

# Didactic material for the properties of E93 Presence

Martin Doerr, Milena Peralta, Gerald Hiebel

# Example 1: Humbolt's Voyage to Venezuela

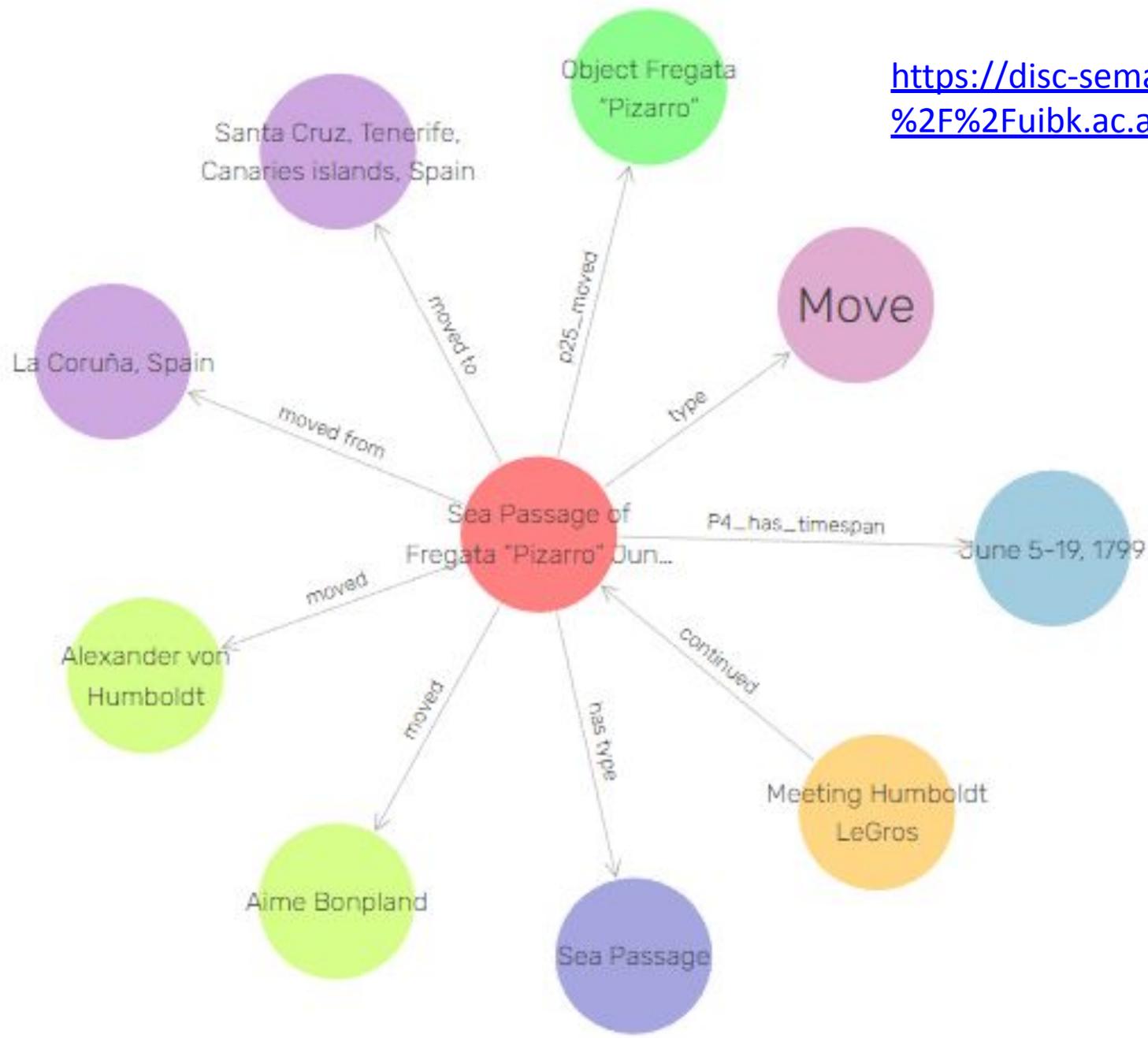
E7/E93	CRM Class	Person
Sea Passage of Fregata "Pizarro" June 5-19, 1799	E9_Move	Humboldt   Bonpland
A. Von Humboldt on Graciosa	E93_Presence	Humboldt
A. Von Humboldt and A. Bonpland on Tenerife	E93_Presence	Humboldt   Bonpland
Meeting Humboldt LeGros	E7_Activity	Humboldt   Bonpland   LeGros
Humboldt Observing Dragon Tree	S19_Encounter_Event	Humboldt   Bonpland
Drawing the Dragon Tree of Orotava	E12_Production	M. Ozonne
Humboldt hiking to Pico de Teide	E9_Move	Humboldt   Bonpland   LeGros
Drawing l'interieur du Cratere	E12_Production	Humboldt
Sea Passage of Fregata "Pizarro" June 25-July 16, 1799	E9_Move	Humboldt   Bonpland
A. Von Humboldt in Cumaná 1	E93_Presence	Humboldt   Bonpland
A. Von Humboldt and A. Bonpland in Nueva Andalucía	E93_Presence	Humboldt   Bonpland

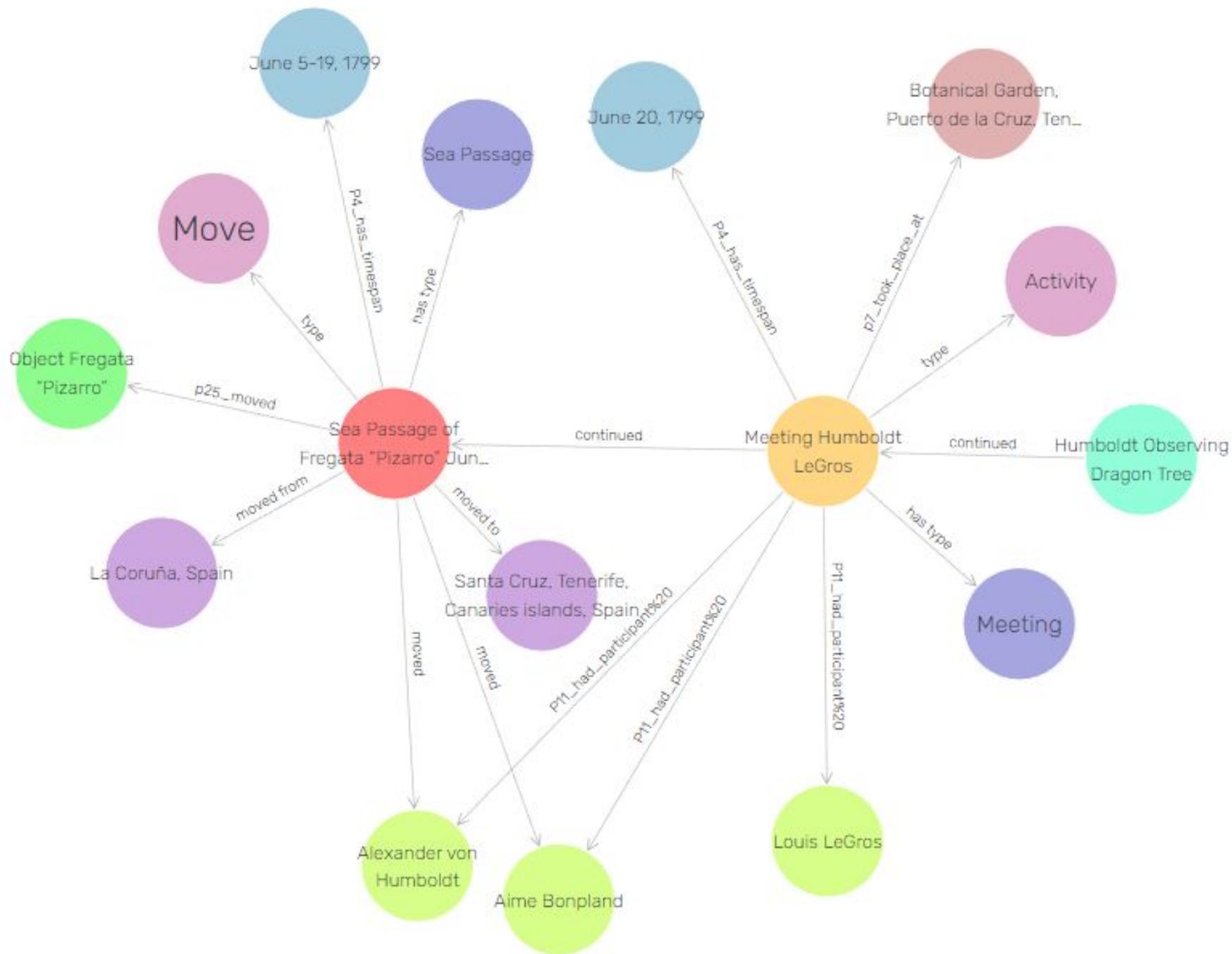
# Example 1: Humbolt's Voyage to Venezuela

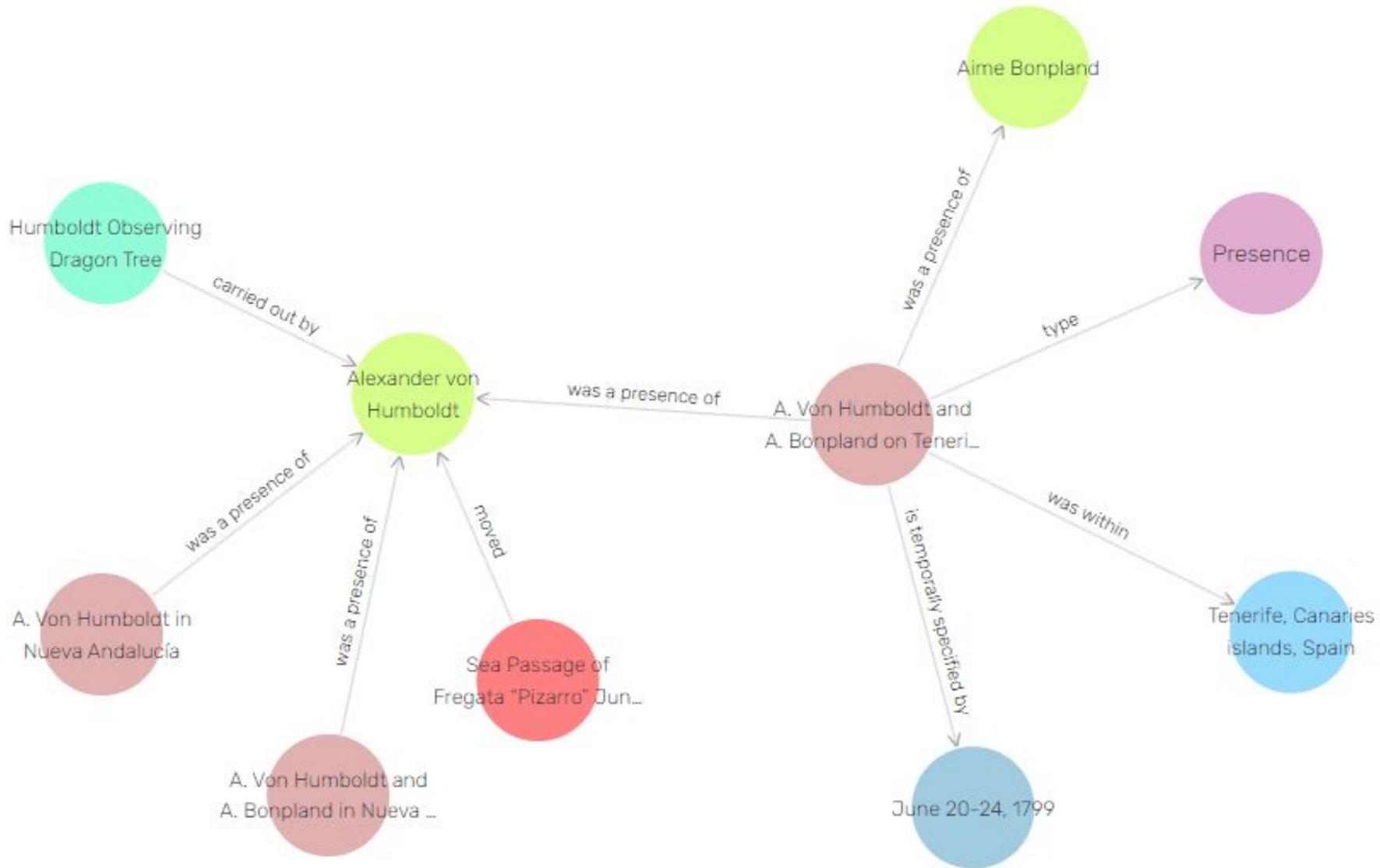
E7_label_en	E7_subt	E52_Timespan	Personen	E9_from	E9_to	E53_Place
Sea Passage of Fregata "Pizarro" June 5-19, 1799	E9_Mov	June 5-19, 1799	Humboldt   Bonpland	La Coruña, Spain	Santa Cruz, Tenerife, Canaries islands, Spain	
A. Von Humboldt on Graciosa	E93_Pre	June 17, 1799	Humboldt			Graciosa island, Lanzarote, Canaries islands, Spain
A. Von Humboldt and A. Bonpland on Tenerife	E93_Pre	June 20-24, 1799	Humboldt   Bonpland			Tenerife, Canaries islands, Spain
Meeting Humboldt LeGros	E7_Acti	June 20, 1799	Humboldt   Bonpland   LeGros			Botanical Garden, Puerto de la Cruz, Tenerife, Spair
Humboldt Observing Dragon Tree	S19_En	June 21, 1799	Humboldt   Bonpland			
Drawing the Dragon Tree of Orotava	E12_Prc	June 21, 1799	M. Ozonne			
Humboldt hiking to Pico de Teide	E9_Mov	June 21-June 22, 1799	Humboldt   Bonpland   LeGros	Orotava, Tenerife, Ca	Peak of Pico de Teide, Tenerife	
Drawing l'interieur du Cratere	E12_Prc	June 21-June 22, 1799	Humboldt			Peak of Pico de Teide, Tenerife
Sea Passage of Fregata "Pizarro" June 25-July 16, 1799	E9_Mov	June 25-July 16, 1799	Humboldt   Bonpland	Santa Cruz, Tenerife,	Cumaná, Sucre, Venezuela	
A. Von Humboldt in Cumaná 1	E93_Pre	July 17-August 18, 1799	Humboldt   Bonpland			Cumaná, Sucre, Venezuela (2023)
A. Von Humboldt and A. Bonpland in Nueva Andalucía	E93_Pre	September 4-25, 1799	Humboldt   Bonpland			provincia de Nueva Andalucía y Paria (1799)

E7_label_en	E7_sub  E52_Timespan	Personen	E9_from	E9_to
Sea Passage of Fregata "Pizarro" June 5-19, 1799	E9_Moi June 5-19, 1799	Humboldt  Bonpland	La Coruña, Spain	Santa Cruz, Tenerife, (

<https://disc-semantic.uibk.ac.at/graphs-visualizations?uri=http:%2F%2Fuibk.ac.at%2FHumbolt%2FE9%2F1>







# Beliefs about Nero & the fire of Rome

Francesca Bologna about Emperor Nero of Rome, which summarizes the recent revisions of historical beliefs about Nero's actual deeds (<https://www.britishmuseum.org/blog/who-was-nero>) :

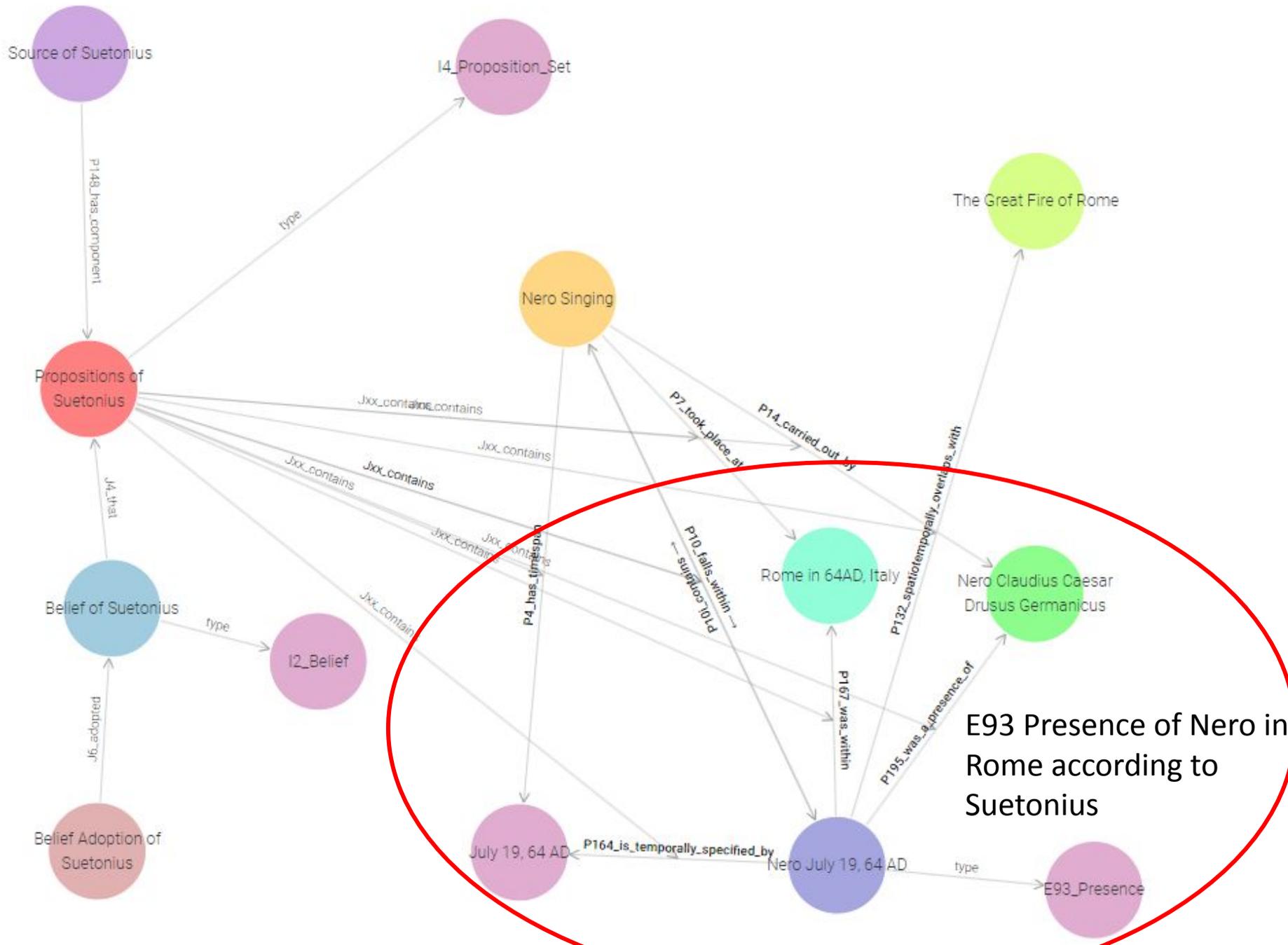
"But what do we really know about Nero? Can we separate the scandalous stories told by later authors from the reality of his rule?"

Most of what we know about Nero comes from the surviving works of three historians – Tacitus, Suetonius and Cassius Dio. All written decades after Nero's death, their accounts have long shaped our understanding of this emperor's rule. However, far from being impartial narrators presenting objective accounts of past events, these authors and their sources wrote with a very clear agenda in mind. Nero's demise brought forward a period of chaos and civil war – one that ended only when a new dynasty seized power, the Flavians. Authors writing under the Flavians all **had an interest** in legitimising the new ruling family by portraying the last of the Julio-Claudians in the worst possible light, **turning history into propaganda**. These accounts became the 'historical' sources used by later historians, therefore perpetuating a fabricated image of Nero, which has survived all the way to the present."

"On 19 July AD 64, a fire started close to the Circus Maximus. The flames soon encompassed the entire city of Rome and the fire raged for nine days. Only four of the 14 districts of the capital were spared, while three were completely destroyed.

Rome had already been razed by flames – and would be again in its long history – but this event was so severe it came to be known as the Great Fire of Rome.

Later historians blamed Nero for the event, claiming that he set the capital ablaze in order to clear land for the construction of a vast new palace. **According to Suetonius and Cassius Dio, Nero took in the view of the burning city from the imperial residence while playing the lyre and singing about the fall of Troy. This story, however, is fictional.**"



E93 Presence of Nero in Rome according to Suetonius



# Expressing Propositions in RDF with Named Graphs

## Propositions of Suetonius

Source: <https://www.forth.ics.gr/Nero/I4/Suetonius>

subject predicate object context all      Explicit only      Show Blank Nodes      Download as      Visual graph

	subject	predicate	object	context
1	<a href="https://www.forth.ics.gr/Nero/E21/23cfcf4c1b5201a112553edc3d0191e7">https://www.forth.ics.gr/Nero/E21/23cfcf4c1b5201a112553edc3d0191e7</a>	rdf:type	crm:E21_Person	<a href="https://www.forth.ics.gr/Nero/I4/Suetonius">https://www.forth.ics.gr/Nero/I4/Suetonius</a>
2	<a href="https://www.forth.ics.gr/Nero/E21/23cfcf4c1b5201a112553edc3d0191e7">https://www.forth.ics.gr/Nero/E21/23cfcf4c1b5201a112553edc3d0191e7</a>	rdfs:label	"Nero Claudius Caesar Drusus Germanicus"	<a href="https://www.forth.ics.gr/Nero/I4/Suetonius">https://www.forth.ics.gr/Nero/I4/Suetonius</a>
3	<a href="https://www.forth.ics.gr/Nero/E52/22b72159668a02f3a96eeca9b9ed4abf">https://www.forth.ics.gr/Nero/E52/22b72159668a02f3a96eeca9b9ed4abf</a>	rdfs:label 	"July 19, 64 AD"	<a href="https://www.forth.ics.gr/Nero/I4/Suetonius">https://www.forth.ics.gr/Nero/I4/Suetonius</a>
4	<a href="https://www.forth.ics.gr/Nero/E53/ea649c57c049c785f79a3b0c56a0ae3b">https://www.forth.ics.gr/Nero/E53/ea649c57c049c785f79a3b0c56a0ae3b</a>	rdf:type	crm:E53_Place	<a href="https://www.forth.ics.gr/Nero/I4/Suetonius">https://www.forth.ics.gr/Nero/I4/Suetonius</a>
5	<a href="https://www.forth.ics.gr/Nero/E53/ea649c57c049c785f79a3b0c56a0ae3b">https://www.forth.ics.gr/Nero/E53/ea649c57c049c785f79a3b0c56a0ae3b</a>	rdfs:label	"Rome in 64AD, Italy"	<a href="https://www.forth.ics.gr/Nero/I4/Suetonius">https://www.forth.ics.gr/Nero/I4/Suetonius</a>

22	<a href="https://www.forth.ics.gr/Nero/I4/Suetonius">https://www.forth.ics.gr/Nero/I4/Suetonius</a>	rdf:type	<a href="http://www.ics.forth.gr/isl/CRMInf/I4_Proposition_Set">http://www.ics.forth.gr/isl/CRMInf/I4_Proposition_Set</a>	<a href="https://www.forth.ics.gr/Nero/statements">https://www.forth.ics.gr/Nero/statements</a>
23	<a href="https://www.forth.ics.gr/Nero/I4/Suetonius">https://www.forth.ics.gr/Nero/I4/Suetonius</a>	rdfs:label	"Propositions of Suetonius"	<a href="https://www.forth.ics.gr/Nero/statements">https://www.forth.ics.gr/Nero/statements</a>
	<a href="https://www.forth.ics.gr/Nero/I2/Suetonius">https://www.forth.ics.gr/Nero/I2/Suetonius</a>	<a href="http://www.ics.forth.gr/isl/CRMInf/J4_that">http://www.ics.forth.gr/isl/CRMInf/J4_that</a>	<a href="https://www.forth.ics.gr/Nero/I4/Suetonius">https://www.forth.ics.gr/Nero/I4/Suetonius</a>	<a href="https://www.forth.ics.gr/Nero/statements">https://www.forth.ics.gr/Nero/statements</a>
	<a href="https://www.forth.ics.gr/Nero/I2/Suetonius">https://www.forth.ics.gr/Nero/I2/Suetonius</a>	rdf:type	<a href="http://www.ics.forth.gr/isl/CRMInf/I2_Belief">http://www.ics.forth.gr/isl/CRMInf/I2_Belief</a>	<a href="https://www.forth.ics.gr/Nero/statements">https://www.forth.ics.gr/Nero/statements</a>
	<a href="https://www.forth.ics.gr/Nero/I2/Suetonius">https://www.forth.ics.gr/Nero/I2/Suetonius</a>	rdfs:label	"Belief of Suetonius"	<a href="https://www.forth.ics.gr/Nero/statements">https://www.forth.ics.gr/Nero/statements</a>

# Expressing Propositions in RDF with RDFstar

37	<a href="https://www.forth.ics.gr/Nero/I4/Suetonius">https://www.forth.ics.gr/Nero/I4/Suetonius</a>	rdf:type	<a href="http://www.ics.forth.gr/isl/CRMinf/I4_Proposition_Set">http://www.ics.forth.gr/isl/CRMinf/I4_Proposition_Set</a>
38	<a href="https://www.forth.ics.gr/Nero/I4/Suetonius">https://www.forth.ics.gr/Nero/I4/Suetonius</a>	rdfs:label	"Propositions of Suetonius"

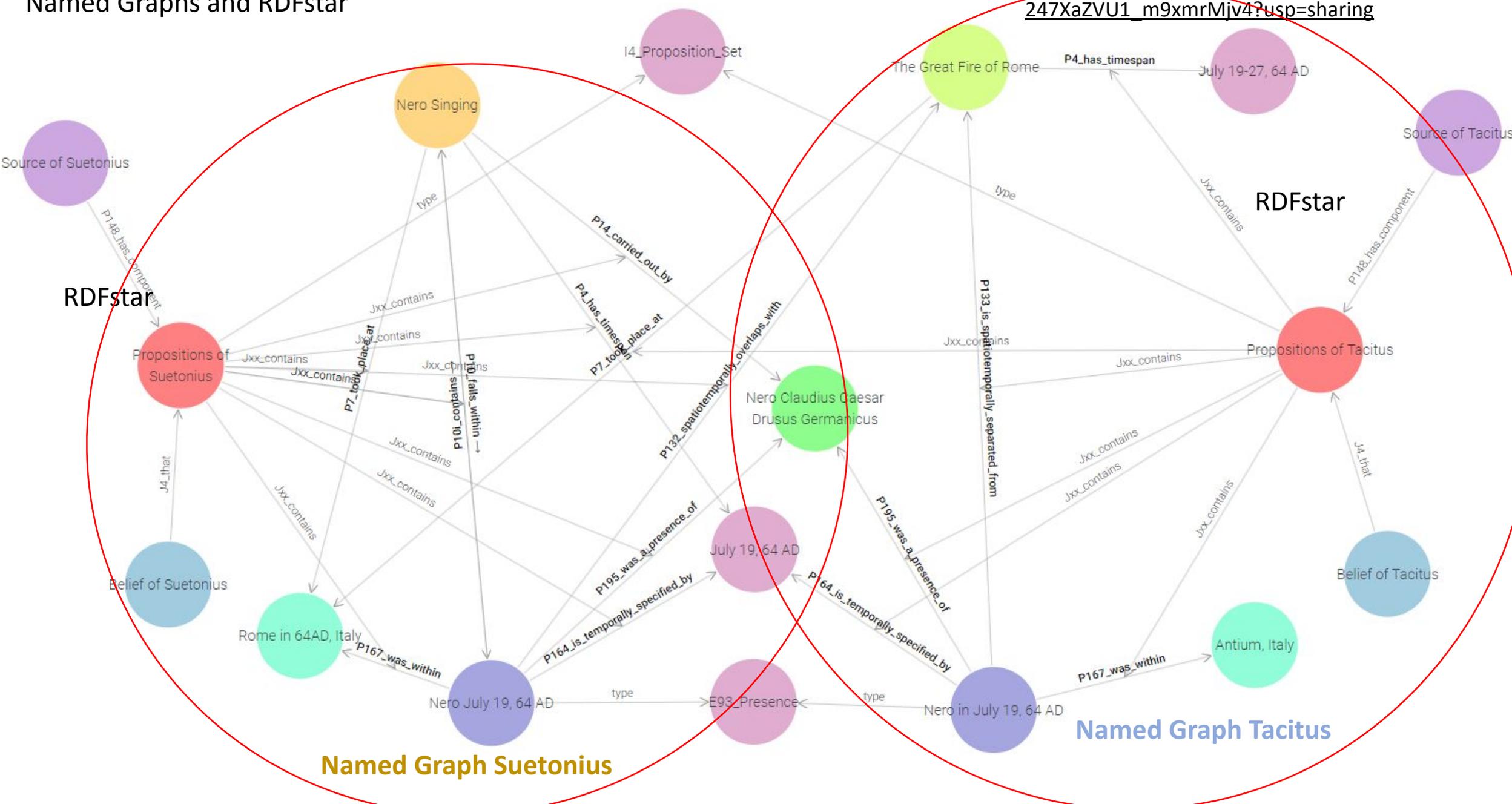
<a href="https://www.forth.ics.gr/Nero/E7/4">https://www.forth.ics.gr/Nero/E7/4</a>	rdf:type	crm:E7_Activity
<a href="https://www.forth.ics.gr/Nero/E7/4">https://www.forth.ics.gr/Nero/E7/4</a>	rdfs:label	"Nero Singing"@en

1	<a href="https://www.forth.ics.gr/Nero/E21/23cfcf4c1b5201a112553edc3d0191e7">https://www.forth.ics.gr/Nero/E21/23cfcf4c1b5201a112553edc3d0191e7</a>	rdf:type	crm:E21_Person
2	<a href="https://www.forth.ics.gr/Nero/E21/23cfcf4c1b5201a112553edc3d0191e7">https://www.forth.ics.gr/Nero/E21/23cfcf4c1b5201a112553edc3d0191e7</a>	rdfs:label	"Nero Claudius Caesar Drusus Germanicus"

29	<a href="https://www.forth.ics.gr/Nero/I4/Suetonius">https://www.forth.ics.gr/Nero/I4/Suetonius</a>	<a href="http://www.ics.forth.gr/isl/CRMinf/Jxx_contains">http://www.ics.forth.gr/isl/CRMinf/Jxx_contains</a>	<< <a href="https://www.forth.ics.gr/Nero/E7/4">https://www.forth.ics.gr/Nero/E7/4</a> crm:P14_carried_out_by <a href="https://www.forth.ics.gr/Nero/E21/23cfcf4c1b5201a112553edc3d0191e7">https://www.forth.ics.gr/Nero/E21/23cfcf4c1b5201a112553edc3d0191e7</a> >>
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# Named Graphs and RDFstar

[https://drive.google.com/drive/folders/19a-BYcfec8hUr247XaZVU1\\_m9xmrMjv4?usp=sharing](https://drive.google.com/drive/folders/19a-BYcfec8hUr247XaZVU1_m9xmrMjv4?usp=sharing)



# Data Entry in Spreadsheet (Excel)

E7_label_en	E7_subclass	E52_Timespan	Beziehungsart E7	Beziehung zu Person	Person	Place	E7_E53_property	Source
Nero in July 19, 64 AD	E93_Presence	July 19, 64 AD	P133_is_spatiotemporally_separated	P195_was_a_presence_of	Nero Claud Antium, Italy		P167_was_within	Tacitus
The Great Fire of Rome	E5_Event	July 19-27, 64 AD			Rome in 64AD, Italy		P7_took_place_at	Tacitus
Nero July 19, 64 AD	E93_Presence	July 19, 64 AD	P132_spatiotemporally_overlaps	P195_was_a_presence_of	Nero Claud Rome in 64AD, Italy		P167_was_within	Suetonius
Nero July 19, 64 AD	E93_Presence	July 19, 64 AD	P101_contains	P195_was_a_presence_of	Nero Claud Rome in 64AD, Italy		P167_was_within	Suetonius
Nero Singing	E7_Activity	July 19, 64 AD	P10_falls_within	P14_carried_out_by	Nero Claud Rome in 64AD, Italy		P7_took_place_at	Suetonius

# Identifier creation / Joins in Database (Postgres)

```

SELECT s20_uri, e41_s20, e31_uri, s5_e4_s20_uri, s5_e4_s20_label,
FROM public.s20_with_uri_ord;
    
```

s20_uri	e41_s20	e31_uri
http://uibk.ac.at/ORD/S20/Rotholz_Verh...	Rotholz_Verhuettungsplatz_Ruine-Rotten...	http://uibk...

# RDF Creation (Ontotext-Refine)

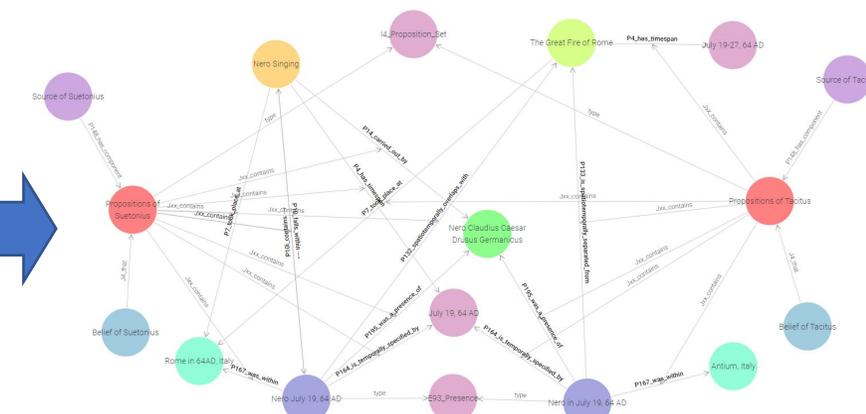
# Create Named Graph & RDFstar with SPARQL

# Triple Store (GraphDB)

Configuration	Preview	Both
e7_label_en	e55_e7	e7_subclass
e7_label_en	e55_e7	e7_subclass
crm:P2_has_type	e55_e7	e7_subclass
crm:P1_is_identified_by	e41_uri	e41_uri
crm:P1_is_identified_by	e7_property_uri	e7_beziehung_uri
crm:P1_is_identified_by	e52_e7_property_uri	e52_e7_property_uri
crm:P1_is_identified_by	e52_e7_property_uri	e52_e7_property_uri
crm:P1_is_identified_by	e21_uri	e21_uri
crm:P1_is_identified_by	e21_uri	e21_uri

```

INSERT { GRAPH ?s7 {
    ?s1 a ?t_s1 ;
    rdfs:label ?o_label ;
    .....
    ?s7 a crminf:I4\_Proposition\_Set ;
    
```



```

?s7 CRMinf:Jxx_contains <<?s3 ?p_e7_e21_property_uri
?o_e7_e21_property_uri>>
    
```