



Podiumkunst.net: connecting music and other performing arts collections with the RDA Ontology

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IAML Praha
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Consortium partners Podiumkunst.net (Pknet)

Ambition Metadata Workgroup:

Publishing the metadata sets of current and future consortium partners within the domain, establishing mutual relationships and connecting with external data sets for the benefit of creators, researchers and the general public.

(semantic) triple

subject predicate object



Stichting Theater in Nederland is de gids naar theatercollecties. Honderden jaren aan podiumkunsten zijn hier in beeld gebracht en vormen een belangrijke bron van informatie voor het theaterdomein.

[Stichting Theater in Nederland ↗](#)



De Stichting Centrale Discotheek (Muziekweb) is een online bibliotheek voor de Nederlandse muziek. Muziek van de afgelopen vijftig jaar is verzameld in meer dan acht miljoen tracks.

[Muziekweb ↗](#)



Beeld en Geluid brengt media samen. Diverse media, zoals radio- en televisieprogramma's, video(games), geschreven pers, politieke prenten, gifjes, websites en objecten worden samengebracht in één van de grootste archieven ter wereld.

[Beeld en Geluid ↗](#)



Het Allard Pierson stelt de collecties van de Universiteit van Amsterdam beschikbaar aan het publiek en de wetenschap. Van archeologie, cartografie, boekgeschiedenis, Joodse cultuur, kerkgeschiedenis, zoölogie en grafische vormgeving.

[Allard Pierson ↗](#)



De Stichting Omroep Muziek bestaat uit het Groot Omroepkoor en het Radio Filharmonisch Orkest en produceert levende muziek voor de publieke omroep.

[Stichting Omroep Muziek ↗](#)



Theaterkrant.nl is een uitgave van Stichting ter Bevordering van de Podiumkunst in Nederland (BPN). Volg het laatste nieuws, lees de nieuwste recensies en spit de theatervacaturebank door.

[Theaterkrant.nl ↗](#)



Het Nederlands Jazz Archief verzamelt alle materialen over de Nederlands jazzgeschiedenis, van vroeger tot nu. Het bestaat uit zo'n 550 strekkende meter aan boeken, muzikantenarchieven, geluidsdragers, foto's, knipsels en meer.

[Het Nederlands Jazz Archief ↗](#)



netwerk
digitaal
erfgoed

den





Mission principles

- Podiumkunst.net is being developed jointly with the performing arts institutions and archives
- Podiumkunst.net connects collections of varying maturity
- Podiumkunst.net makes collection items accessible through the facilities of the collection managing institutions
- Podiumkunst.net connects collections at resource level through sustainable identifiers
- Podiumkunst.net connects collections semantically by relating metadata fields to open terminology systems
- Podiumkunst.net encourages collections to refer as much as possible to authoritative sources
- Podiumkunst.net seeks connection with current and planned initiatives at the performing arts institutions and archives
- Podiumkunst.net applies open source and open standards where possible
- **Podiumkunst.net connects collections using a metadata model based on IFLA-LRM/RDA-ontology**

Why RDA?

- Very comprehensive, well-thought-out, consistent ontology
- Specially developed for the library and heritage sectors, with the user in mind
- Based on the LRM Ontology it is developed by an authoritative, international organization (IFLA)
 - reliable, sustainable maintenance partner (RDA Steering Committee)
 - expertise, knowledge sharing
 - accessible and open to suggestions from within specialized domains
- the relationships defined within the ontology vary from very abstract to very concrete
- WEMI structure provides for uniting different manifestations of the same work (*clustering*) and for adequate identification thereof
- Very well documented, in line with the practice of cataloguing and multilingual (including Dutch!)
- The Dutch Royal National Library (KB) has made the choice for the RDA ontology – but also for *schema.org* – in the process of publishing the National Bibliography as linked open data.

Challenge: rather limited knowledge and practice of RDA in the Netherlands

User tasks

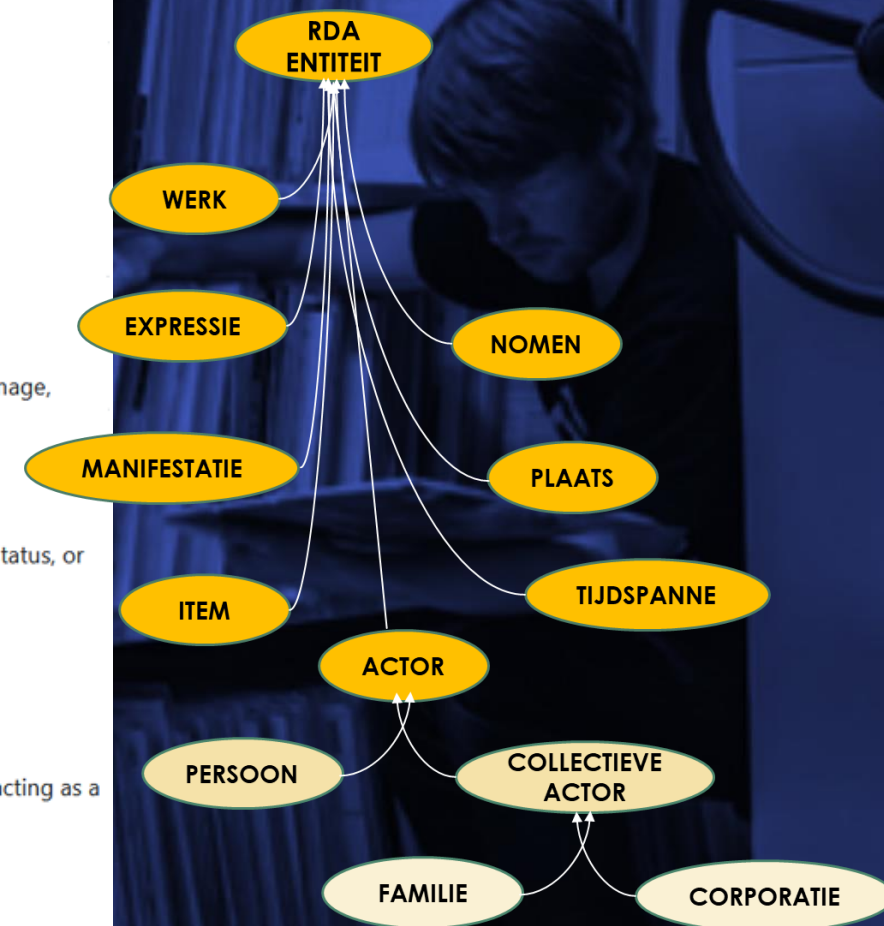
The Library Reference Model is an abstract framework for understanding meaningful relationships between entities within a bibliographic system and for developing consistent standards and specifications that support that system.

The functional scope of the model is derived from a set of tasks defined from the point of view and needs of the end user of library and cultural heritage resources.

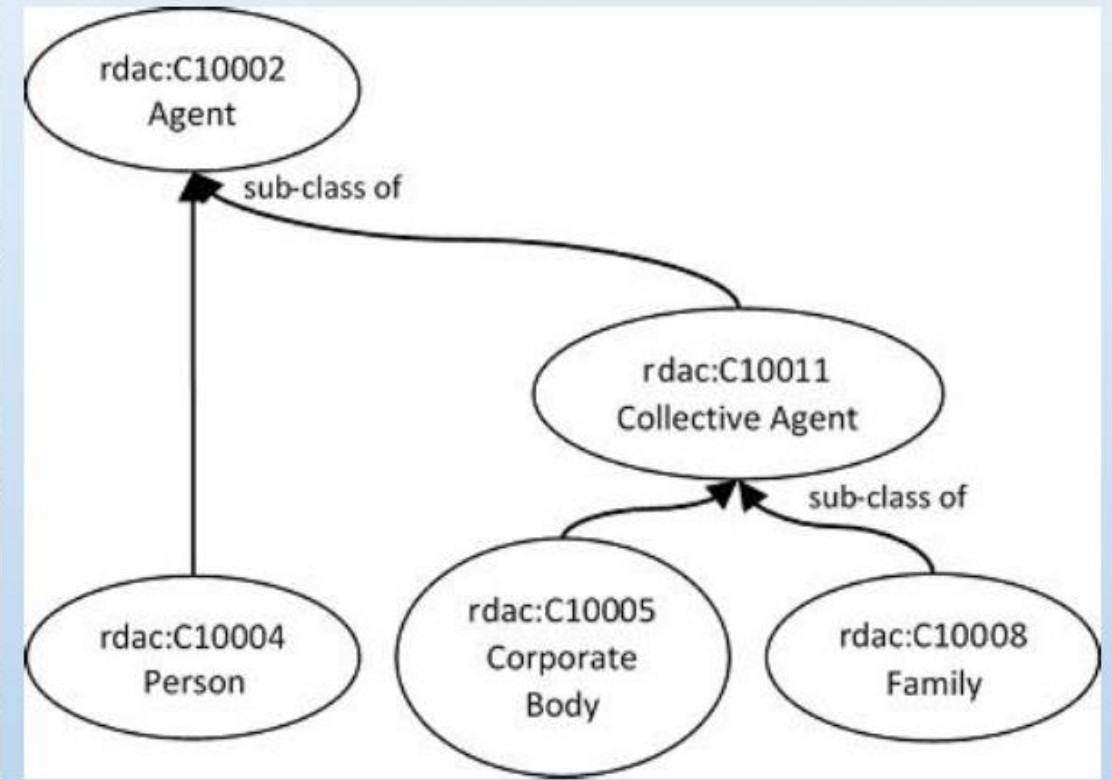
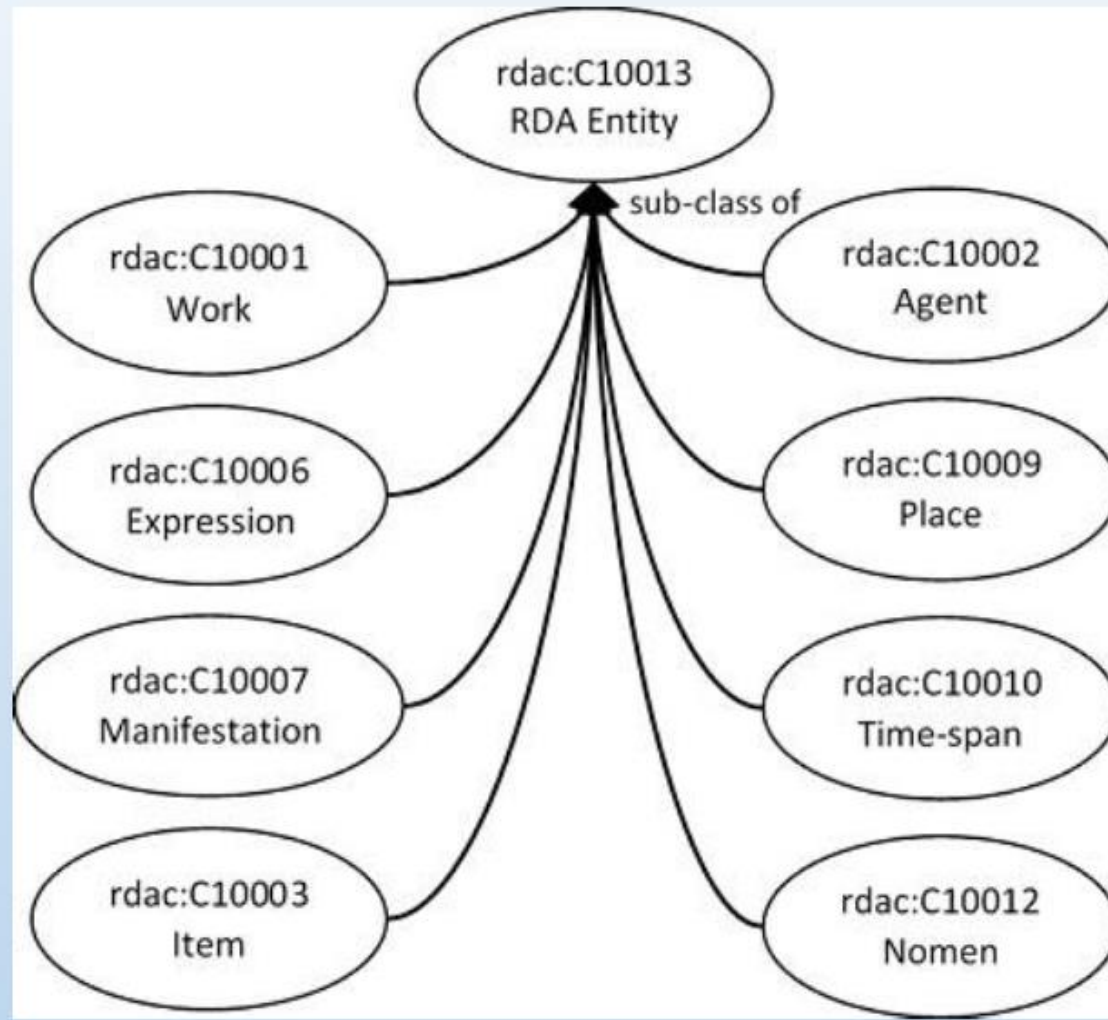
- **FIND**
A user task that is to bring together information about one or more RDA entities of interest by searching on any relevant criteria.
- **IDENTIFY**
A user task that is to clearly understand the nature of RDA entities found by searching and to distinguish between similar entities.
- **SELECT**
A user task that is to determine the suitability of RDA entities found by searching, and to be enabled to either accept or reject specific entities
- **OBTAIN**
A user task that is to access the content of an RDA manifestation.
- **EXPLORE**
A user task that is to discover RDA entities using the relationships between them and thus place the entities in a context.

Entities within the RDA-ontology (based on IFLA/LRM)

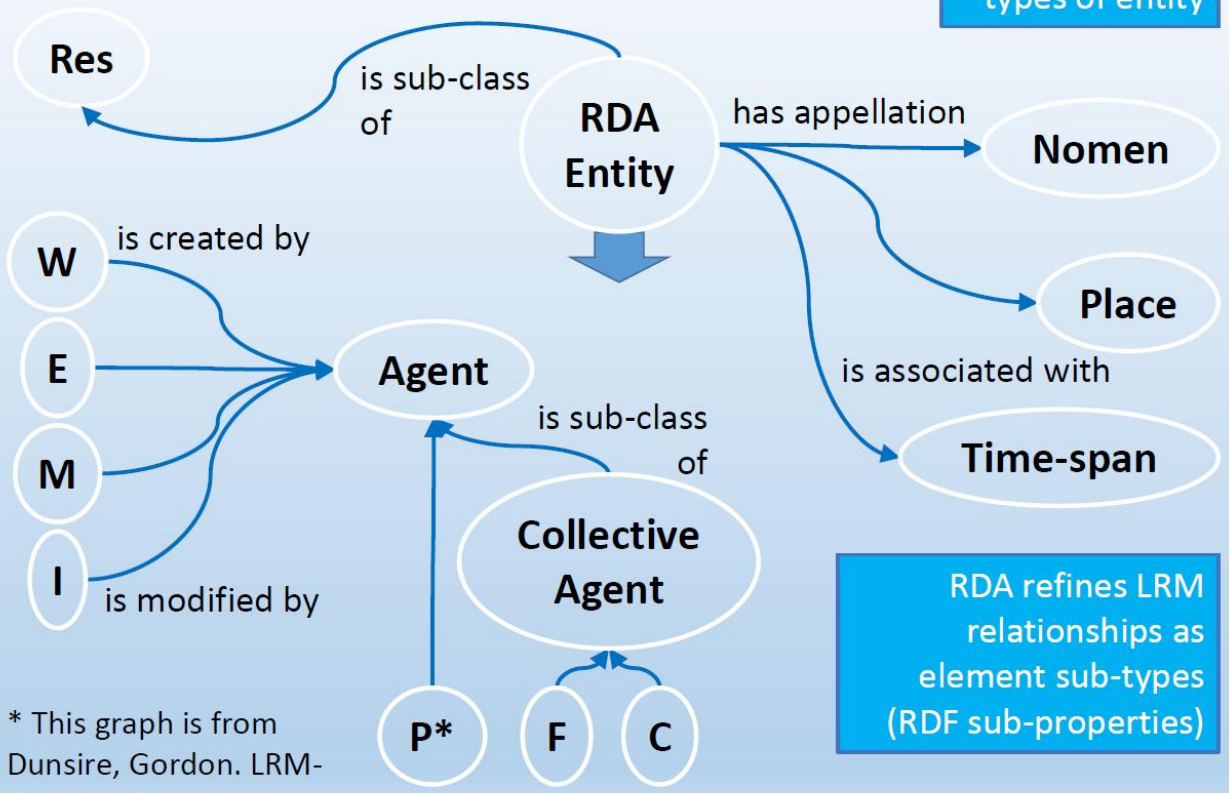
CURIE	Label	Definition
rdac:C10001	"work"	"A distinct intellectual or artistic creation, that is, the intellectual or artistic content."
rdac:C10002	"agent"	"An entity who is capable of deliberate actions, of being granted rights, and of being held accountable for its actions."
rdac:C10003	"item"	"A single exemplar or instance of a manifestation."
rdac:C10004	"person"	"An agent who is an individual human being who lives or is assumed to have lived."
rdac:C10005	"corporate body"	"A collective agent who is composed of persons who are organized for a common purpose or activity."
rdac:C10006	"expression"	"An intellectual or artistic realization of a work in the form of alpha-numeric, musical or choreographic notation, sound, image, object, movement, etc., or any combination of such forms."
rdac:C10007	"manifestation"	"A physical embodiment of an expression of a work."
rdac:C10008	"family"	"A collective agent who is composed of persons who are related by birth, marriage, adoption, civil union, or similar legal status, or who otherwise present themselves as a family."
rdac:C10009	"place"	"A given extent of space."
rdac:C10010	"timespan"	"A finite period of time."
rdac:C10011	"collective agent"	"An agent who is a gathering or organization of two or more persons that bears a particular name and that is capable of acting as a unit."
rdac:C10012	"nomen"	"A label for any RDA entity except a nomen."
rdac:C10013	"RDA entity"	"An abstract class of key conceptual objects in the universe of human discourse that are a focus of interest to users of RDA metadata in a system for resource discovery."



RDF Graph for RDA Class Hierarchies



IFLA LRM and RDA entities



* This graph is from
Dunsire, Gordon. LRM-
RDA. 2017.

WEMI-structure

WORK	Martinů - <i>Symphony no. 1, H. 289</i>		
EXPRESSION	performed music (Brno Philharmonic)	performed music (Prague Symphonic)	notated music
MANIFESTATION	LP	CD	Bärenreiter Kalmus
ITEM	1: on shelf	2: on loan	





Musidesk overture

Musidesk Rijnbrink is a professional partner for amateur music in the Netherlands. The focus of Musidesk's services is on instrumental amateur art, with wind music and libraries as spearheads. The organization focuses on assessing, managing and making sheet music available for the wind music sector. In addition, Musidesk strives to improve the visibility, findability and availability of sheet music for libraries.

Data sets

In this project, Musidesk, members of the *metadata working group* of Podiumkunst.net and employees of the Koninklijke Bibliotheek will map the metadata of the large collection for the wind music to the RDA model.

The Musidesk collection is the first collection to be included in the Podiumkunst.net *knowledge graph*, making it digitally findable and usable for the public domain. With a knowledge graph, data is linked together and "is not shown in separate tables or datasets, but as a network of entities and relationships between those entities" (Frankwatching, 2020)

Find out more about this project? Please contact:

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Latest news Musidesk



The Podiumkunst.net knowledge graph: The heart of the digital infrastructure that brings together performing arts



Musidesk Ouverture (process)

- obtaining the metadata
- figuring out its structure
- judging (and possibly improving) its quality
- getting to know and using the RDA registry and Toolkit
- mapping fields to the matching RDA properties
- converting the metadata
- visualising the resulting WEMI-structure with the RDA Entity Finder of the Royal Library
- publishing a generic workflow (lessons learned, application profile and policy statements)

RDA Registry: *music related properties (selection)*

RDA Registry Elements Values Data Tools About GitHub Project RDA Toolkit

Properties Index

<http://www.rdaregistry.info/>

Search:

#	 CURIE	Label	Definition	Status
#	 rdam:P30065	"has publisher number for notated music"	"Relates a manifestation to a nomen that is an identifier for manifestation other than a plate number for notated music, assigned by a publisher to a manifestation of a notated music expression."	Published
#	 rdam:P30066	"has plate number for notated music"	"Relates a manifestation to a nomen that is an identifier for manifestation other than a publisher number for notated music, assigned by a publisher to a manifestation of a notated music expression to indicate the printing plate used in the printing process."	Published
#	 rdam:P30078	"has printer agent"	"Relates a manifestation to an agent who is responsible for manufacturing a manifestation of printed text, notated music, or other content from type or plates."	Published
#	 rdam:P30178	"has extent of notated music (Deprecated)"	"undefined" [@en; no @en]	Deprecated
#	 rdam:P30311	"has contributor agent of music"	"Relates a manifestation to an agent who is a contributor to aggregate who creates an expression of a musical work that is embodied by an aggregate."	Published
#	 rdam:P30341	"has contributor person of music"	"Relates a manifestation to a person who is a contributor to aggregate who creates an expression of a musical work that is embodied by an aggregate."	Published
#	 rdam:P30358	"has printer person"	"Relates a manifestation to a person who is responsible for manufacturing a manifestation of printed text, notated music, or other content from type or plates."	Published
#	 rdam:P30370	"has contributor collective agent of music"	"Relates a manifestation to a collective agent who is a contributor to aggregate who creates an expression of a musical work that is embodied by an aggregate."	Published
#	 rdam:P30387	"has printer collective agent"	"Relates a manifestation to a collective agent who is responsible for manufacturing a manifestation of printed text, notated music, or other content from type or plates."	Published
#	 rdam:P30399	"has contributor corporate body of music"	"Relates a manifestation to a corporate body who is a contributor to aggregate who creates an expression of a musical work that is embodied by an aggregate."	Published

Musidesk Ouverture: *mapping document*

Veldcode	PICA+	PICA3	Veldlabel	Voorbeeld Waarde/Value	(RDA-)property (Curie)	Opnamemethode	Domein	Bereik	Vocabulaire (terminologiebron)
R30001 R57001 RU001000000	048H/02 fa		Leesniveau bron Uitgave (plaats v uitg : uitgever, jvu, co)	3 I Graad 3 HAFA G I GGC Wiekevorst : BVT Music, [2015?], ©2015	m/P30305	o/g/i/iri	manifestatie		
	033A \$p 033A \$n		plaats van uitgave uitgever	Wiekevorst, België BVT Music	m/P30088 m/P30176	ongestructureerd ongestructureerd	manifestatie manifestatie	plaats nomen	
	011A \$n 011F \$c		jaar van uitgave jaar van copyright	[2015?] ©2015	m/P30083 m/P30011 m/P30007	o/g/i/iri ongestructureerd o/g/i/iri	manifestatie manifestatie manifestatie	actor tijdspanne tijdspanne	
RC001000000			Collatie	1 partituur Full score (9 pagina's) ; 30 cm + 65 partijen 1 partituur Full score (9 pagina's) 65 partijen	m/P30182 m/P30182	gestructureerd gestructureerd	manifestatie manifestatie		
				partituur [=rdafnm:1007]	e/P20209	iri	expressie		http://www.rdaregistry.info/termList/formats/NoteMus/?language=nl
	034K \$a 034I \$a			partijen [=rdafnm:1004] 30 cm	e/P20209 m/P30169	iri ongestructureerd	expressie manifestatie		http://www.rdaregistry.info/termList/formats/NoteMus/?language=nl
	002E \$2			\$aband\$bnc\$2rdacarrier/dut Graad 3. - Tijdsduur: 4:30 min	m/P30001	iri	manifestatie		http://www.rdaregistry.info/termList/RDAR/CarrierType/?language=nl
RU001000000	048H/02 fa 048H/05	4252 4255	Specificaties (moeilijkheidsgraad - jaar	Graad 3 Tijdsduur: 4:30 min	e/P20219	o/g	expressie		
RF001000000			Noot	Toelichting in het Nederlands en Engels. - Voor fanfareorkest	m/P30137 m/P30137	ongestructureerd ongestructureerd	manifestatie manifestatie		
	037A \$a 037A \$a			Toelichting in het Nederlands en Engels Voor fanfareorkest	m/P30137 m/P30137	ongestructureerd ongestructureerd	manifestatie manifestatie		
TS001000000 TS002000000	028A		Componist/Artiest Primair Corporatie Primair	19824669 [Hazo, Samuel] en niet 98672039 [Hazo, Samuel R	w/P10442	o/g/i/iri	werk	persoon	http://data.bibliotheken.nl/id/thes/p419824669
TS010001000 TS021000000 TS011000000 TX001000000	028C		Arrangeur Secundair Medewerker Secundair Zoektitel (Title proper)	43089378 [Van Giel, Kevin] Perthshire majesty / Samuel Hazo ; arr. Kevin van Giel Samuel Hazo arr. Kevin van Giel	e/P20365 m/P30156 m/P30105 m/P30105	o/g/i/iri o/i/iri ongestructureerd ongestructureerd	expressie manifestatie manifestatie manifestatie	persoon nomen	http://data.bibliotheken.nl/id/thes/p430893787
TX010000000			Unif. Titel (Uniforme titel)						

RDA Entity Finder

Collectie	Bladmuziek (= <i>Sheet music</i>)	Personen zoeken:	Persoonsnaam
Titel	perthshire	PPN:	PPN
Auteur	Auteur	ISNI:	ISNI
Uitgeverij	Uitgeverij		
ISBN	ISBN		
	Zoeken		Zoeken

Work #1: Perthshire majesty - 419824669 ; Hazo, Samuel R.

Details tonen

Expressie inklappen

Expression #1: muzieknotatie, 430893787 _SEP_ Van Giel, Kevin, Perthshire majesty

Details tonen

Manifestaties tonen

Expression #2: muzieknotatie, , Perthshire majesty

Details tonen

Manifestaties tonen

Musidesk Ouverture: *visualisation of first conversion* wEmi: Expression level

Work #1: Perthshire majesty - 419824669 ; Hazo, Samuel R.	Details tonen	Expressies inklappen
Expression #1: muzieknotatie, 430893787 _SEP_ Van Giel, Kevin, Perthshire majesty	Details inklappen	Manifestaties tonen
has content type: notated music		
has medium of performance of musical content: Fanfareorkest		
has title of expression: Perthshire majesty		
has authorized access point for expression: \W1\419824669#hazo\\W3\perthshire majesty\\E1\rdaco:1010\\E2\Fanfare\\E3\van giel\		
has intended audience of expression: 3e divisie		
has arranger person of music: 430893787		
has arranger person of music: Van Giel, Kevin		
PPN: 434907685		
Expression #2: muzieknotatie, , Perthshire majesty	Details inklappen	Manifestaties tonen
has content type: notated music		
has medium of performance of musical content: Harmonieorkest		
has title of expression: Perthshire majesty		
has authorized access point for expression: \W1\419824669#hazo\\W3\perthshire majesty\\E1\rdaco:1010\\E2\Harmonie\		
has intended audience of expression: 3e divisie		
PPN: 419824650		

Musidesk Ouverture: *visualisation of first conversion* weMi: Manifestation level

Manifestation #1: Boosey & Hawkes, 2004, band

Details inklappen
Items tonen

has carrier type: volume

has media type: unmediated

has mode of issuance: single unit

has copyright date: 2004

has date of publication: 2004

has place of publication: London

has statement of responsibility relating to title proper: Samuel R. Hazo

has note on manifestation: Master level. - Met programmatoelichting en biografie in het Engels

has title proper: Perthshire majesty

has name of publisher: Boosey & Hawkes

has extent of manifestation: 1 partituur Full score (11 pagina's)

has extent of manifestation: 77 partijen

has place of manifestation: United Kingdom

has authorized access point for manifestation: \W1\419824669#hazo\\W3\perthshire majesty\\E1\rdaco:1010\\E2\



wEmi: Expression level

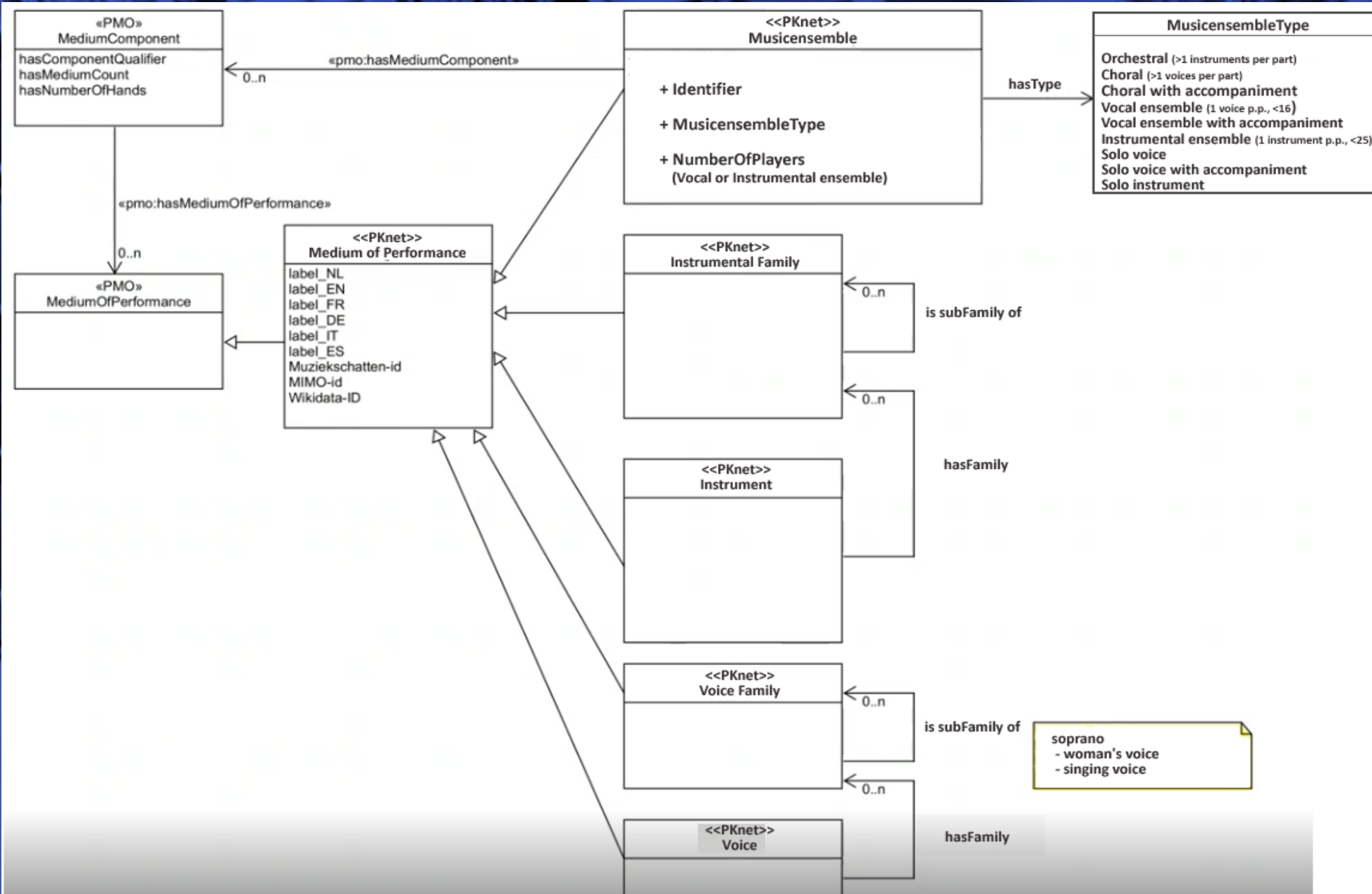
Vocabulary Encoding Scheme: Medium of performance

Work #1: Perthshire majesty - 419824669 ; Hazo, Samuel R.		Details tonen	Expressies inklappen
Expression #1: muzieknotatie, 430893787 _SEP_ Van Giel, Kevin, Perthshire majesty		Details inklappen	Manifestaties tonen
has content type: notated music			
has medium of performance of musical content: Fanfareorkest	← (@en: Fanfare orchestra)	PKUM-term	
has title of expression: Perthshire majesty			
has authorized access point for expression: \W1\419824669#hazo\\W3\perthshire majesty\\E1\rdaco:1010\\E2\Fanfare\\E3\van giel\			
has intended audience of expression: 3e divisie			
has arranger person of music: 430893787			
has arranger person of music: Van Giel, Kevin			
PPN: 434907685			
Expression #2: muzieknotatie, , Perthshire majesty		Details inklappen	Manifestaties tonen
has content type: notated music			
has medium of performance of musical content: Harmonieorkest	← (@en: Concert band)	PKUM-term	
has title of expression: Perthshire majesty			
has authorized access point for expression: \W1\419824669#hazo\\W3\perthshire majesty\\E1\rdaco:1010\\E2\Harmonie\			
has intended audience of expression: 3e divisie			
PPN: 419824650			

PKnet Medium of Performance (PKUM)–Terms (excerpt, concept)

NL	EN	Muziekschatten-id	MIMO-id
Altsaxofoon met blaasorkest	Alto saxophone with wind band	https://data.muziekschatten.nl/som/d78482873	
Accordeon met blaasorkest	Accordion with wind band	https://data.muziekschatten.nl/som/d78482886	
Trompet met blaasorkest	Trumpet with wind band	https://data.muziekschatten.nl/som/d78482892	
Trombone met blaasorkest	Trombone with wind band	https://data.muziekschatten.nl/som/d78482893	
Tuba met blaasorkest	Tuba with wind band	https://data.muziekschatten.nl/som/d784828976	
Fanfareorkest	Fanfare orchestra	https://data.muziekschatten.nl/som/d78483	
Harmonieorkest	Concert band	https://data.muziekschatten.nl/som/d78483	
Piano met harmonieorkest	Piano with concert band	https://data.muziekschatten.nl/som/d78483262	
Piano met fanfareorkest	Piano with fanfare orchestra	https://data.muziekschatten.nl/som/d78483262	
Orgel met harmonieorkest	Organ with concert band	https://data.muziekschatten.nl/som/d78483265	
Orgel met fanfareorkest	Organ with fanfare orchestra	https://data.muziekschatten.nl/som/d78483265	
Pianola met harmonieorkest	Player piano with concert band	https://data.muziekschatten.nl/som/d784832666	
Pianola met fanfareorkest	Player piano with fanfare orchestra	https://data.muziekschatten.nl/som/d784832666	
Enkelrietblaasinstrument	Single-reed instrument (unspecified)	https://data.muziekschatten.nl/som/d7886	
Alboka	Alboka	https://data.muziekschatten.nl/som/d78862	http://www.mimo-db.eu/InstrumentsKeywords/4165
Altklarinet	Alto clarinet	https://data.muziekschatten.nl/som/d78862	http://www.mimo-db.eu/InstrumentsKeywords/3828
Arghul	Arghul	https://data.muziekschatten.nl/som/d78862	http://www.mimo-db.eu/InstrumentsKeywords/3829
Bassethoorn	Basset horn	https://data.muziekschatten.nl/som/d78862	http://www.mimo-db.eu/InstrumentsKeywords/3834
Bassetklarinet	Basset clarinet	https://data.muziekschatten.nl/som/d78862	http://www.mimo-db.eu/InstrumentsKeywords/3833
Bhujanga	Bhujanga	https://data.muziekschatten.nl/som/d78862	http://www.mimo-db.eu/InstrumentsKeywords/5155
Bilil	Bilil	https://data.muziekschatten.nl/som/d78862	http://www.mimo-db.eu/InstrumentsKeywords/3835

Concept structure of the PKnet Medium of performance thesaurus



Example #1

Quintet for alto flute, bass clarinet, French horn, violin and cello – Gene Carl

<https://data.muziekschatten.nl/som/20783>

RDA:E:P20215

PMO:MediumType

ensemble of woodwind, brass, strings
quintet

<https://data.muziekschatten.nl/som/d78542>

<https://data.muziekschatten.nl/som/d78515>

pmo:hasMediumOfPerformance:	alto flute	pmo:hasMediumComponentQualifier: ensembleinstrument	
		pmo:hasMediumCount: 1	https://data.muziekschatten.nl/som/d78839
pmo:hasMediumOfPerformance:	bass clarinet	pmo:hasMediumComponentQualifier: ensembleinstrument	
		pmo:hasMediumCount: 1	https://data.muziekschatten.nl/som/d78865
pmo:hasMediumOfPerformance:	French horn	pmo:hasMediumComponentQualifier: ensembleinstrument	
		pmo:hasMediumCount: 1	https://data.muziekschatten.nl/som/d78894
pmo:hasMediumOfPerformance:	violin	pmo:hasMediumComponentQualifier: ensembleinstrument	
		pmo:hasMediumCount: 1	https://data.muziekschatten.nl/som/d78872
pmo:hasMediumOfPerformance:	cello	pmo:hasMediumComponentQualifier: ensembleinstrument	
		pmo:hasMediumCount: 1	https://data.muziekschatten.nl/som/d78874

Green = controlled term from
PKUM-thesaurus (MOP-vocabulary)

Example (Turtle-representation)

```
som:20783
rdfs:label "Quintet for alto flute, bass clarinet, French horn, violin and cello - Gene Carl" ;
rdae:P20215      [rdf:type   pkum:Musicensemble ;
                  pmo:MediumType      pmo:quintet ;
                  pkum:musicensembleType      pkum:ensemblewoodwindsbrassstrings ;
                  pmo:hasMediumComponent      [rdf:type   pmo:MediumComponent ;
                  pmo:hasMediumCount      "1" ;
                  pmo:hasMediumOfPerformance      pkum:altoflute      →
                  pmo:hasMediumComponentQualifier      pkum:ensembleinstrument ] ;
                  pmo:hasMediumComponent      [rdf:type   pmo:MediumComponent ;
                  pmo:hasMediumCount      "1" ;
                  pmo:hasMediumOfPerformance      pkum:bassclarinet
                  pmo:hasMediumComponentQualifier      pkum:ensembleinstrument ] ;
                  ## et cetera ##
```

```
pkum:ensemblewoodwindsbrassstrings
  rdf:type      pkum:Musicensemble ;
  rdfs:label     "Ensemble of woodwinds, brass, strings" ;
  pkum:dewey     "785.42" ;
  pkum:isSubfamilyOf      pkum:ensemblewithoutkeyboard .
```

```
pkum:ensemblewithoutkeyboard
  rdf:type      pkum:Musicensemble ;
  rdfs:label     "Ensemble without keyboard" ;
  pkum:dewey     "785.4" ;
  pkum:isSubfamilyOf      pkum:instrumentalensemble .
```

```
pkum:instrumentalensemble
  rdf:type      pkum:Musicensemble ;
  rdfs:label     "Instrumental ensemble" ;
  pkum:dewey     "785" .
```

```
pkum:altoflute
  rdf:type      pkum:Instrument ;
  rdfs:label     "Alto flute" ;
  pkum:isSubfamilyOf      pkum:flutefamily ;
  pkum:dewey     "788.39" .

pkum:flutefamily
  rdf:type      pkum:Instrument ;
  rdfs:label     "Flute family" ;
  pkum:isSubfamilyOf      pkum:woodwindinstrument ;
  pkum:dewey     "788.3" .

pkum:woodwindinstrument
  rdf:type      pkum:Instrument ;
  rdfs:label     "Woodwind instrument" ;
  pkum:isSubfamilyOf      pkum:windinstrument ;
  pkum:dewey     "788.2" .

pkum:windinstrument
  rdf:type      pkum:Instrument ;
  rdfs:label     "Wind instrument" ;
  pkum:isSubfamilyOf      pkum:windinstrument ;
  pkum:dewey     "788" .
```



Example (search result)

SPARQL Query

/Podiumkunst-PoC/que

Content Type (SELECT)

JSON

Content Type (GRAPH)

Turtle

```
1 PREFIX pmo: <http://performedmusicontology.org/ontology/>
2 PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
3 PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
4 PREFIX pkum: <http://podiumkunst.net/uitvoeringsmedium/>
5 PREFIX rdae: <http://rdaregistry.info/Elements/e/>
6
7 SELECT ?s ?label ?soort ?type ?aantal ?qualifier ?q WHERE {
8   BIND(pkum:hoorn AS ?q) .
9   {?s rdae:P20215 ?q .
10    OPTIONAL {?q pkum:gezelschapsoort ?soort}
11    OPTIONAL {?q pmo:MediumType ?type}
12   }
13   UNION
14   {?s rdae:P20215 ?medium .
```

Table Response 3 results in 0.06 seconds Simple view ☐ Ellipse ☒ Filter query results Page size: 50

s	label	soort	type	aantal	qualifier	q
1	<https://data.muzieks...>	Bläserquintett Nr. I - Tilo Medek	<http://podiumkunst.net/uitvoering...>	<http://performedmusicontol...>	1	<http://podiumkunst.net/...>
2	<https://data.muzieks...>	Kwintet voor altfluit, basklarinet, ho...	<http://podiumkunst.net/uitvoering...>	<http://performedmusicontol...>	1	<http://podiumkunst.net/...>
3	<https://data.muzieks...>	Symfonie nr. 2 - Gustav Mahler	<http://podiumkunst.net/uitvoering...>		9	<http://podiumkunst.net/...>

Showing 1 to 3 of 3 entries < 1 >

Any questions?

