SUB | NIEDERSÄCHSISCHE STAATS- UND UNIVERSITÄTSBIBLIOTHEK GÖTTINGEN



The ASCH Project - Towards the Contextualization of Provenance Information

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REBIUN-CERL Conference

15.03.2016

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About the Project

- Purpose and Scope:
  - developing a metadata model for contextualising heterogenous objects from collections
  - with special focus on provenance information

- Funding
  - by Deutsche Forschungsgemeinschaft
  - 01.09. 2014 – 31.08. 2017

- Project Lead:
  - Göttingen State and University Library
  - Institute of Social and Cultural Anthropology at the University of Göttingen

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Why Provenance „von Asch“?



Georg Thomas von Asch (1729-1807)

portraiture by Kyrill Golowatschewski,
Oil on canvas, 86 x 70 cm,
donation of 1780

Heterogeneity of Provenance

Kjachta, Siberia

Russian America

???

Institute of Arts Archaeologie

Anatomy

Turkey

Academisches Museum Göttingen (1773)





Zoology

Black See Region

St. Petersburg

Geoscience

University Library

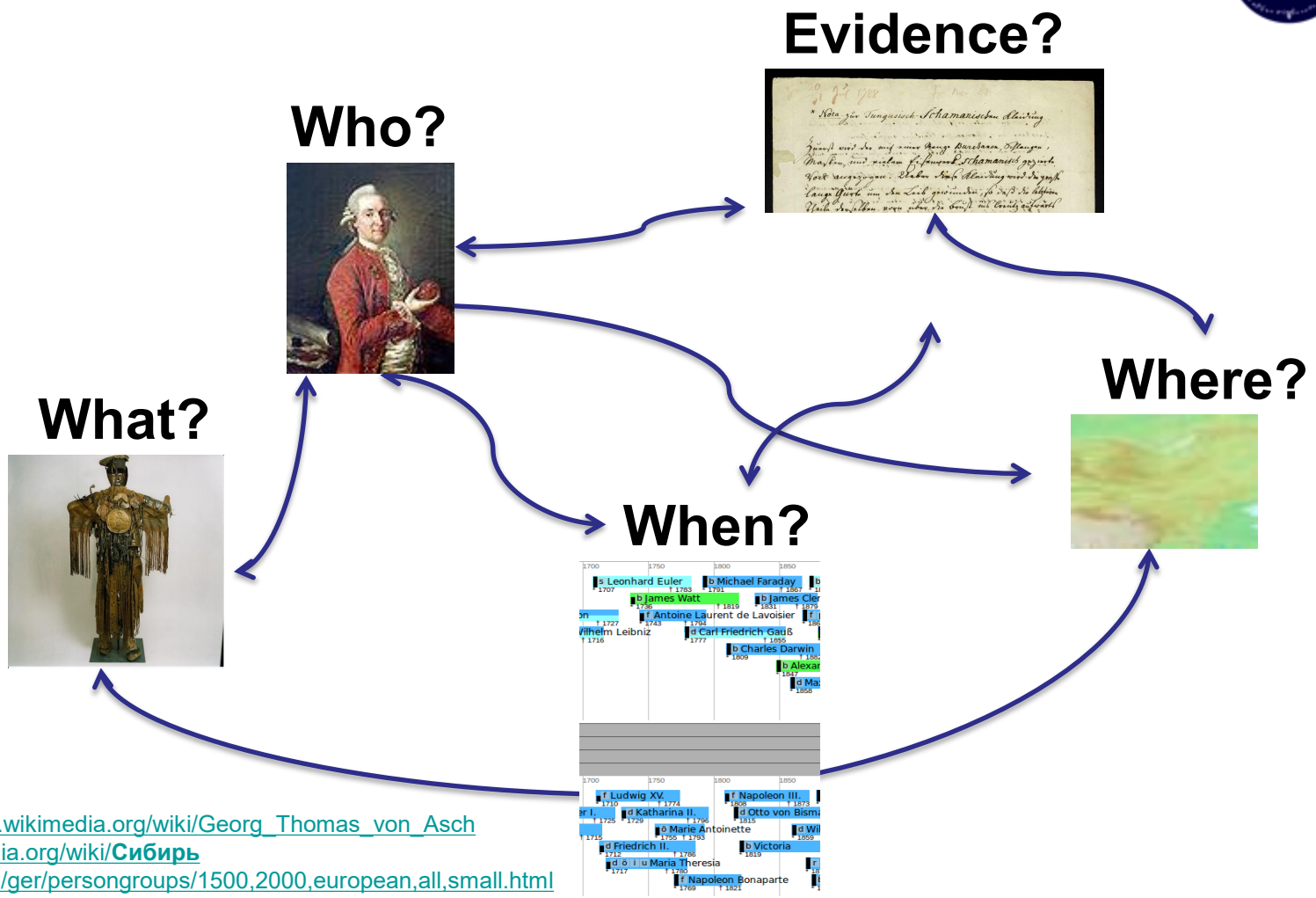
Cultural Anthropolgy

Heterogeneity of the Collection



- Manuscripts, books, maps (Göttingen State and University Library)
- Coins and medals (Institute of Archaeology)
- Anthropological items from different regions of the world (Institute of Social and Cultural Anthropology)
- Rocks, minerals, meteorite, fossils (Geoscience Centre)
- Engravings and portraits (Arts Collection)
- Human sculls (Centre for Anatomy)
- Mounted animals (Museum of Zoology)
- Seeds (?)

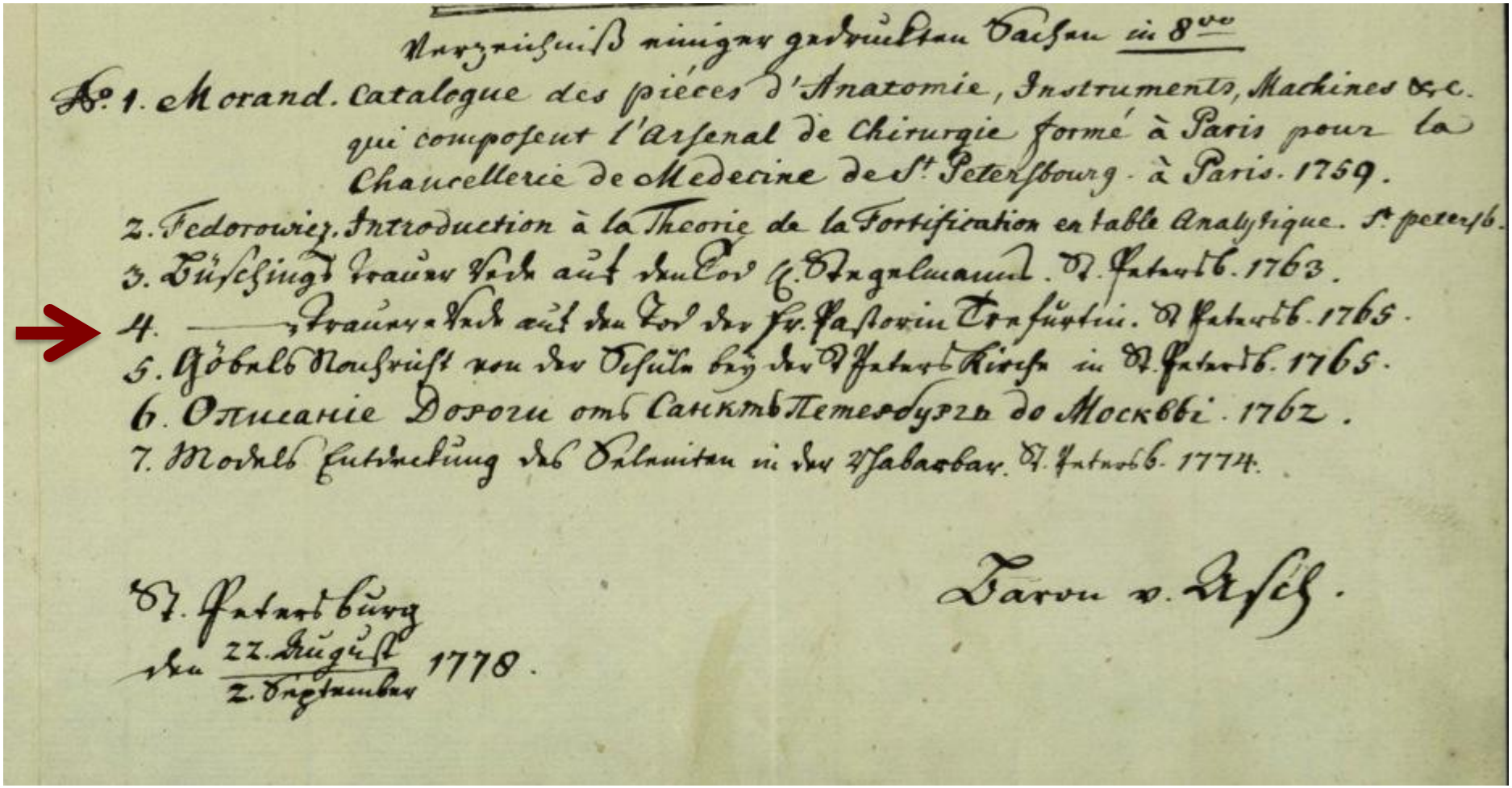
Contextualization of Provenance Information



Source: http://commons.wikimedia.org/wiki/Georg_Thomas_von_Asch
http://commons.wikimedia.org/wiki/**Сибирь**
http://www.vistorica.com/ger/persongroups/1500,2000,european,all,small.html

Von Asch Evidence

- Letters and listings from von Asch
- Letters about the items von Asch sent to Göttingen
- Lists and inventories
- Notes about single items
- Labels (written by von Asch himself or later by Blumenbach et al. in Göttingen)


Verzeichniß einiger gedruckten Bücher in 8vo

No 1. Morand. Catalogue des pieces d'Anatomie, Instruments, Machines &c. qui composent l'Arsenal de Chirurgie formé à Paris pour la Chancellerie de Medecine de St. Petersbourg. à Paris. 1759.

2. Fedorowiez. Introduction à la Theorie de la Fortification en table Analytique. St. petersb.

3. Büschings Trauer Red auf [illegible] Engelmann. St. Petersb. 1763.

4. ——— Trauer-Red auf den Tod der Fr. Pastorin Trefurtin. St. Ptetersb. 1765.

5. Göbels Abschrift von der Defuta bey der Petersb. Kirche in St. Petersb. 1765.

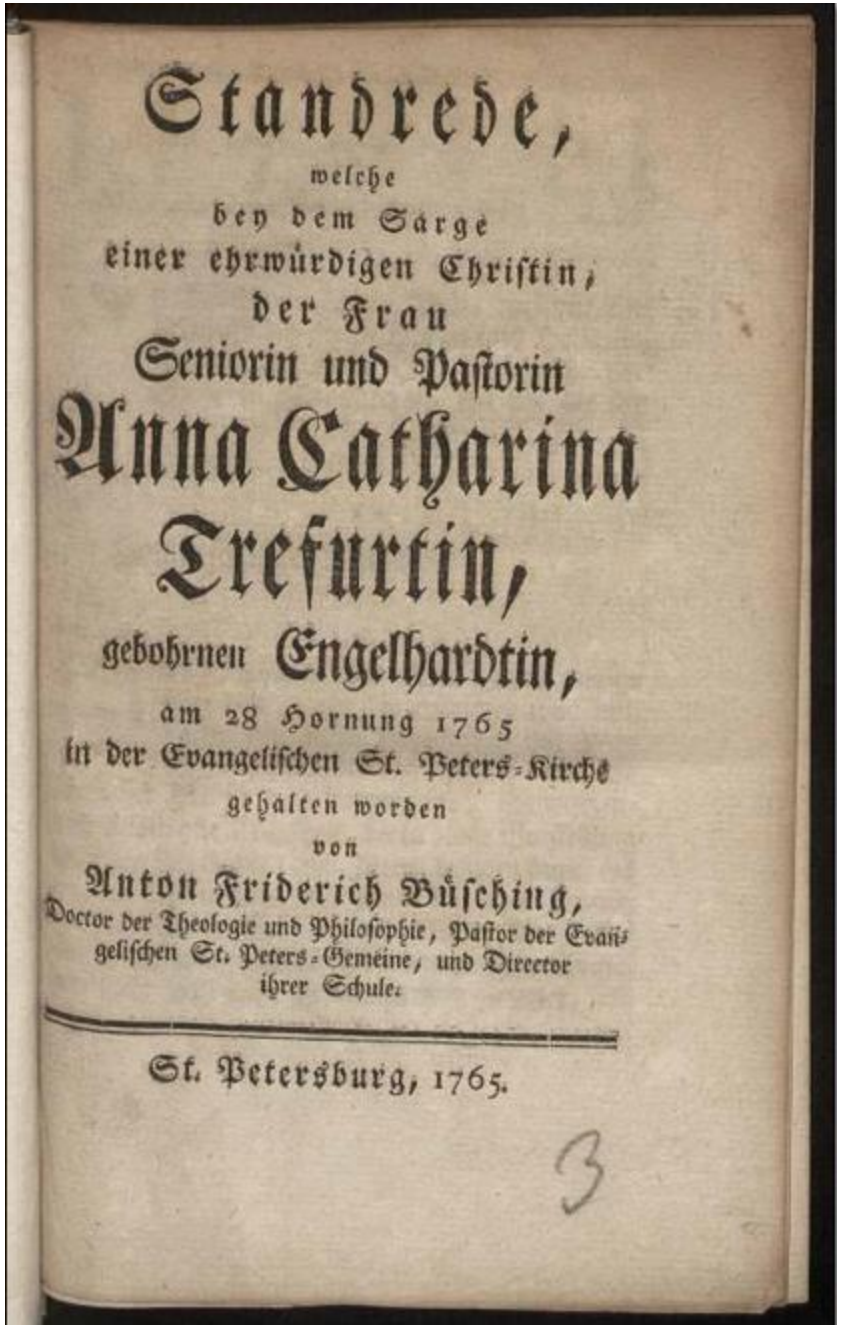
6. Описаніе Дороги отъ Санктъ Петербурга до Москвы. 1762.

7. Modell Entwerfung des Palmiten in der Sabarbar. St. Petersb. 1774.

St. Petersburg
den 22. August / 2. September 1778.

Baron v. Asch.

____ [Büschings] TrauerRede auf den Tod der Fr. Pastorin Trefurtin. St. Ptetersb. 1765



Standrede,
welche
bey dem Sarge
einer ehrwürdigen Christin,
der Frau
Seniorin und Pastorin
Anna Catharina
Trefurtin,
gebohrnen Engelhardtin,
am 28 Hornung 1765
in der Evangelischen St. Peters-Kirche
gehalten worden
von
Anton Friderich Büsching,
Doctor der Theologie und Philosophie, Pastor der Evangelischen St. Peters-Gemeine, und Director ihrer Schule.

St. Petersburg, 1765.

3

Title page of the book, now part of the stock of the Göttingen State and University Library.

Digital Copy:

https://www.deutsche-digitale-bibliothek.de/item/6IOEUJNCLFUMCADYCPFRXIL7V4AS66X6

Jn 20/21 Jul 1788.

Jn Nro 68.

* Nota. zur Tungusisch-Schamanischen Kleidung.

Zuerst wird der mit neun Stangen Bureanen, Distlangen, Marken, und einem Fischmaul Schamanisch gezierte Hoet angezogen. Ueber diese Kleidung wird die grosse lange Gurte um den Leib gewunden, so daß die letztern Theile derselben vorne über die Brust ins Creutz aufwärts

[illegible] Inscription wird auf der rechten Seite am Rocke befestigt. Der Schaman giebt vor, daß sie sein Diplom sey.

Die rasende Stellung, konnte dergestalt so unsprechend werden, wie sie der Schaman Tab. 68. (wird Vorstellung Schöne Blatt genannt) vorgestellt ist.

Nur die Zauber Trommel fehlet, muß dazu.

Unter den Stangen von Bureanen, Distlangen, gleicht, und so vielen diesen Aufsatz, am Schamanischen Kleide, bemerkt man auch Lederne Taschen, worinn Thierisch Fleisch aufbewahrt ist.

Tab. 68.

GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN
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Ethnographic Collection

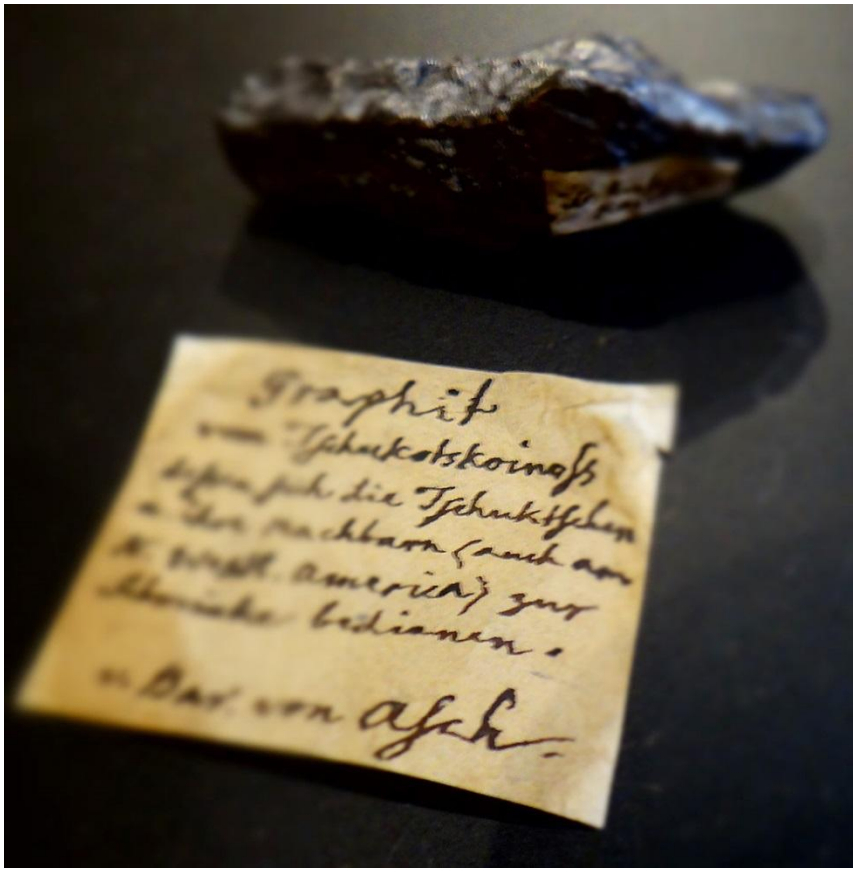


Shamans costume back, Siberia,

Tungus (Evenks),

As 957

Geoscience Centre: Historical Collections



Graphite; Geoscience Museum;

with original labeling – von Asch gives some information on the graphit‘s use

Anatomy

Zoology

Geoscience Centre

Arts Collection

Archaelogical Institute

Ethnographic Collection

Library

7 AT ONE STROKE:
7 COLLECTIONS – ONE MODEL

Use Cases



- UC 1 Information about resources
- UC 2 Identification of resources
- UC 3 Information about the history/lifecycle of resources
- UC 4 Information about change of use and reception of resources
- UC 5 Proof of information by evidence
- UC 6 Reliability of statements
- UC 7 Access to resources
- UC 8 Reuse of data

(http://asch.wiki.gwdg.de/index.php/Use_Cases)

Description of Provenance

- „… descriptions of the entities and activities involved in producing and delivering or otherwise influencing a given object.“
  Source: https://www.w3.org/TR/prov-overview/

- Description of the events in the lifecycle of an object
  - LIDO (Lightweight Information Describing Objects)
  - CIDOC-CRM (Conceptual Reference Model of the International Committee for Documentation of the International Council of Museums)
  - W3C PROV (a specification to express provenance records)

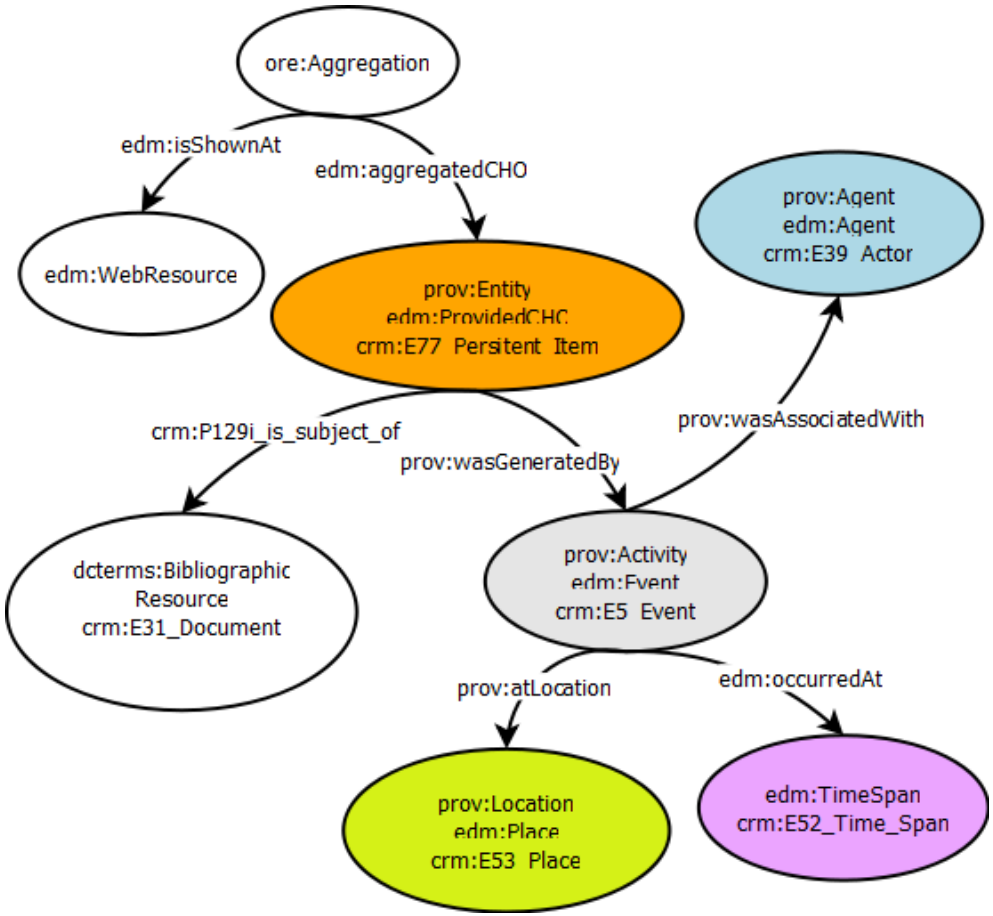
- Involved entities: what, who, when, where

- Evidence verifying statements

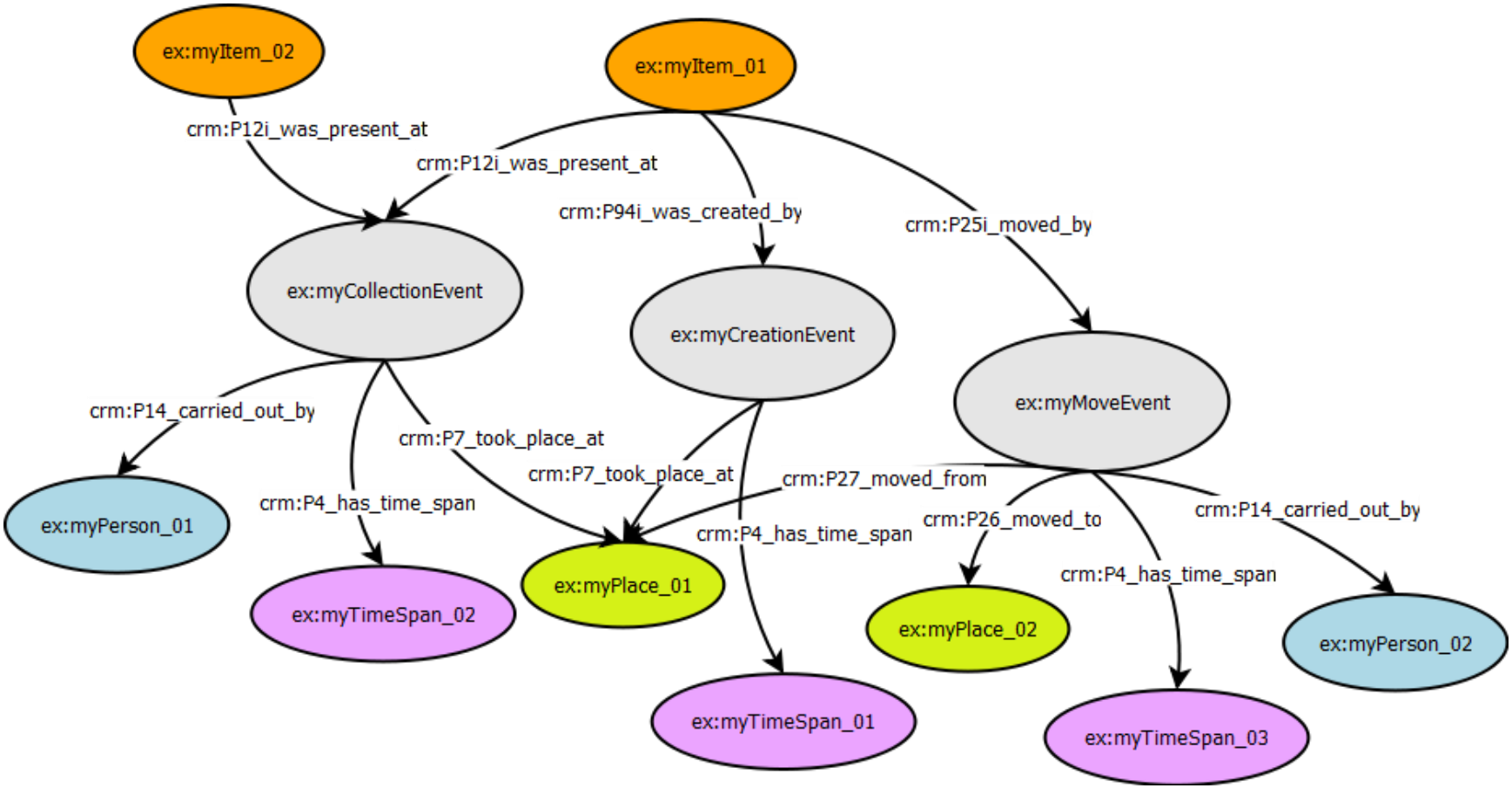
History/Lifecycle of a resource

- Developing a metadata framework to bring together provenance descriptions of different type

- Focusing on activities/events
  - W3C PROV as the backbone
  - Align it with other standards (e.g. EDM, CIDOC CRM)
  - Align it with digital representations
  - Align it with evidence

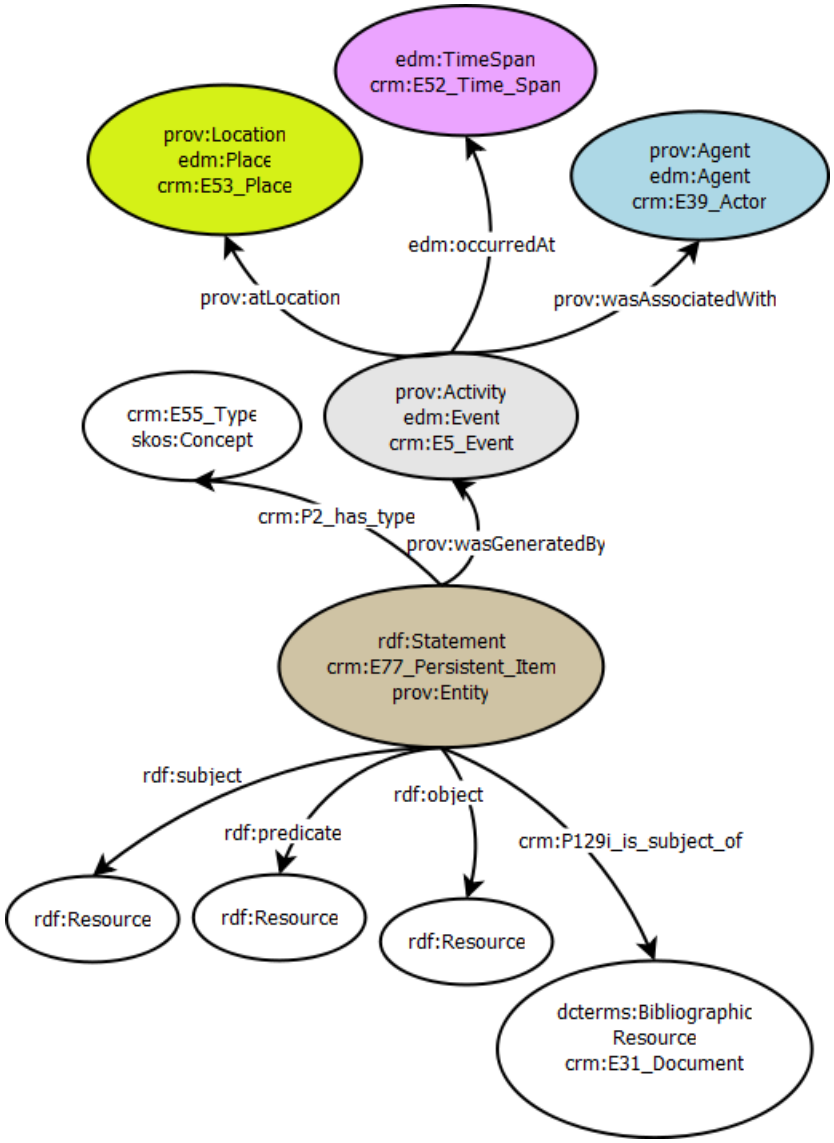


Event-based Description of the Lifecycle

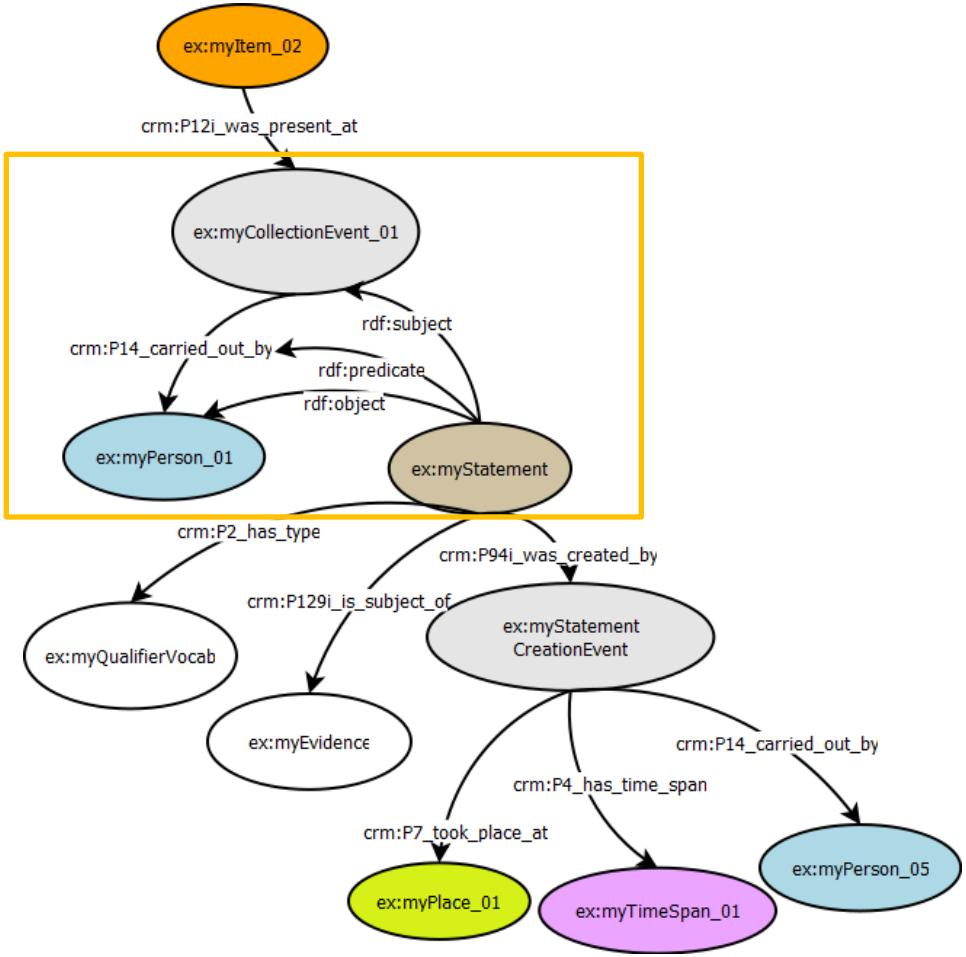


Statement Provenance

- Developing a metadata framework that allows to describe
  - Who made what statement when and where
  - How reliable a statement is
- Reuse of existing standards
  - Focusing on RDF -> Reification
  - Align it with other standards
  - Align it with evidence descriptions
- „Reification in this context means the expression of something in a language using the language, …“ (Source: https://www.w3.org/DesignIssues/Reify.html)

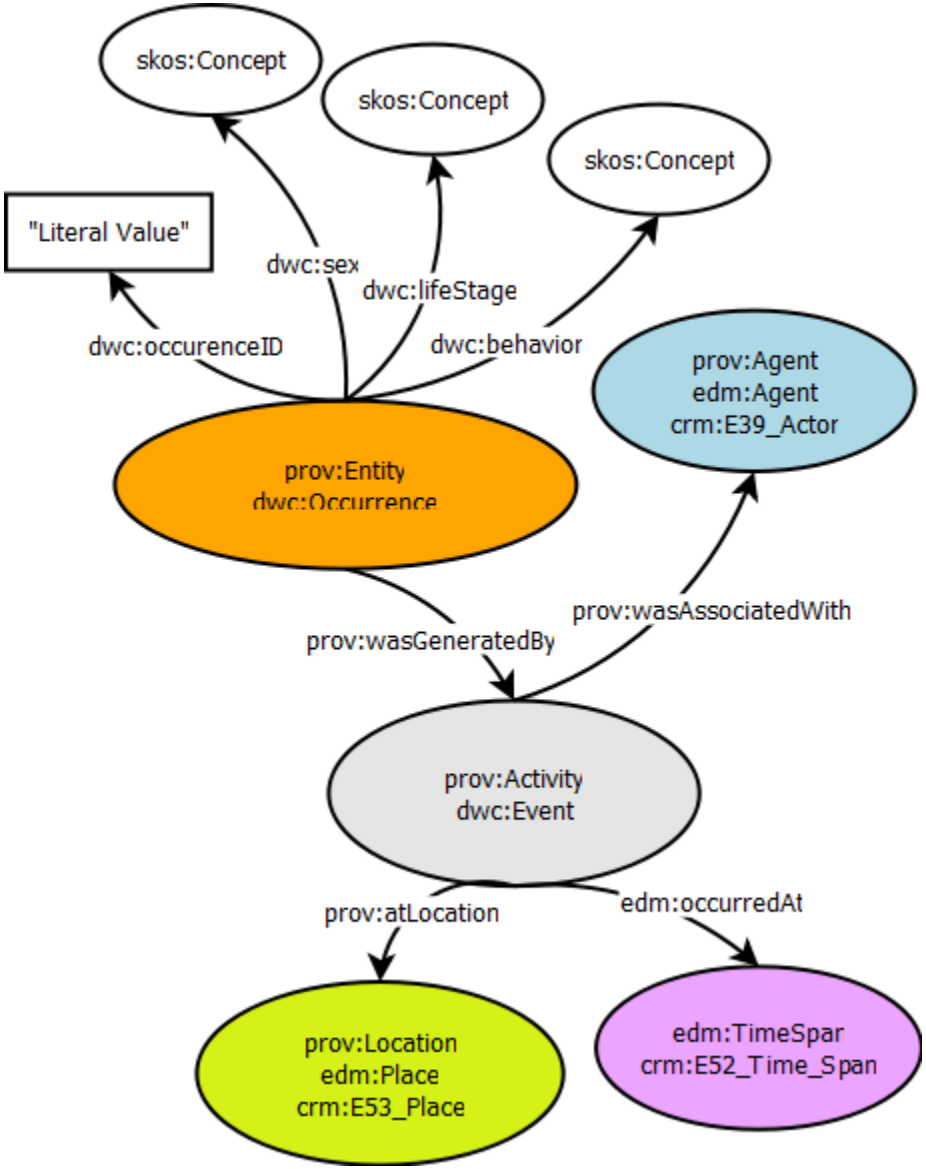


Description of Provenance Statements



Domain-specific Description

- Align provenance description with domain-specific standards
  - Darwin Core
  - MODS
  - nomisma.org
  - etc.
- Provide provenance information in different RDF-compliant standards
  - CIDOC-CRM
  - Darwin Core
  - EDM
- Dumb-Down specific Properties and Classes



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Any questions?

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and more information at:
http://asch.wiki.gwdg.de/index.php/Main_Page

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