data revolution in numismatics: Nomisma.org and the European Coin Find Network

David Wigg-Wolf