

ReasonableGraph.org

Thinking Ontologies

WHAT IS REASONABLEGRAPH (RG)

- /// Web open-source platform for managing physical and digital collections (metadata and digital files/bitstreams)

WHAT IS REASONABLE GRAPH (RG)(DЯ)



CORE INNOVATIONS

- /// Manual entry of complex data
- /// Support collaborative research environments
- /// Main focus: Culture and Humanities

COMPLEX MULTI-DOMAIN DATA

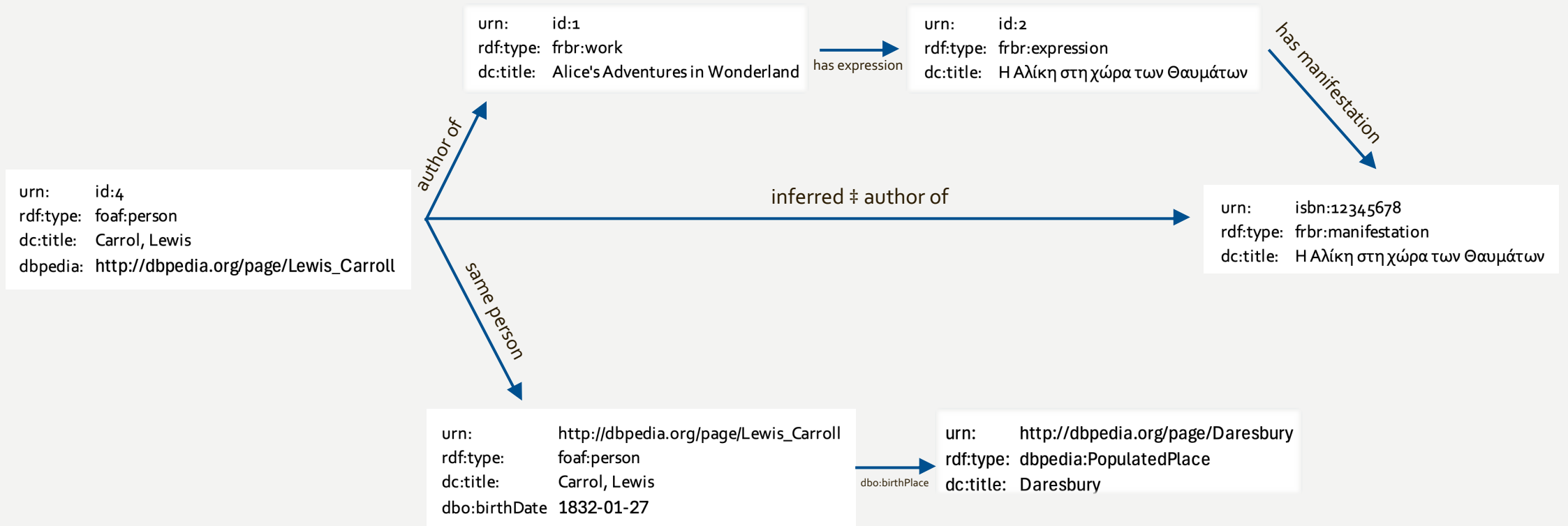
/// Semantic modelling:

CIDOC-CRM, IFLA LRM, BIBFRAME, PRESSoo, Music Ontology, EAD/ISAD etc.

/// Graph representation, reasoning

/// Dynamically extensible

GRAPH REPRESENTATION



GRAPH REPRESENTATION

Default Graph Person

Τσιτσάνης, Βασίλης (1915-1984) - Identifier: 127

Internal display of the 127 entity interconnections (Node labels correspond to identifiers)

The graph shows a central node '127' (auth-person) connected to various other nodes representing different entities. The nodes are color-coded according to their type: red for auth-concept, blue for auth-organization, brown for auth-place, green for bitstream, and dark blue for auth-person. The nodes are arranged in a circular pattern around the central node. The nodes are labeled with their identifiers and some have additional labels like 'Expression', 'Digital-Item', 'Work', 'Manifestator', etc.

Legend

- cloud
- auth-concept
- auth-organization
- auth-place
- bitstream
- auth-person

Navigation

oi:127 Τσιτσάνης, Βασίλης [auth-person]

Info

urn: oi:127
label: Τσιτσάνης, Βασίλης (1915-1984)
object type: auth-person

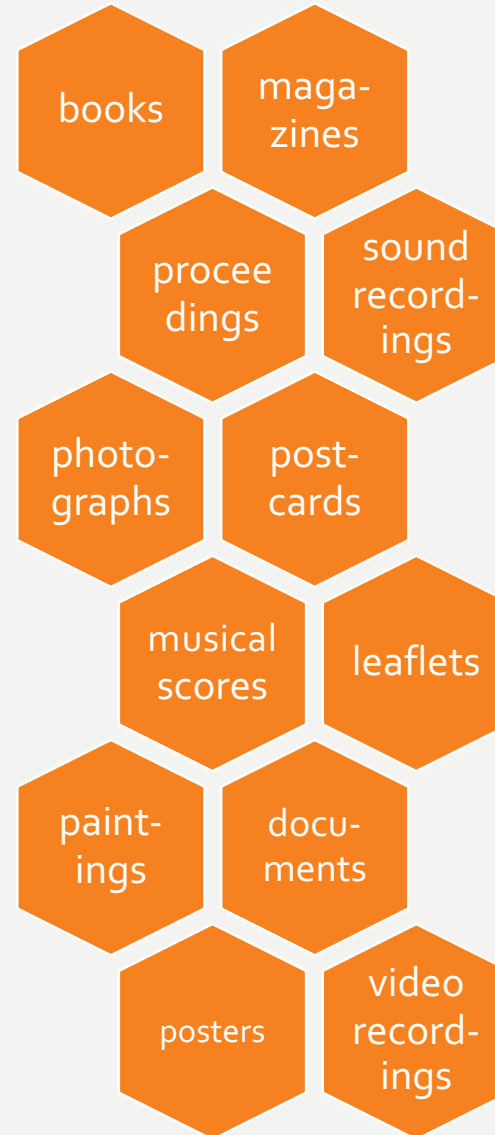
oi:900 Αγαπώ και πονώ (δυστυχώς) [auth-expression]
oi:914 Αγαπώ μια παντρεμένη [auth-expression]
oi:2057 Αγαπώ μια παντρεμένη [auth-expression]
oi:5220 Αη Νικόλα [auth-expression]

DOMAINS #1



DOMAINS #2

COLLECTIONS



DOMAINS #3

AUTHORITIES



DOMAINS #4

SCIENTIFIC FIELDS



FINDABLE. ACCESSIBLE. INTEROPERABLE. REUSABLE.

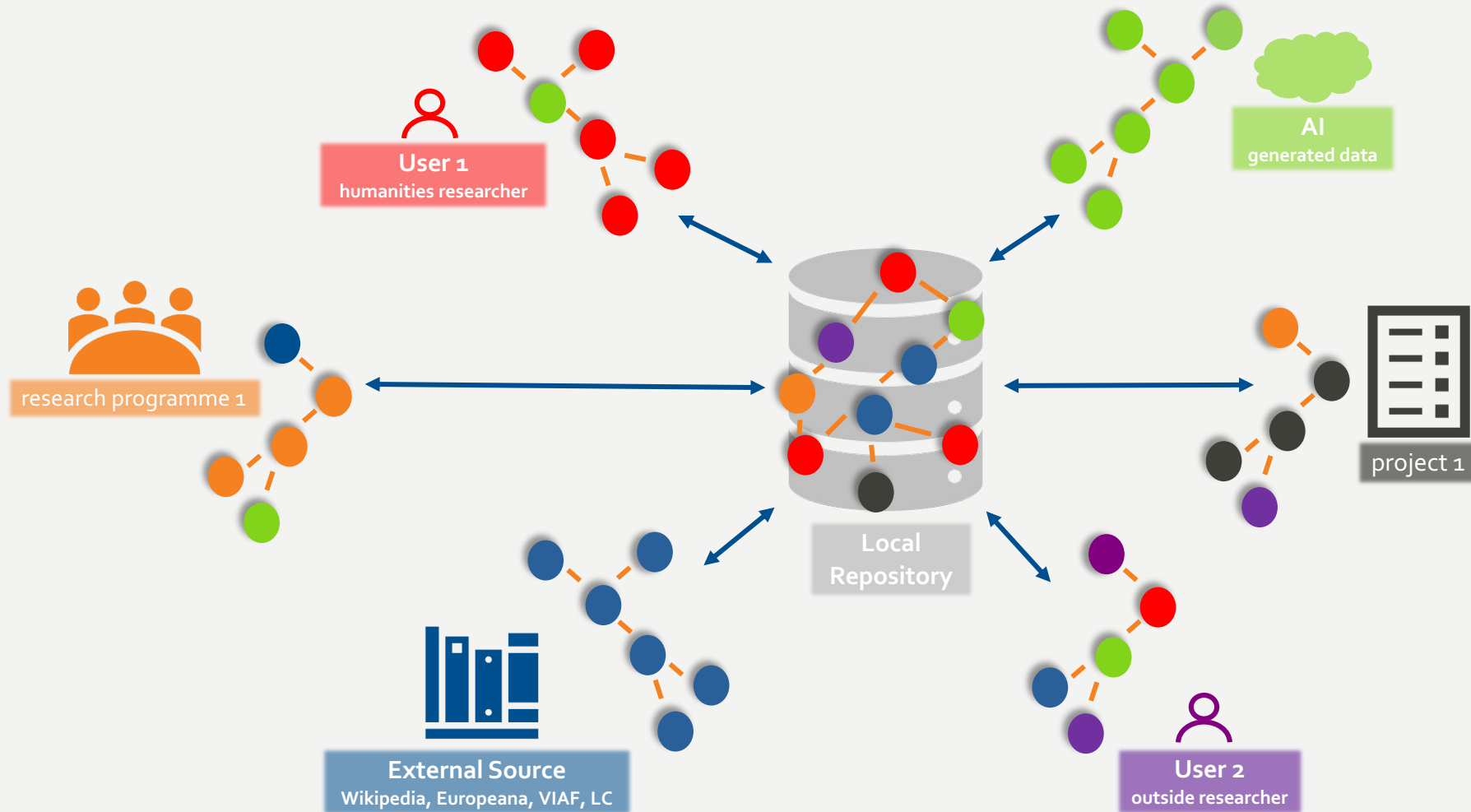
- /// Linked data: JSON-LD, RDFa, RDF/XML
- /// Interoperability: OAI-PMH, JSON web API
- /// Export data models: Dublin Core, Europeana Data Model, METS/ALTO
- /// Copy cataloguing: z39.50, wikipedia, geonames, VIAF
- /// Global unique identifiers: handle, DOI

AI

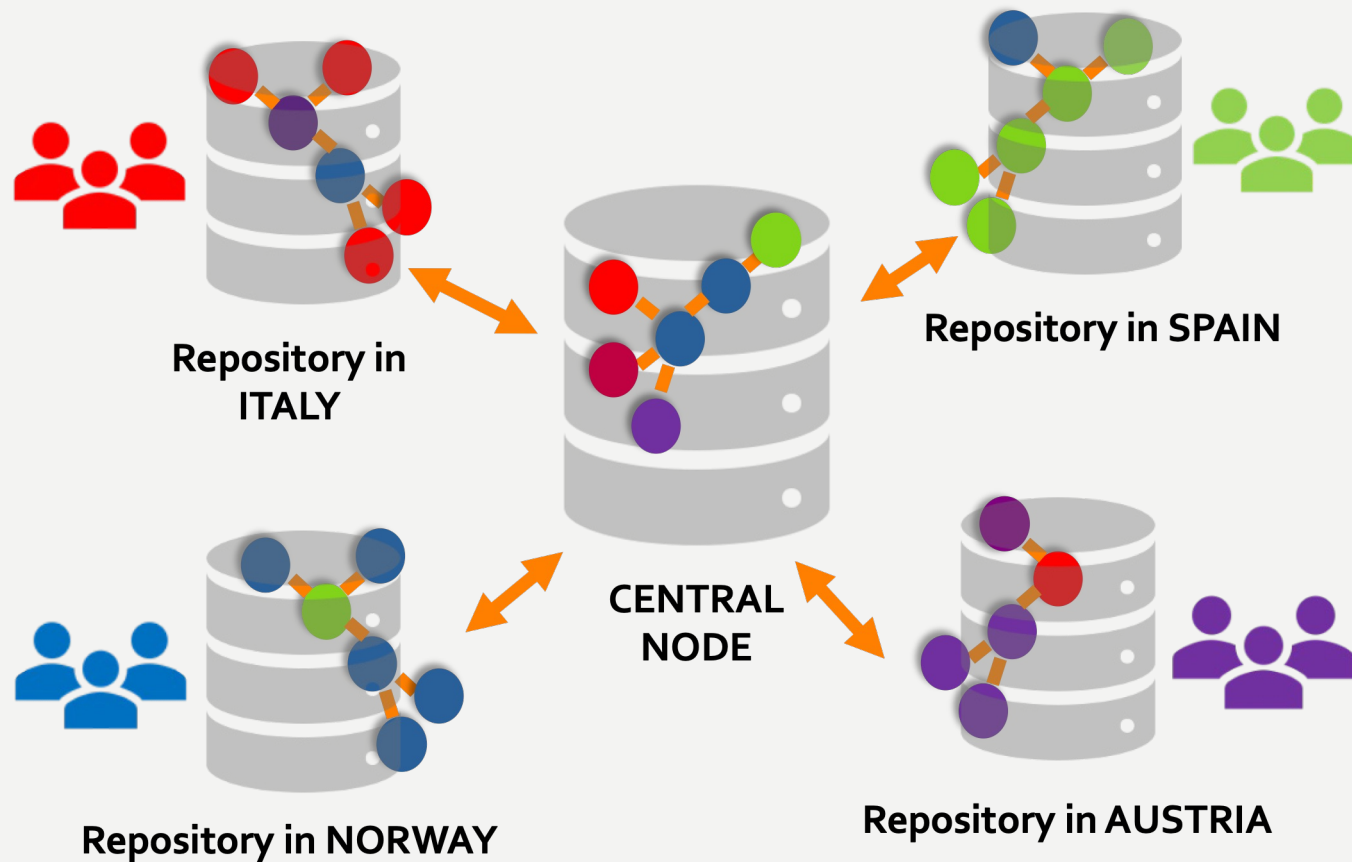
- /// Retrieval-Augmented Generation: LLM & local knowledge base
- /// Straightforward transformation from Graph to Vectors
- /// Natural Language search
- /// AI-assisted documentation
- /// AI-generated nodes tagged

COLLABORATIVE ENVIRONMENT:

SINGLE ORGANISATION (MULTIPLE RESEARCHERS, PROJECTS, COMMUNITY, EXTERNAL SOURCES, AI)



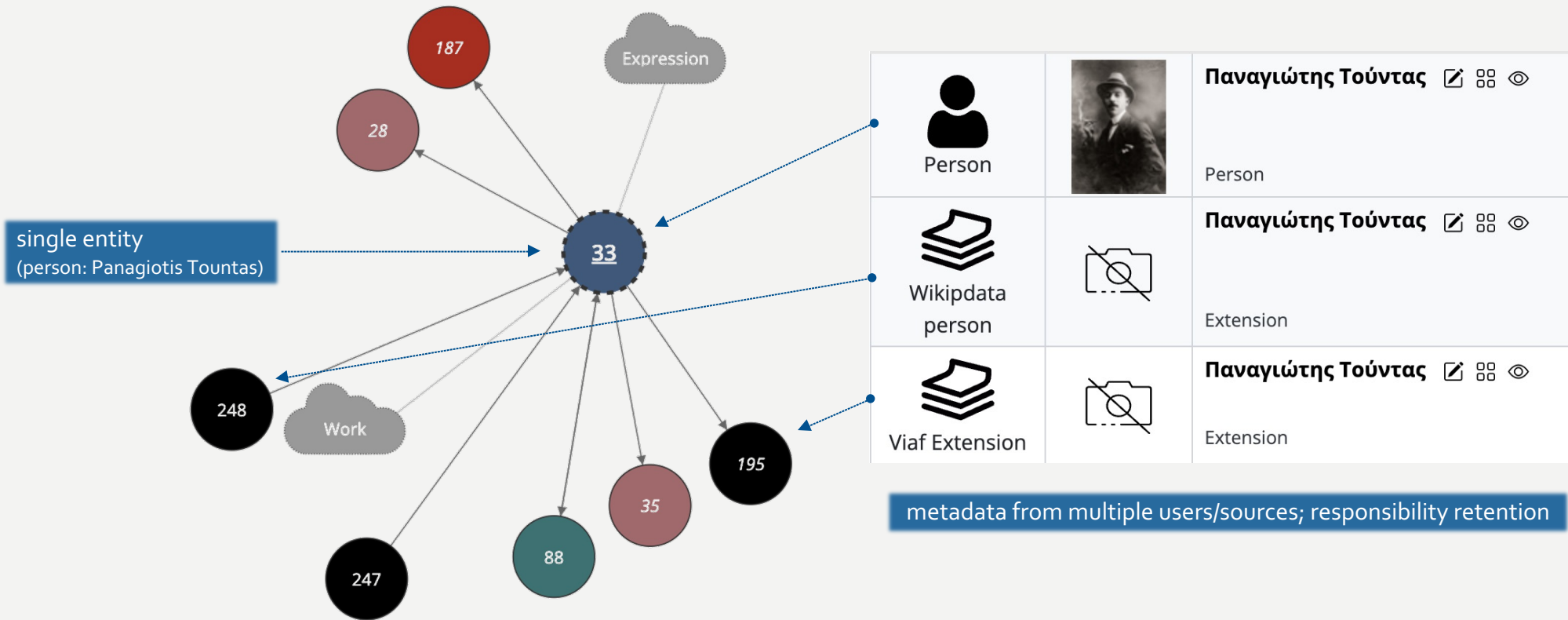
COLLABORATIVE ENVIRONMENT: NETWORK OF ORGANISATIONS



COLLABORATIVE ENVIRONMENTS SPECIFIC ISSUES

- /// Easy start of new project, no IT knowledge: custom forms, microsite, search customization, AI assistance
- /// Multiple scientific domains, multiple semantic data models (standard/custom)
- /// Responsibility retention
- /// Data isolation / data sharing and reuse
- /// Community engagement, open science

RESPONSIBILITY RETENTION



RESPONSIBILITY RETENTION

Default Graph Person

Panagiotis Tountas

Entity type: **Person**

Gender Name: **Male**

Birth date: **1884 [?]**

Birth place: **Smyrna**

Death date: **23 May 1942**

Death place: **Athens**

Occupation: **Composer**

Discogs: [a1000137](#) → Click Here

MusicBrainz: [5a35c343-bc0a-4696-9154-fe1cd250b7ad](#) → Click Here

Other Number: [Q3361939](#) → Click Here

MusicBrainz: [5a35c343-bc0a-4696-9154-fe1cd250b7ad](#) → Click Here

VIAF: [9745649](#) → Click Here

Alternative name: **Panagiotis Toundas (english)**

Ownership: **Archive**

Biographical Data:

The leading composer of Smyrna and one of the key figures who shaped modern Greek song. He became involved with music from an early age. In the early twentieth century he settled in Alexandria. For around twenty years he toured as a musician among Greek diaspora communities around the world. In 1919 he returned to Smyrna, where he collaborated until 1922 with the estudiantina Ta Politákia. Many songs recorded in the Smyrna and Constantinople discographies as anonymous compositions are likely to be his. After his permanent settlement in Greece, during the interwar years he took on the artistic directorship of Odeon (1924–1930) and Columbia (1931–1941). From this key position he supported all emerging composers. He wrote more than 250 songs, which appear in approximately 480 recorded performances by the leading singers of each era. His first song, "I Zontochíra" (Victor 72489, 17 September 1919), performed by Maria Smyrnaia, is found in the discography of Greek Americans.

→ Click Here

User Extension (ResearcherB)

Birth date: **1889**



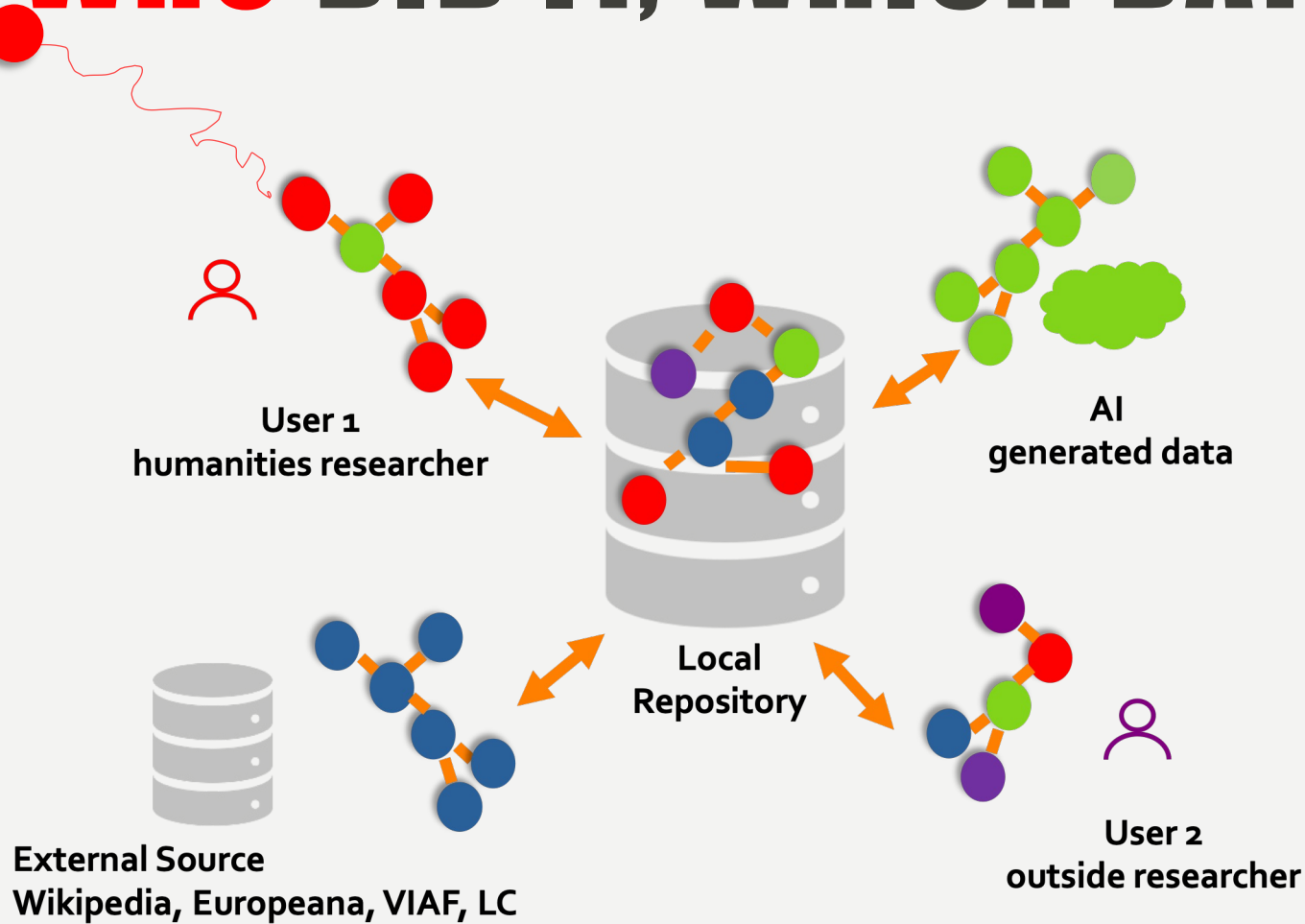
VIAF Import	
VIAF URL:	https://viaf.org/viaf/9745649/
VIAF identity URL:	https://arz.wikipedia.org/wiki/پاناجیوتیس_تونڈاس
Library of Congress/NACO:	Tountas, Panagiōtēs, 1886-1942
National Library of Greece:	Τούντας, Παναγιώτης
Wikidata:	Παναγιώτης Τούντας
ISNI:	Tountas, Panagiōtēs, 1886-1942

Wikipedia Import	
Wikidata Label:	Παναγιώτης Τούντας (Greek) Panagiotis Toundas (english)
Description:	Έλληνας συνθέτης (Greek) Greek composer (1886–1942) (english)
Link:	Παναγιώτης Τούντας Panagiotis Toundas
Birth date:	01-01-1886
Death date:	23-05-1942

2nd researcher addition

RESPONSIBILITY RETENTION

WHO DID IT, WHICH DATA ARE **MINE**



INFO \ CONTACT

- /// RG . reasonablegraph.org
- /// altsol . altsol.gr
- /// Nikos Papazis . papazis@altsol.gr
- /// Nikos Ordoulidis . ordoulidis@altsol.gr