

WORKS IN RISM

We present a new authority dataset of musical works, with music incipits, specifically designed for referencing thematic catalogue entries within RISM and the wider Linked Data ecosystems. This initiative builds on thematic catalogues that have been used in RISM source cataloguing for decades and makes them available in a new digital context.

Thematic catalogues in RISM

Thematic work catalogues have been continuously used by RISM cataloguers. Hundreds of work catalogues are being recommended for the cataloguing, and thousands of sources in RISM refer to them.

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Catalog of works Schneider, Herbert. Chronologisch-thematisches Verzeichnis sämtlicher Werke von Jean-Baptiste Lully (=LWV). Mainzer Studien zur Musikwissenschaft, 1981. Tutzing (LWV). 50/20.

- 1. How can we turn this data into a properly curated and accessible authority?
- 2. How can we-at the same time-have less strictly defined works and link and interact with other datasets

Make the distinction between data we want to have published as authority data (works) and data we

do not (work nodes)



Work-node data

◆ To be used for linking RISM sources with other resources

Alceste (Excerpts); Manuscript copy; LWV 50/20; I-

Rama A.Ms.3978

This record is part of a collection

Title and content description

217 Items; I-Rama A.Ms.3978

Full Record: https://rism.online/sources/850041236

◆ Not to be published as an authority dataset

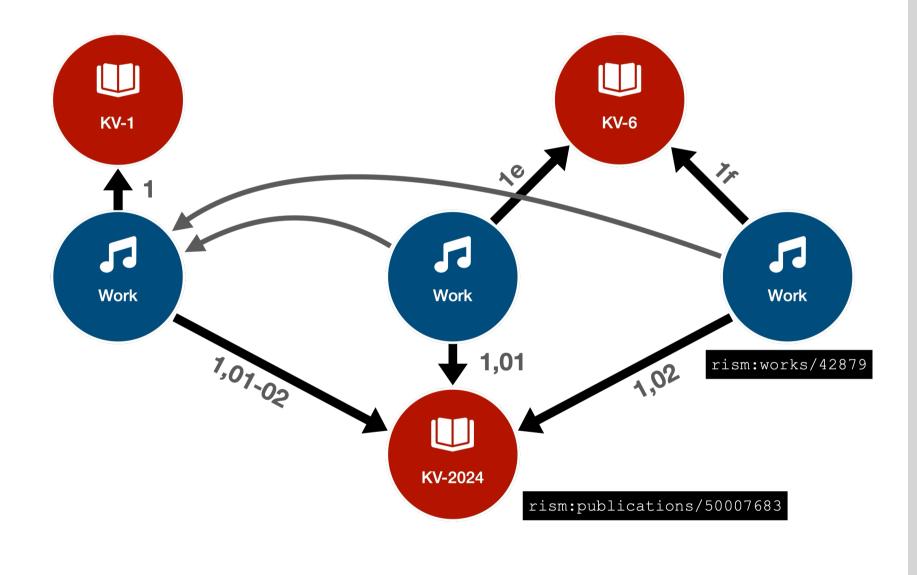


Work data

- ◆ Aggregated from work catalogue references given in RISM
- ◆ To be curated and published as RISM authority dataset
- ◆ Referenced from sources through qualified links (e.g. "arr.")

Workflow and works listed in different catalogues

- ◆ Dynamic data flow and data mapping enable flexibility without overloading the model
- ◆ Work nodes can be promoted to (or replaced by) corresponding works when these are created within a work catalogue in Muscat.
- ◆ Work catalogues can be added with new works or refer to existing works from an "alternate" existing catalogue.
- ◆ The primary catalogue for a work can changed as appropriate.
- ◆ Data from external authority datasets can be ingested and updated on a regular basis.



Example of a work published in KV-1 as 1, split in KV-6 as 1e and 1f and their corresponding numbers in the latest version of the catalogue KV-2024

Goals of the project

1. Digital Access Point for Works

The dataset provides structured records for thematic catalogue of musical works. These records enable the aggregation of sources within RISM and facilitate interlinking with external authority work datasets.

2. Enriched Work Description

Most of the work records include notated music incipits derived from the source incipits in the RISM dataset encoded in *Plaine and Easie* code. The project also supports extended incipits in MEI format.

3. Aggregator for Thematic Catalogues

The dataset functions as an aggregator for thematic catalogues by mapping entries across multiple catalogues and avoiding duplication. Each work can be linked to one or more catalogues, with one designated as "primary."

4. Mapping to External Datasets

The work records can be linked to external authority datasets such as GND, BnF, MusicBrainz, and WikiData, enhancing discoverability and cross-platform integration.

5. Platform for New Thematic Catalogues

The project will provide infrastructure and guidelines for creating new thematic catalogues, with a particular focus on underrepresented composers and repertoires.

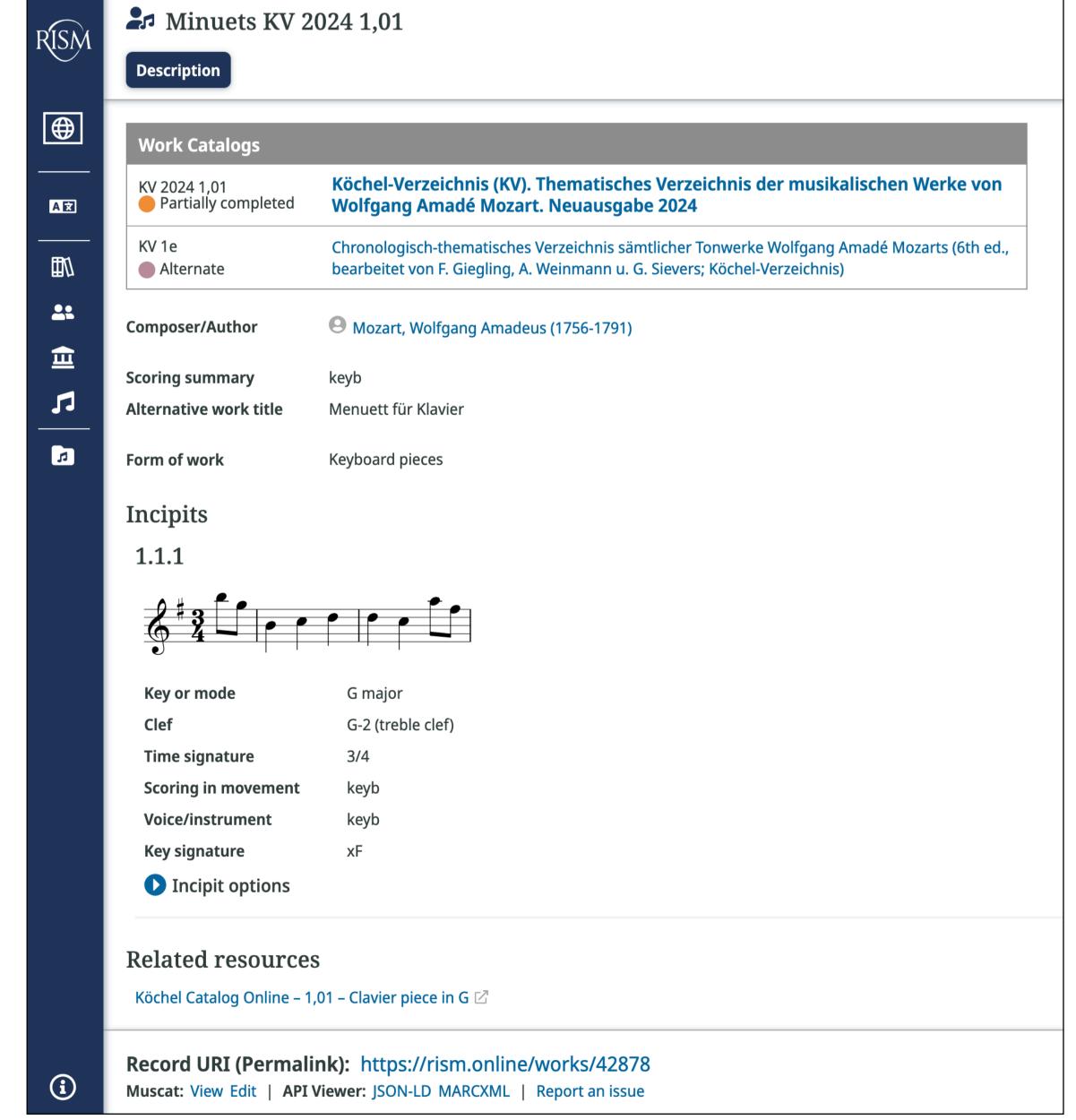
Work data extraction process

- 1. Generate work records from sources sharing the same catalogue reference
- 2. Extract incipits from the source with the most elaborated incipits
- 3. Clean up the generated works
- 4. Fill gaps (missing works or missing incipits)
- 5. Add links to external resources (e.g., an online version of the catalogue)
- 6. Generate mapping with external authorities (e.g., GND)

RISM ID	Title	Catalogue	Sources
49897	Paër, Ferdinando: Circe, T, orch; ; PaWV 2	PaWV 2	4
49888	Paër, Ferdinando: Le astuzie amorose; ; PaWV 3	PaWV 3	12
49899	Paër, Ferdinando: Laodicea, V (2), orch, b; ; PaWV 4	PaWV 4	2
49894	Paër, Ferdinando: L'oro fa tutto, S, orch; ; PaWV 6	PaWV 6	26
49921	Paër, Ferdinando: Il nuovo Figaro, V, orch; E b; PaWV 7	PaWV 7	1
49887	Paër, Ferdinando: Il matrimonio improvvi <datafield ind1=" " ind<="" tag="690" td=""><td>12=" "></td><td>6</td></datafield>	12=" ">	6
49902	Paër, Ferdinando: I Molinari; ; PaWV 9 <subfield code="a">PaWV<td></td><td>5</td></subfield>		5
49886	Paër, Ferdinando: L'Idomeneo, V (2), orc		10
49898	Paër, Ferdinando: Ero e Leandro, S (2), o <pre></pre>	5/3/43 <td>3</td>	3
49892	Paër, Ferdinando: La Rossana; ; PaWV 12	Pavvv 12	1
49900	Paër, Ferdinando: Il Cinna, S, orch; ; PaWV 13	PaWV 13	2
49877	Paër, Ferdinando: Cinna, S (2), orch; ; PaWV 13.4a-c	PaWV 13.4a-c	1
49874	Paër, Ferdinando: L'intrigo amoroso, S, orch; ; PaWV 14	PaWV 14	21
49923	Paër, Ferdinando: L'orfana riconosciuta, V (2), orch; ; PaWV 15	PaWV 15	1
49903	Paër, Ferdinando: L'amante servitore, V (2), orch; ; PaWV 16	PaWV 16	6
49861	Paër, Ferdinando: Il principe di Taranto, winds; ; PaWV 17	PaWV 17	28
49878	Paër, Ferdinando: Il principe di Taranto, V (2), orch; ; PaWV 17.16	PaWV 17.16	1
49875	Paër, Ferdinando: Il principe di Taranto, V (2), orch; ; PaWV 17.23b	PaWV 17.23b	1
49863	Paër, Ferdinando: La virtù al cimento, V (2), b; ; PaWV 18	PaWV 18	93

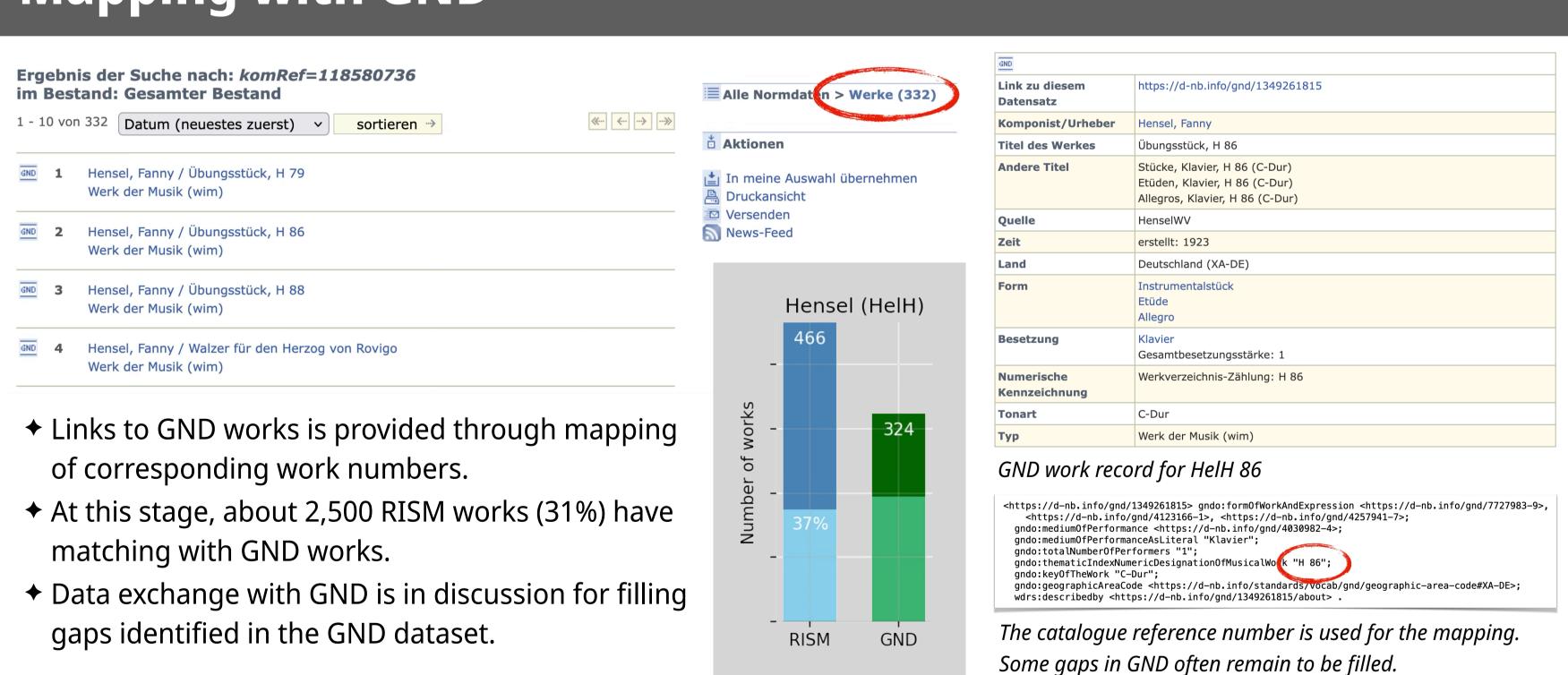
Example of a list of works after the initial work record generation step and before the cleanup of erroneous works

Publication in RISM Online



Record in RISM Online (beta)

Mapping with GND



Some figures

Number of works: ~15,000

→ with a music incipit: ~11,000 (73%)

◆ linked to a source: ~10,000 (67% or the works)

Number of catalogues: 40

- → completed: 29
- ◆ partially completed: 6
- ◆ alternate: 5

Source descriptions for composers in these catalogues: ~112,000

♦ with a catalogue reference : ~89,000 (40% of the sources with a reference)

◆ linked to a work: ~50,000 (56% of the sources with a reference)

Data

The dataset will be available in RISM Online with **permanent URIs** for both catalogue entries and individual works. Access will be provided via a userfriendly web interface and through an API (JSON-LD, Turtle, MARCXML).

