RunA: an example of entity based projects

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RunA

https://runa.lnb.lv/en/

Rainis un Aspazija

The collection was created with the goal to develop a linked data resource for researchers and students in the field of digital humanities, as well as other people in and outside of Latvia, who are interested in Rainis and Aspazija.

Entity modeling. Timeline

International data modeling

RunA development

FRBR	**1998**		
RDA Toolkit	**2010**		
		2014 – 2016	Pilot project
LRM	**2017**		
		2018 – 2019	Second phase
RDA 3R	**2020**	**2020 – 2022**	Third phase

Entities

RDA	RunA Annotator	RunA – why so?
Person	Person	*single*
Corporate body	Institution/group	*many/complex*
Family		
Place	Place	*geographic features*
	Building/structure	*geographic features*
Timespan	Time	*single named entity*
Work	Work	*covers all levels*
Expression		
Manifestation		
Item		
	Event	*named entity*
	Thing/object	*named entity*
	Concept	*named entity*

Linked data, web approach – identifiers, URI

WEMI entities

RDA WEMI

RDA *Work*

RDA *Expression*

RDA *Manifestation*

RDA *Item*

RDA property
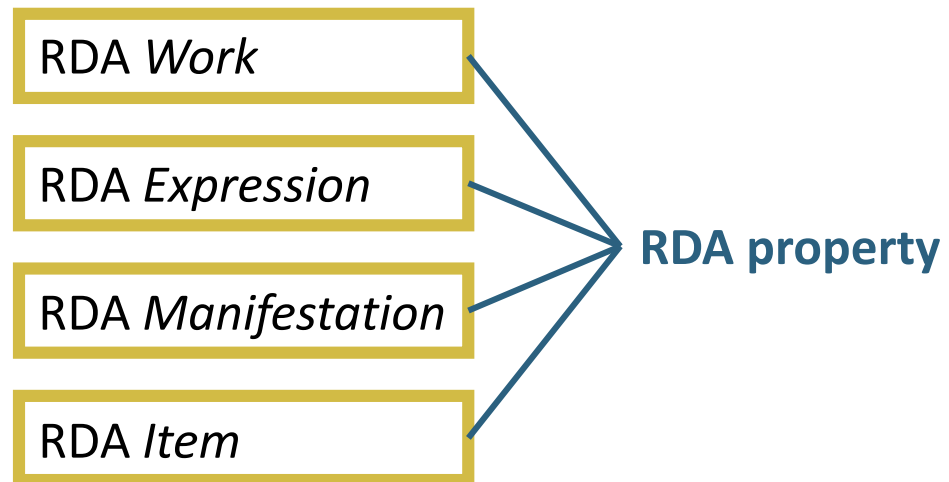
DEFINITION

Named entity
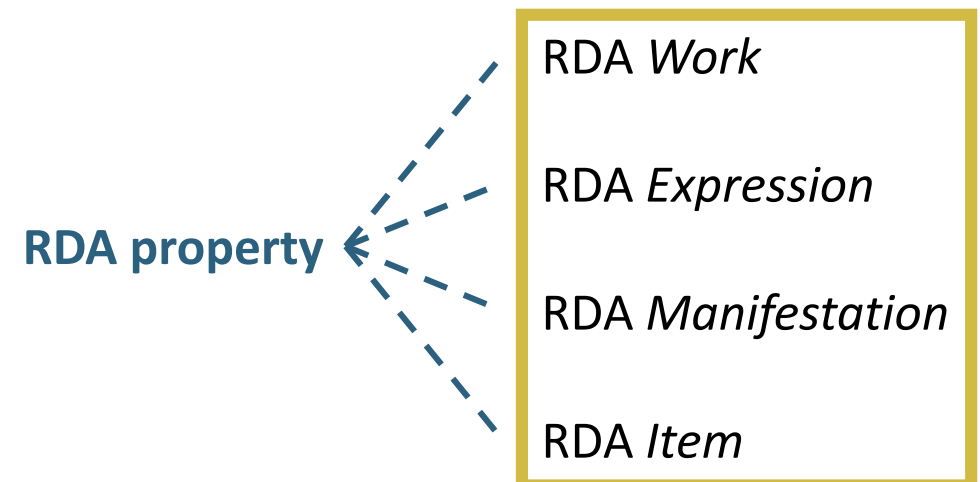
RDA property

RunA Work

RDA *Work*

RDA *Expression*

RDA *Manifestation*

RDA *Item*

IMPLICATION

RunA Person subclasses

Real person

Fictional character/role

Fantastic/ mythological creature

Deity

Johann Wolfgang von Goethe, 1749-1832
by Joseph Karl Stieler

"Faust und Mephisto"
by Anton Kaulbach

Dragon

Zeus

RunA Place subclasses

- Administrative territory
- Country
- City
- Village
- Street
- Address
- Geographic territory
- Mountain
- Sea/ocean
- Lake
- River

Challenges:

- Identification of LRM/RDA WEMI levels in free-form texts;

- Lack of some relationship designators and appropriate RDA namespaces to reflect real-life relationships

Thank you for attention!

Additional information:

- RunA introduction video (subtitles in English): https://runa.lnb.lv/objects/859519/

- Video: Functionality of RunA (subtitles in English): https://runa.lnb.lv/objects/859497/

- The Potential of IFLA LRM and RDA Key Entities for Identification of Entities in Textual Documents of Cultural Heritage: The *RunA* Collection https://doi.org/10.1080/01639374.2020.1862380

- Linked Data for Digital Humanities Scholars and Researchers: "Rainis and Aspazija" (RunA) Collection http://ceur-ws.org/Vol-2865/short10.pdf