go indigo 2022

International Graffiti Symposium

document | archive | disseminate graffiti-scapes

11-13 May 2022 Vienna, Austria

The INDIGO graffiti project is funded by the Heritage Science Austria programme of the Austrian Academy of Sciences (ÖAW)

Towards a Graffiti Thesaurus in SKOS

Jona Schlegel
Massimiliano Carloni
Stefan Wogrin
Geert Verhoeven

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Jona Schlegel

LBI ArchPro

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Since September 2021 **INDIGO**

Documentation, archiving, dissemination of graffiti

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Repository Manager for **ARCHE**

Since December 2021 **INDIGO**

Data modelling

Archiving and dissemination of graffiti

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Graffiti + terms
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SKOS
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Demo, INDIGO's next steps

Spreading information

Spraycan Art (1987)

Subway Art (1984)

Wild Style (1983)

Taki 183 Spawns Pen Pals (1971). In New York Times, 7/21/1971, p. 37.

Formalising terms of a topic

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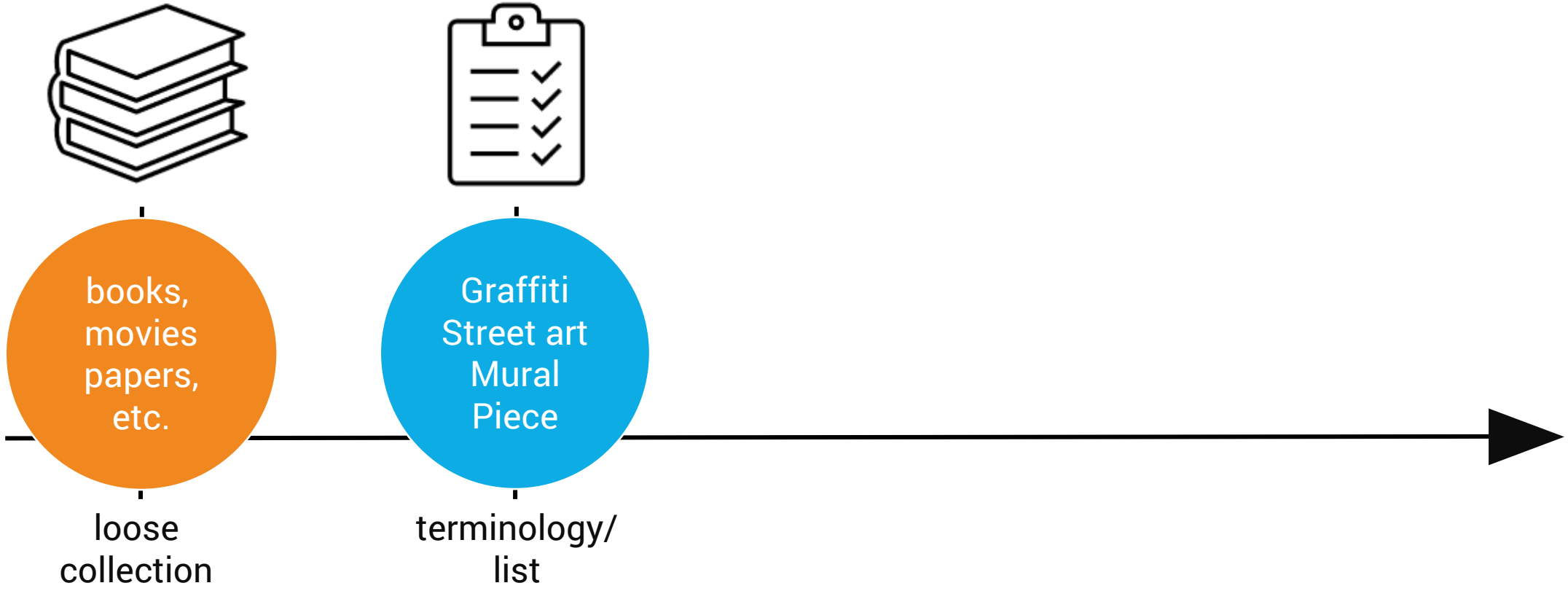
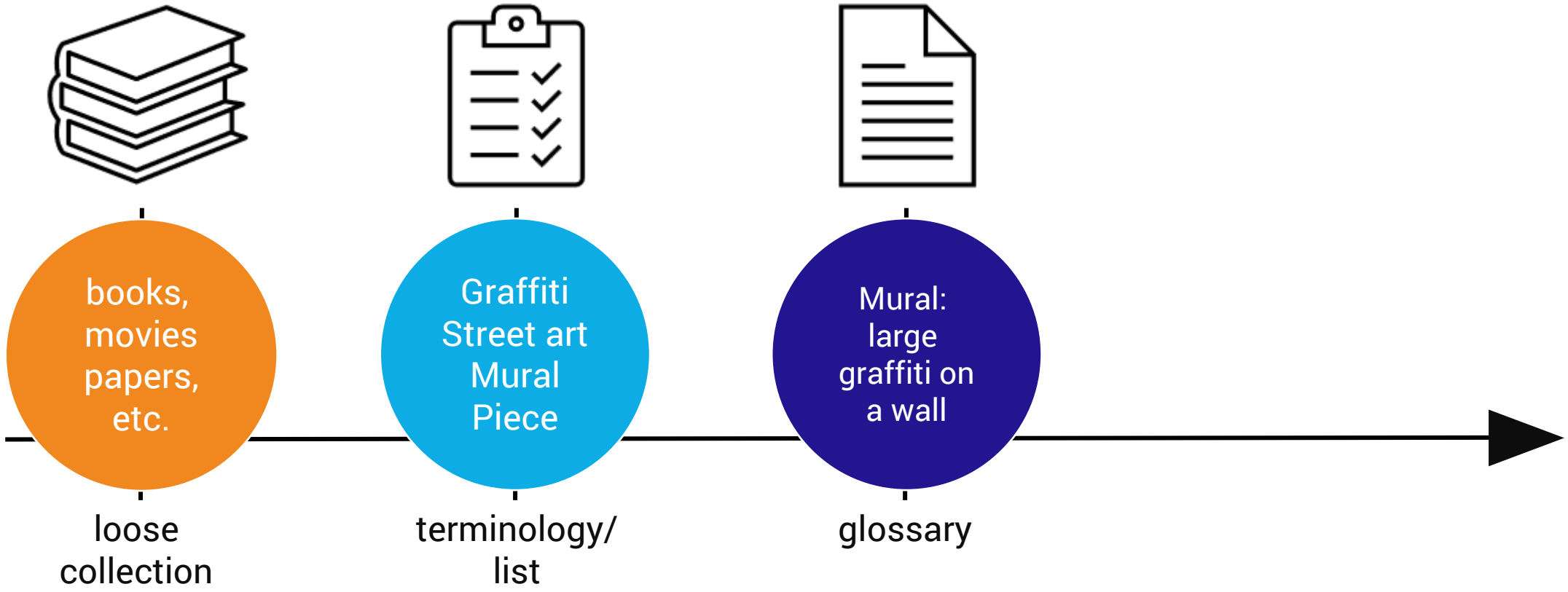


Formalising terms of a topic



Murals

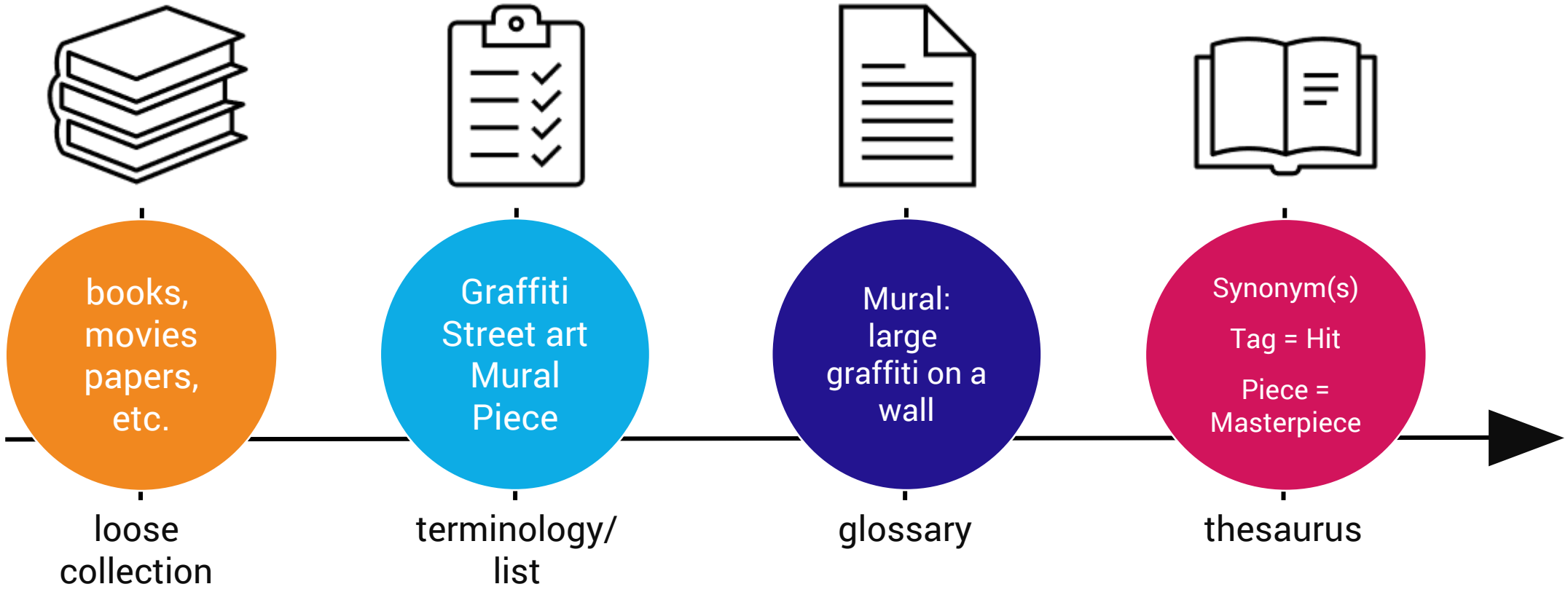
"**Large** paintings **on walls, sides of buildings etc.** where the artist/s have been given express **permission by the owner**, and/ or has been **commissioned** to do the piece […]. Often depicting **historical** and/ or **religious** events, themes, **individuals**, etc."

Ross (2016)

"A **large-scale** piece or painting executed directly upon a **wall**."

Schacter (2013)

Formalising terms of a topic



Controlled Vocabulary

Defined scope/ specific topic

Organized words and phrases

Enables browsing and searching

Includes preferred and variant terms

Harpring (2010)

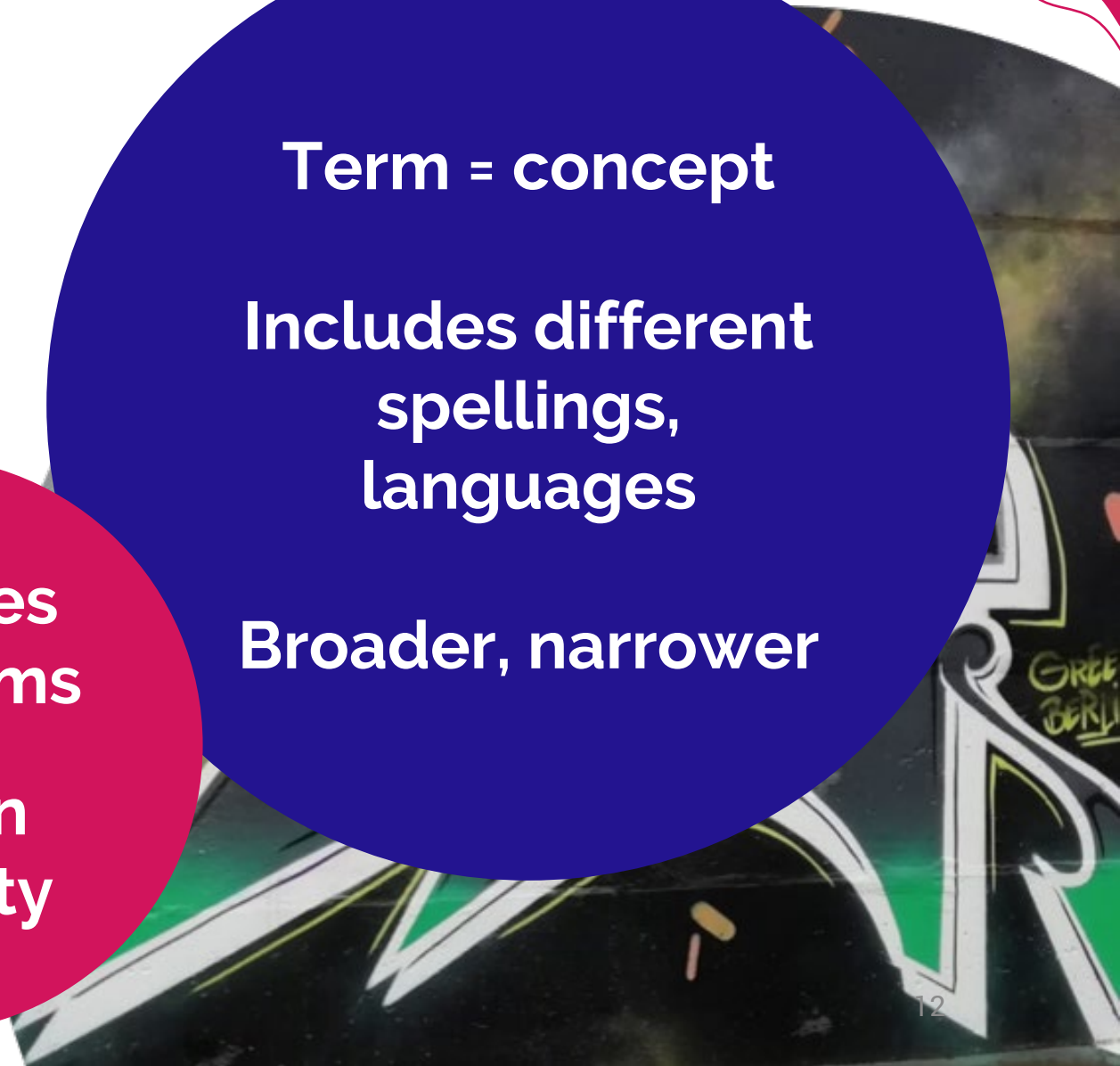
Term = concept

Includes different spellings, languages

Broader, narrower

Excludes new terms

Human fallibility



Thesaurus

SYNONYM, MISSPELLING, DIFFERENT LAN GUAGES

Throw-Up:
(synonyms)
t-up; throwie

HIERARCHICAL RELATIONS

Outline
↓
Second Outline

DESCRIPTIONS/ NOTES

- etymology
- historical notes
- detailed description

COLLECTIONS/ GROUPING

Group: Style
- 3D
- Wild Style

INDIGO approach

COLLECTION

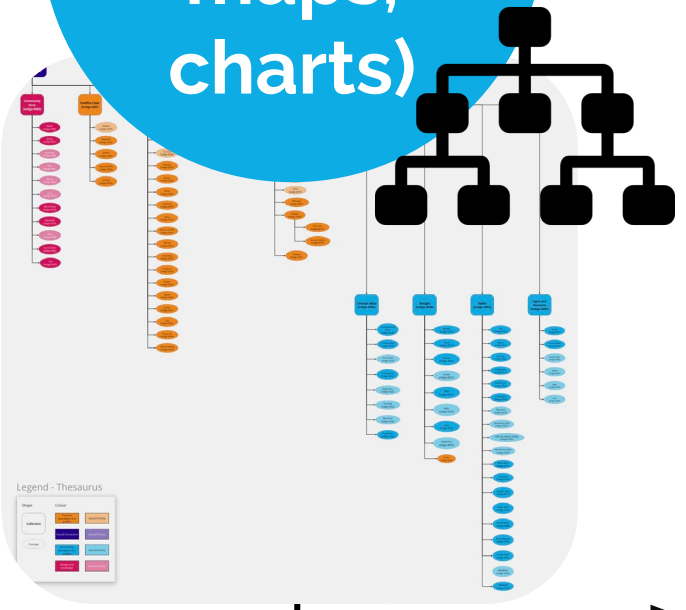
(books, papers)

LISTING

(spread-sheet)

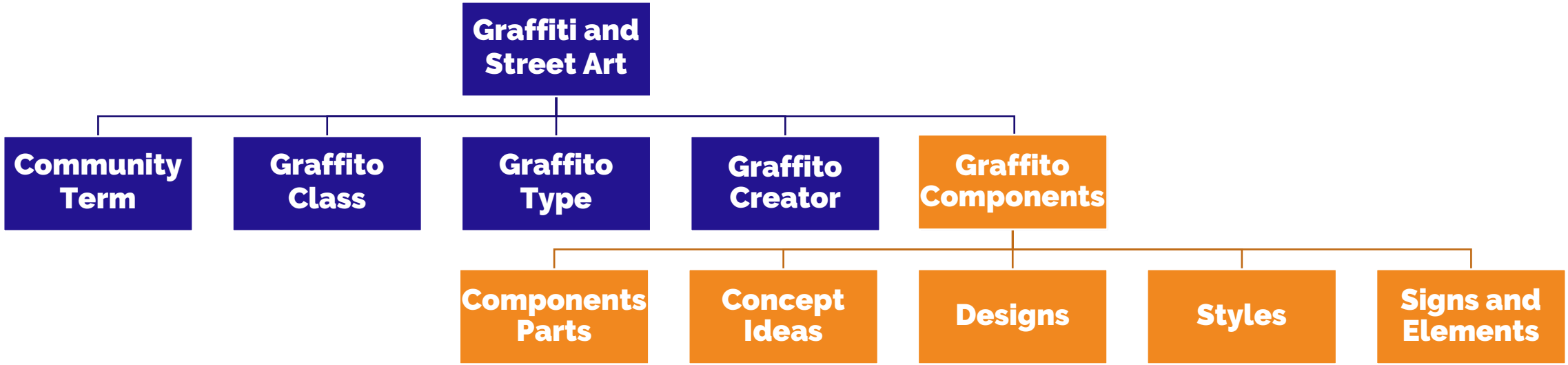
STRUCTURING

(mind maps, charts)



INDIGO approach

- 100 (key) terms
- related to the Danube Canal (Vienna), describe a graffito
- Grouping the terms, relations (narrower, broader)



Requirements

1. **Refer to concepts in an unambiguous way**

   "Anarcho Mark", "Anarchie Zeichen" etc. → just the same concept

2. **Document concepts**

   From an editorial, scholarly, historical point of view

3. **Detail relationships between concepts**

   Both hierarchical and associative relationships

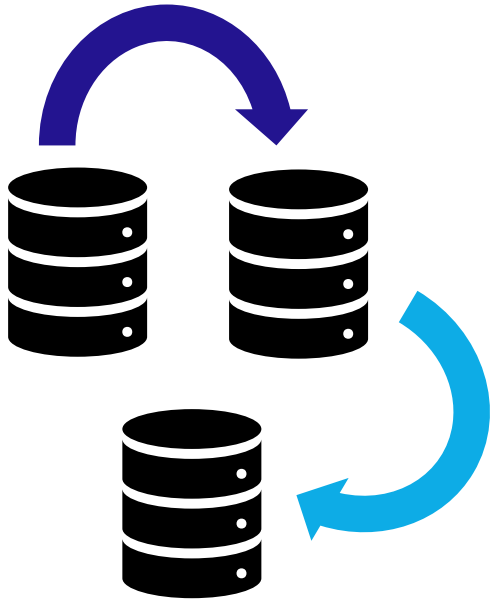
4. **Connect concepts to external resources**

   For example, Wikidata and Getty AAT Thesaurus

The Semantic Web

May 2001

Web of Documents



Web of Data

The Semantic Web

https://en.wikipedia.org/wiki/Johann_Strauss_II

Johann Strauss II

From Wikipedia, the free encyclopedia

"Johann Strauss" redirects here. For other uses, see Johann Strauss (disambiguation).

Johann Baptist Strauss II (25 October 1825 – 3 June 1899), also known as **Johann Strauss Jr.**, **the Younger**, **the Son** (German: *Sohn*), was an Austrian composer of light music, particularly dance music and operettas. He composed over 500 waltzes, polkas, quadrilles, and other types of dance music, as well as several operettas and a ballet. In his lifetime, he was known as "The Waltz King", and was largely responsible for the popularity of the waltz in Vienna during the 19th century. Some of Johann Strauss's most famous works include "The Blue Danube", "Kaiser-Walzer" (Emperor Waltz), "Tales from the Vienna Woods", "Frühlingsstimmen", and the "Tritsch-Tratsch-Polka". Among his operettas, *Die Fledermaus* and *Der Zigeunerbaron* are the best known.

Strauss was the son of Johann Strauss I and his first wife Maria Anna Streim. Two younger brothers, Josef and Eduard Strauss, also became composers of light music, although they were never as well known as their brother.

Contents [hide]

1 Spelling of name
2 Early life
3 Debut as a composer
4 Career advancements
5 Marriages
6 Musical rivals and admirers
7 Stage works
8 Death and legacy
9 Portrayals in the media
10 Works
11 Notes
11.1 Sources
12 Further reading
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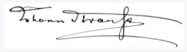
Johann Strauss II

Born	25 October 1825 Vienna, Austrian Empire
Died	3 June 1899 (aged 73) Vienna, Austria-Hungary
Resting place	Vienna Central Cemetery
Occupation	Composer
Spouse(s)	Henrietta Treffz (m.1862; died 1878), Angelika Dittrich (m.1878; div. 1882), Adele Deutsch (m.1887)
Parents	Johann Strauss I (father) Maria Anna Streim (mother)

Signature

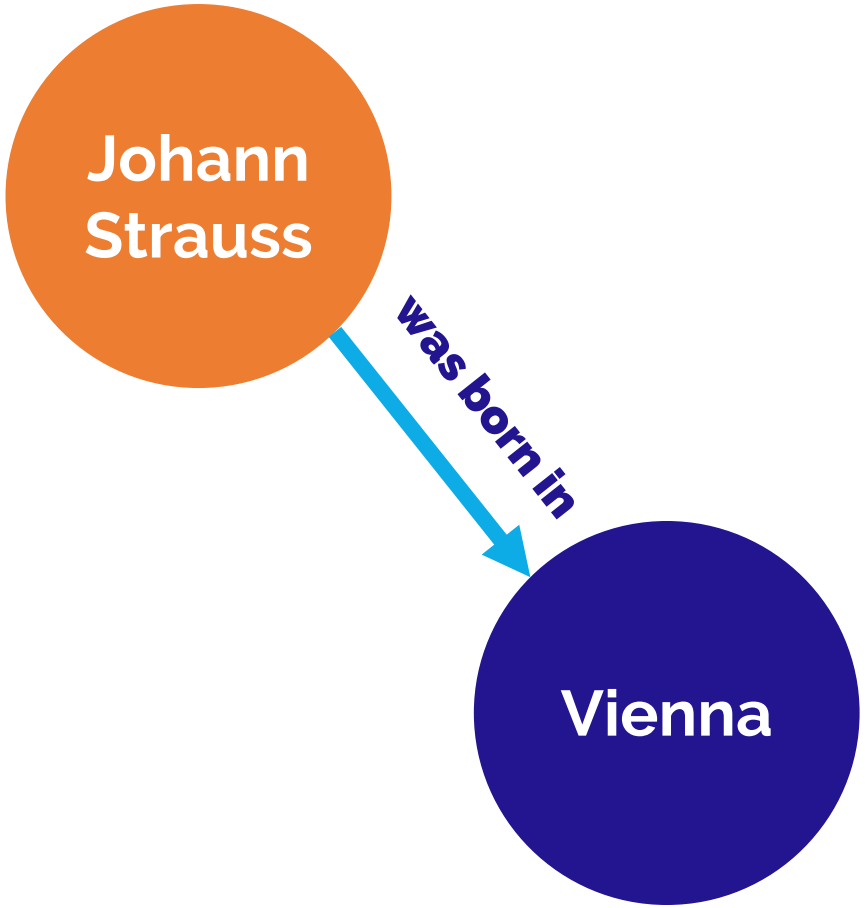


Spelling of name [edit]

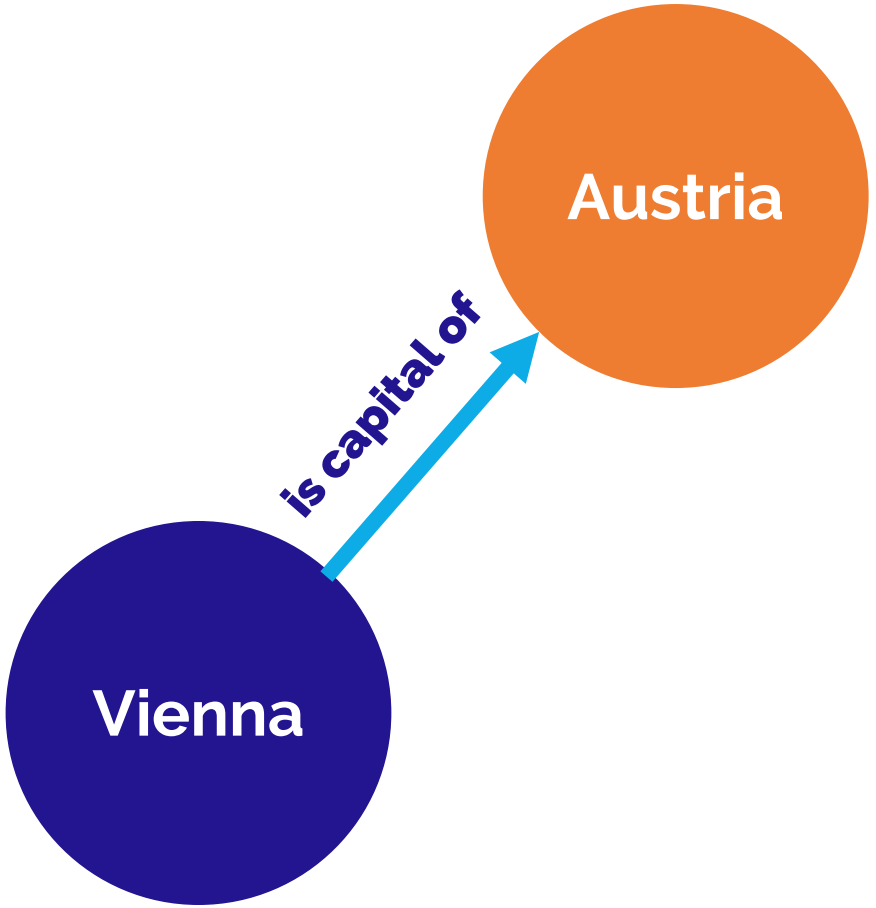
Although the name Strauss can be found in reference books frequently with "ß" (Strauß), Strauss himself wrote his name with a long "s" and a round "s" (Strauſs), which was a replacement form for the Fraktur-ß used in antique manuscripts. His family called him "Schani" (Johnny), derived from the Italian "Gianni", a diminutive of "Giovanni", the Italian equivalent of "Johann" (John).[original research?]

Triples

"… Johann Strauss was born in Vienna … "



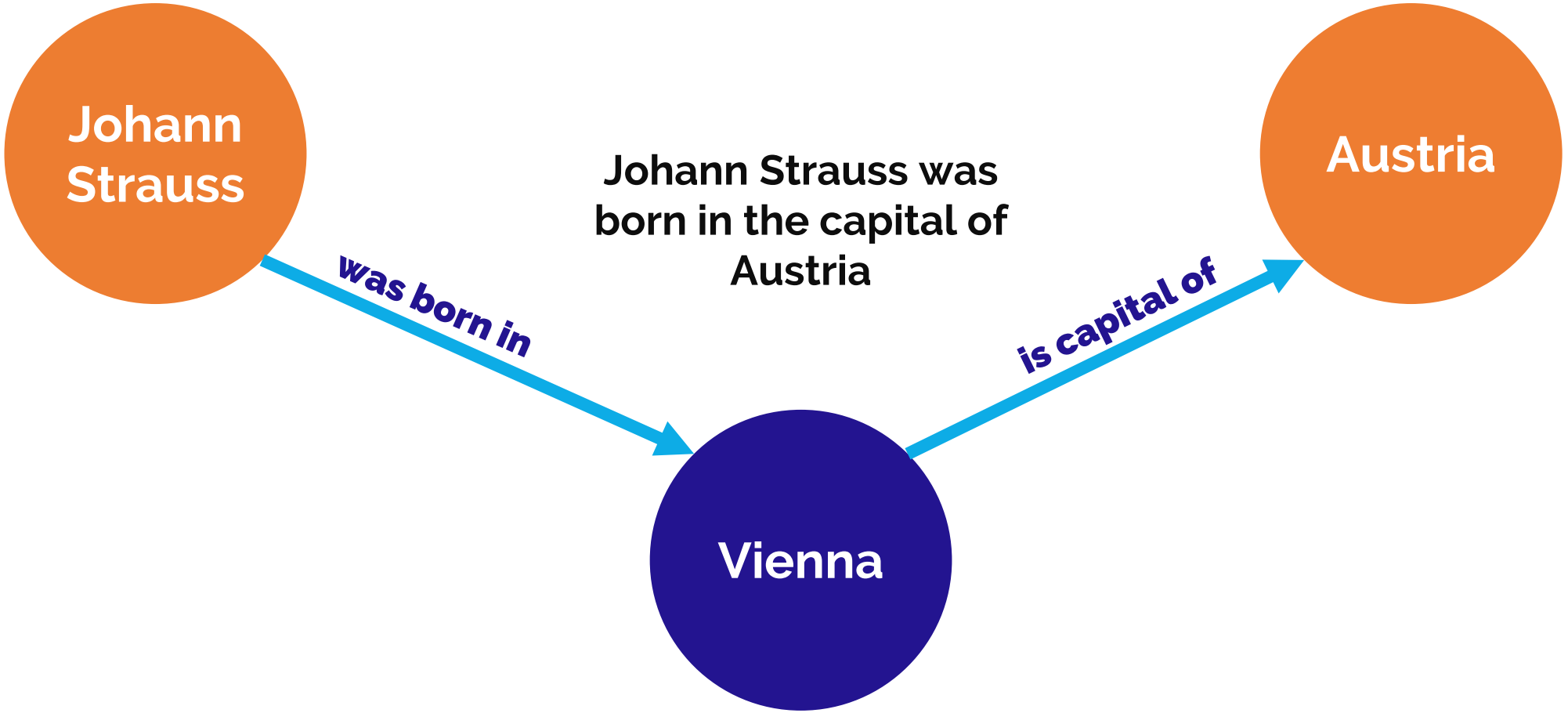
"… Vienna is the capital of Austria … "



Triples

"… Johann Strauss was born in Vienna … "

"… Vienna is the capital of Austria … "



Identifiers

Johann Strauss

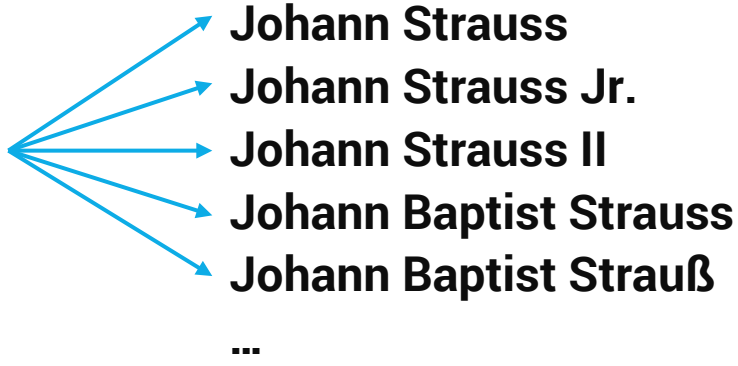
https://www.wikidata.org/entity/Q83309
(Johann Strauss Jr.)

≠

https://www.wikidata.org/entity/Q184178
(Johann Strauss Sr.)

Johann Strauss

https://www.wikidata.org/entity/Q83309



Identifiers

Class
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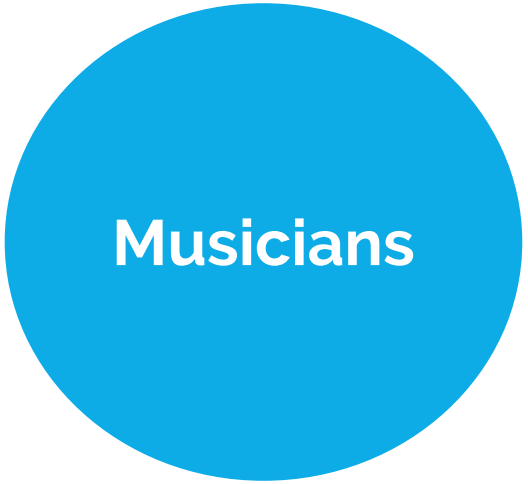


Property
https://www.wikidata.org/entity/P19
https://schema.org/birthPlace

ontology

what are the (kinds of) objects and their relationships in a certain domain?

SKOS

Simple

Knowledge

Organization

System

Controlled Vocabularies

https://vocabs.acdh.oeaw.ac.at/indigo/0004

a skos:Concept;

Multilingualism

skos:prefLabel "Anarcho Mark"@en;
skos:prefLabel "Anarchie Zeichen"@de;

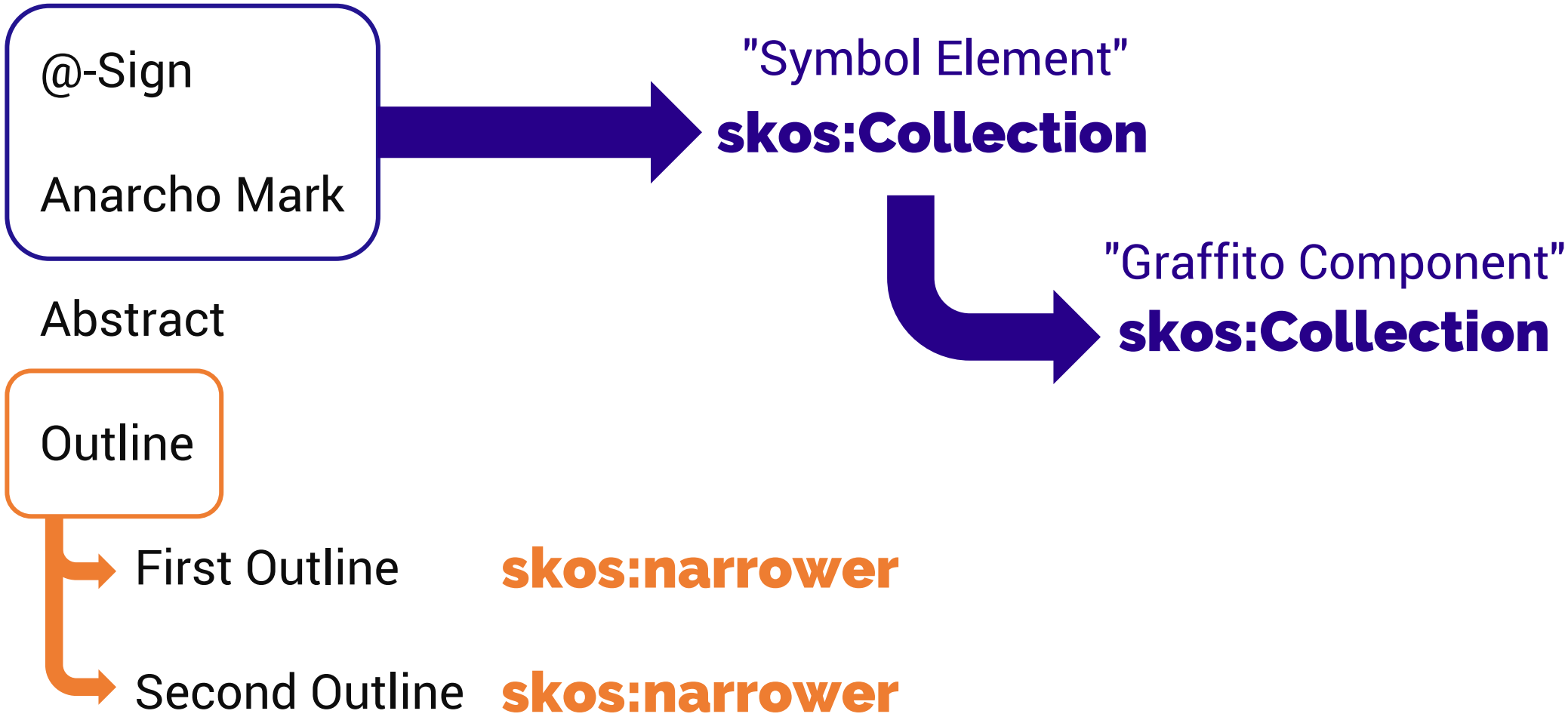
Alternative labels

skos:altLabel "Anarchy Sign"@en;
skos:altLabel "Anarchismus"@de ;

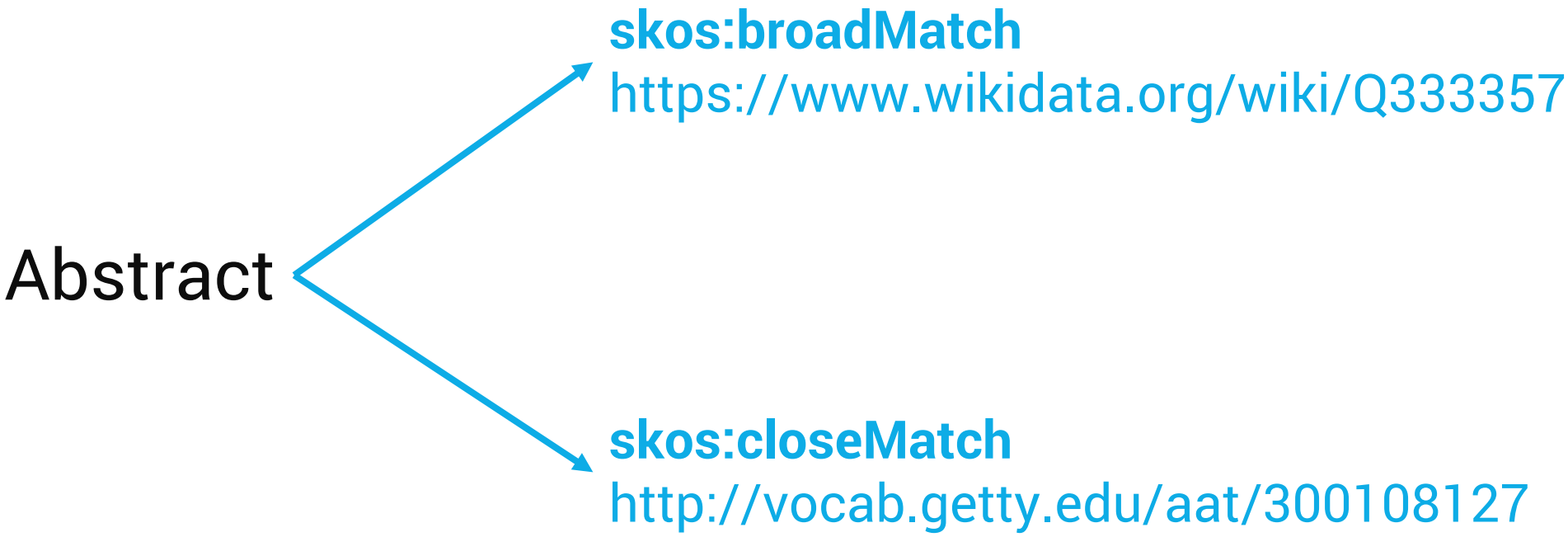
Documentation

skos:definition "...";
dct:source "Kreuzer 1986, Milstein 2010";

Relationships



Link to external resources



Demo

Vocabs services

https://vocabs.acdh.oeaw.ac.at

ACDH-CH, Vienna

Based on SKOSMOS tool

Outlook

- Link to OpenATLAS
- Cover the whole range of graffiti
- Feedback from experts
- Share + Reuse
  → (academic) community

~ 16 000 B.C.
Lascaux Cave, France

REFERENCES

Ahearn, Charlie (1983): Wild style. Charlie Ahearn, 82 min.

Chalfant, Henry; Prigoff, James (1987): Spraycan art. London: Thames & Hudson (Street Graphics - Street Art).

Cooper, Martha; Chalfant, Henry (1984): Subway art. London: Thames & Hudson.

Harpring, Patricia (2010): Introduction to controlled vocabularies. Terminology for art, architecture, and other cultural works. Los Angeles: Getty Research Institute.

Ross, Jeffrey Ian (Ed.) (2016): Routledge handbook of graffiti and street art. Abingdon, New York: Routledge (Routledge international handbooks).

Schacter, Rafael (2013): The world atlas of street art and graffiti. Sydney: NewSouth Publishing.

Zaytseva, Ksenia; Ďurčo, Matej (2020): Controlled vocabularies and SKOS. Version 1.1.0. DARIAH-Campus. https://campus.dariah.eu/id/D8d6OrLdpLlGRqBSQDVN0.

indigo

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Stadt Wien

SPRAY CITY.AT

LUDWIG BOLTZMANN INSTITUTE
Archaeological Prospection and Virtual Archaeology

The INDIGO graffiti project is funded by the Heritage Science Austria programme of the Austrian Academy of Sciences (ÖAW)