

Using CIDOC-CRM in the description of Musical Works

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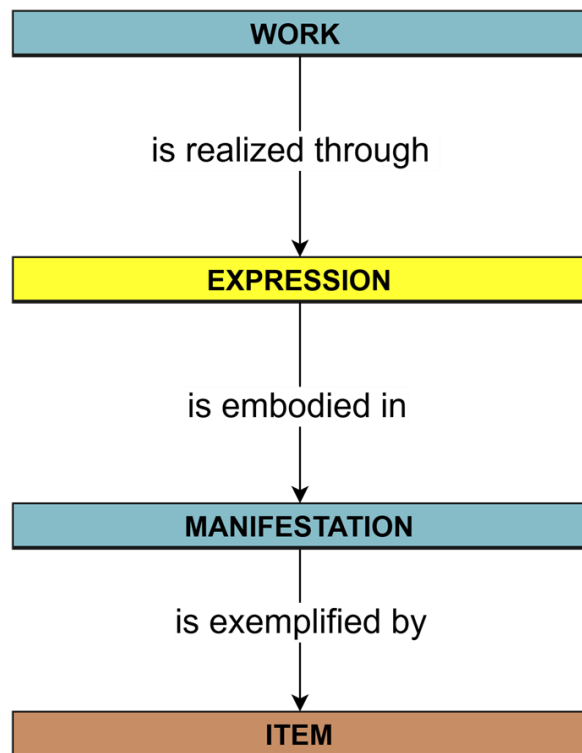
University of West Attica

Exploring ways to describe musical works

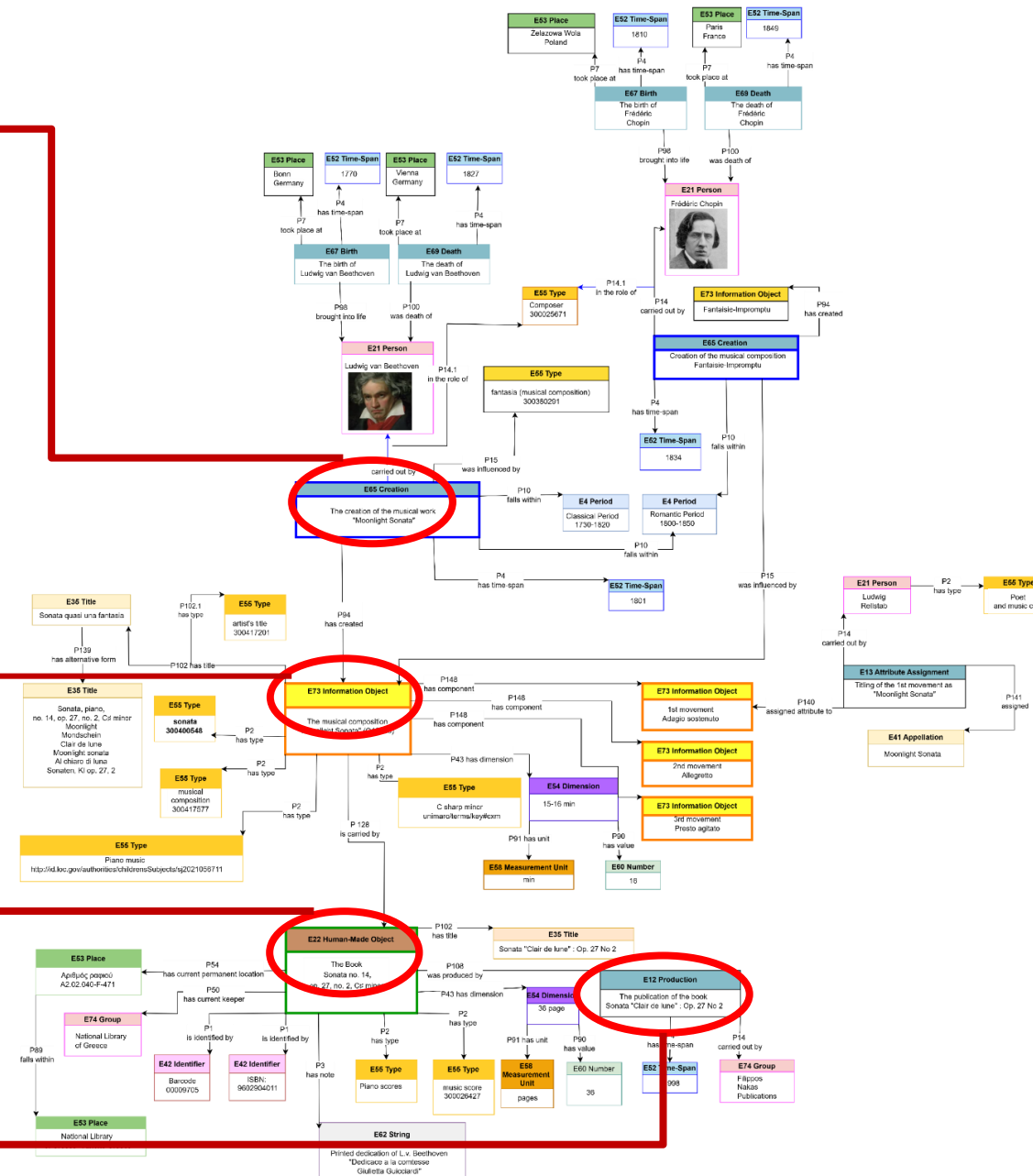
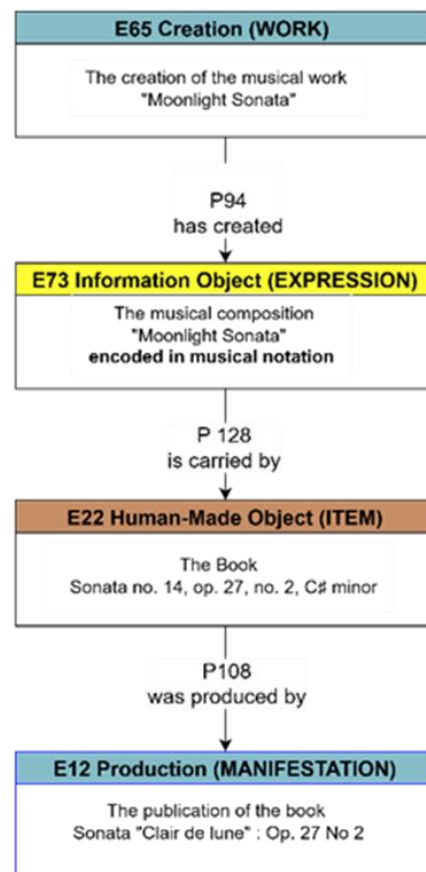
I need to capture the musical characteristics of the piece

- Type of composition (sonata, nocturne)
- Musical style (jazz, rock, classical music)
- Music Notation
- Art period of the work (Classical period, Romantic period)
- Arrangements of the work
- Medium of Performance (musical instruments)
- Performances
- Formats (CDs, LPs, music scores)
- Connection of the work to the historical context

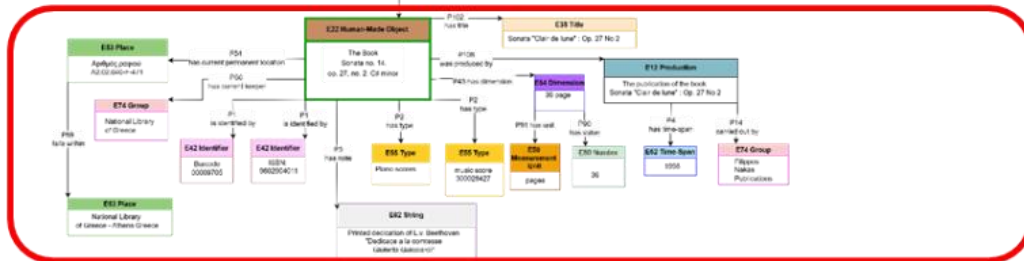
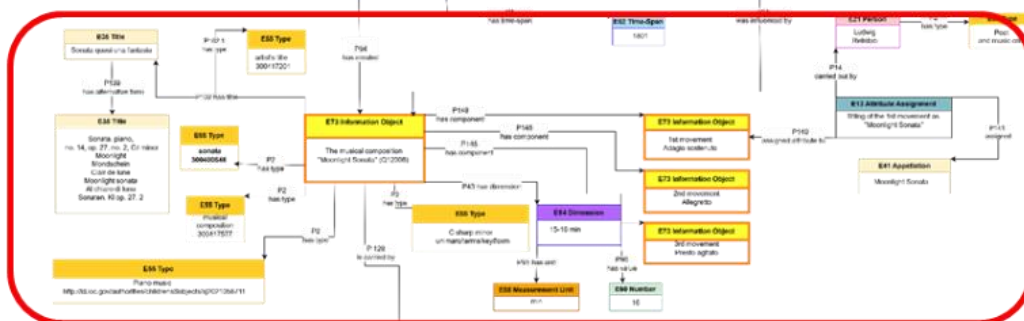
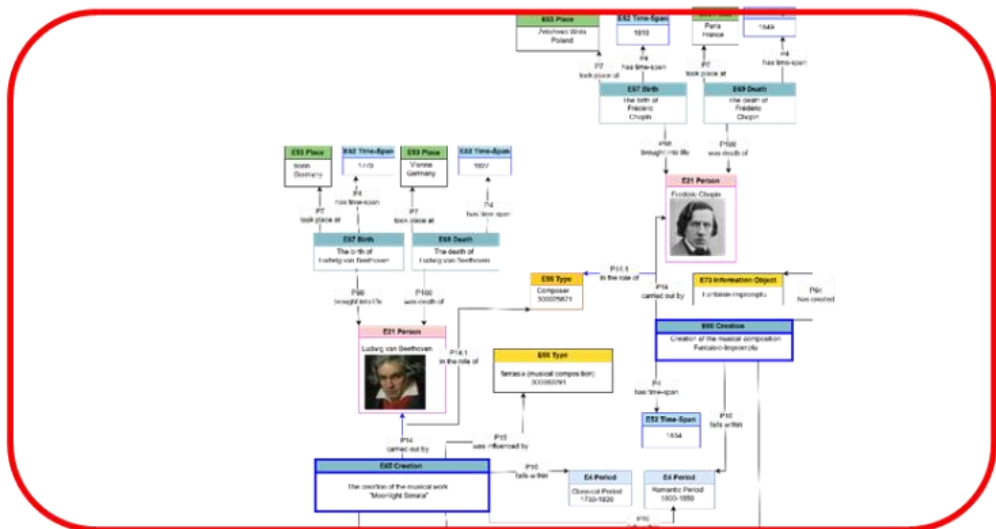
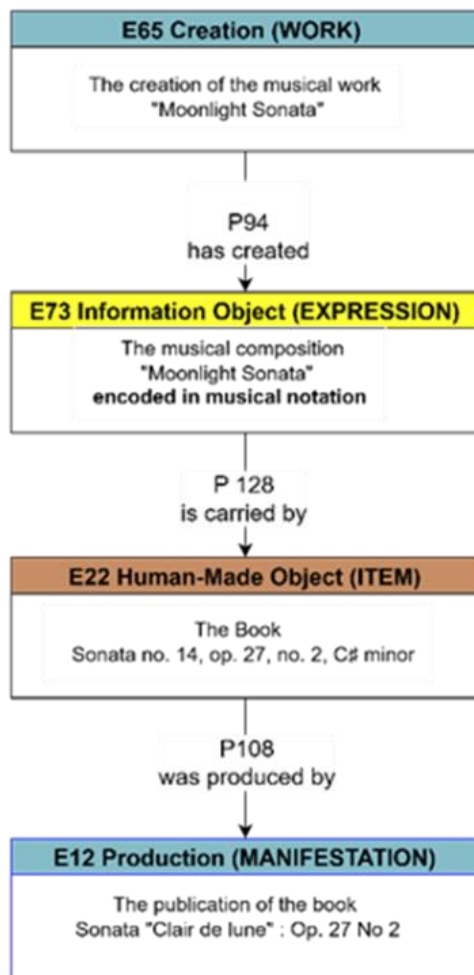
LRM_{oo}



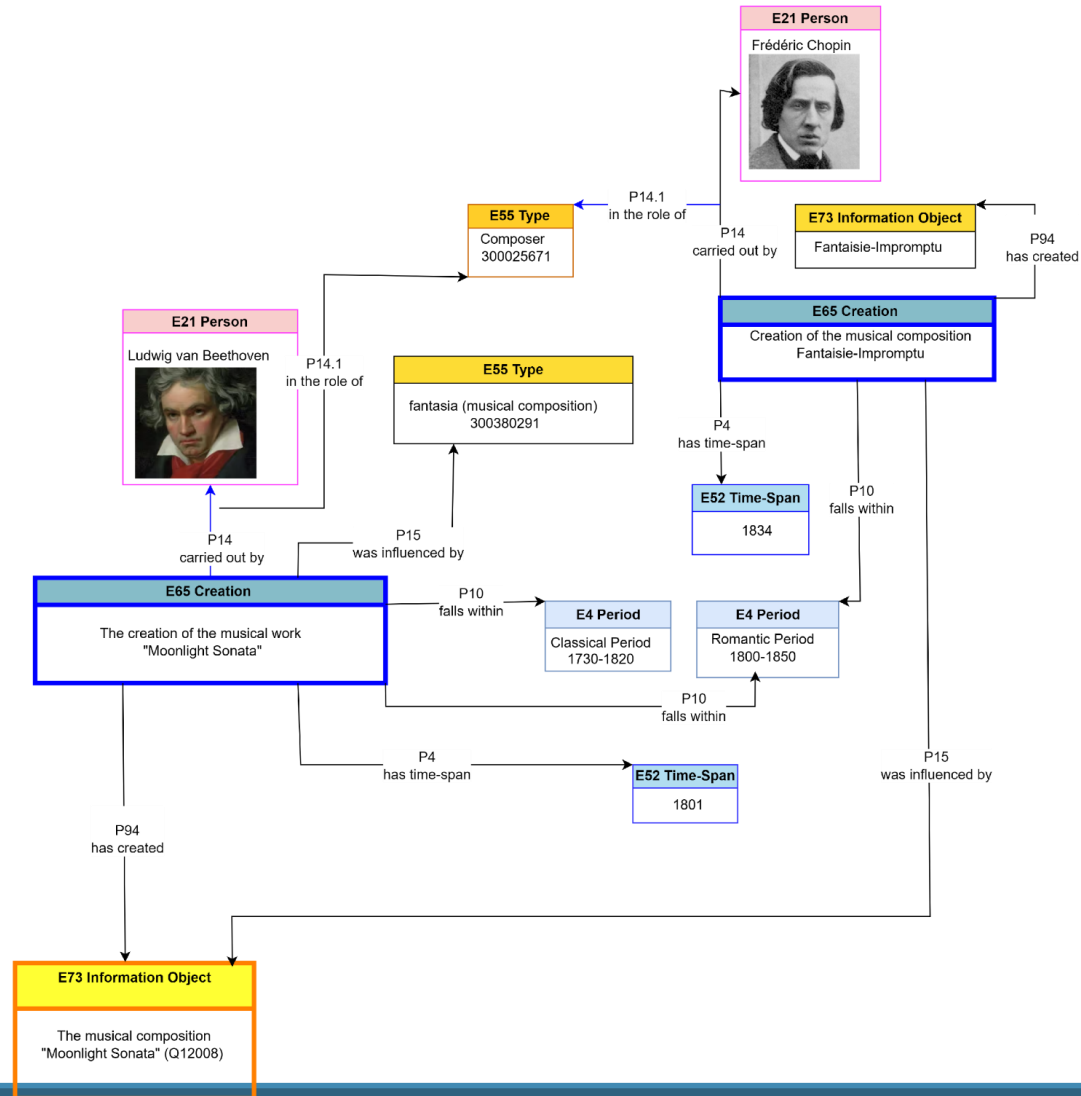
CIDOC CRM



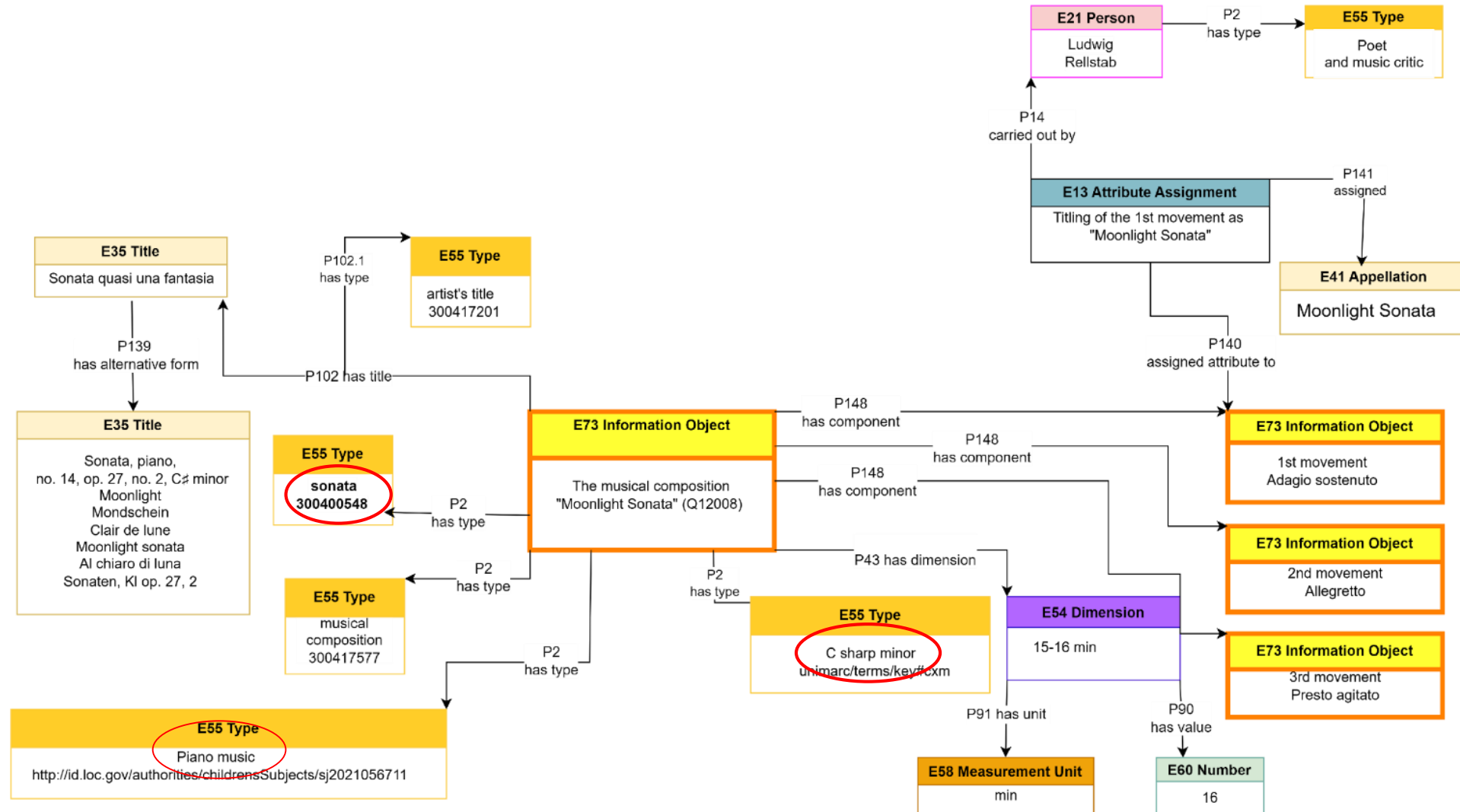
The descriptions are analyzed at the levels



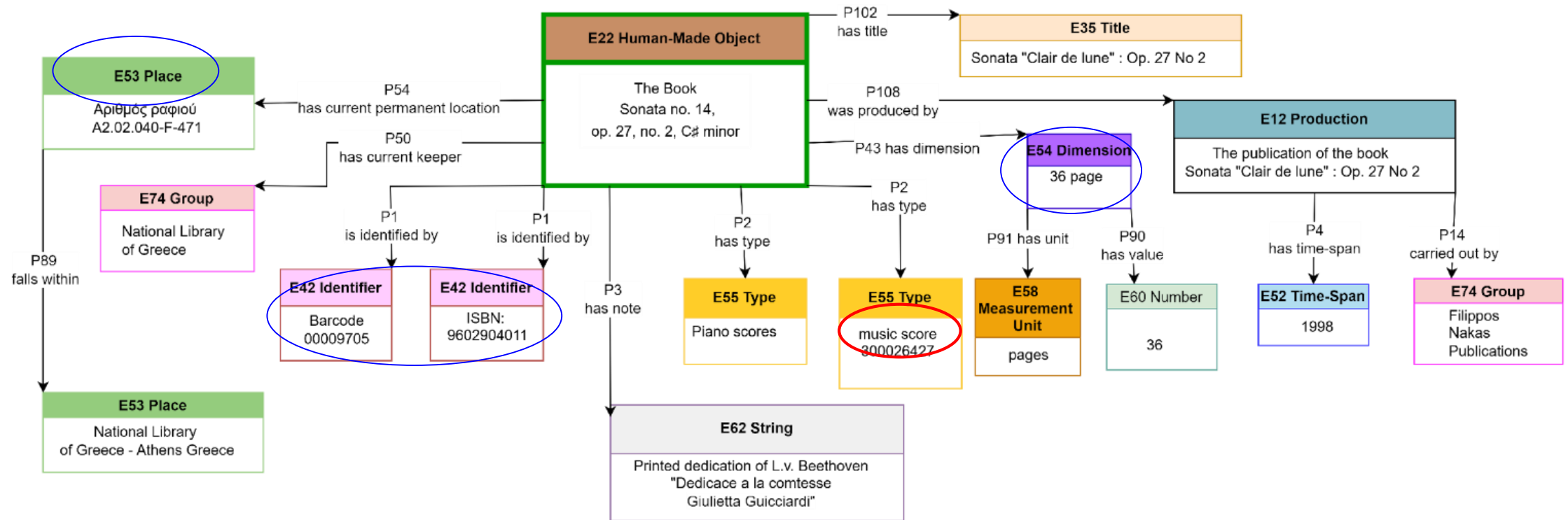
WORK



EXPRESSION



ITEM



Describing musical characteristics

Title

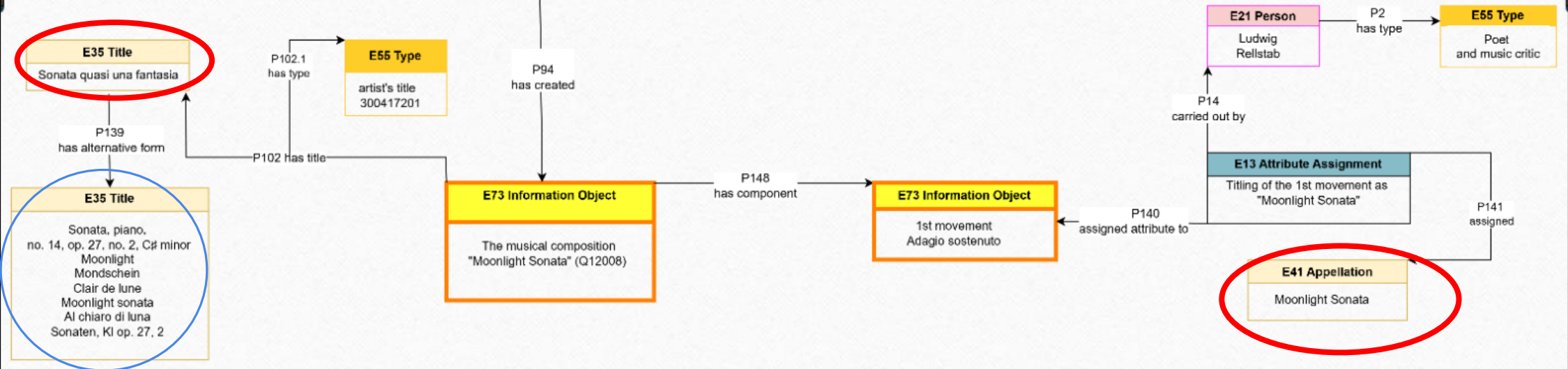
Moonlight Sonata

Assignment of title to a work

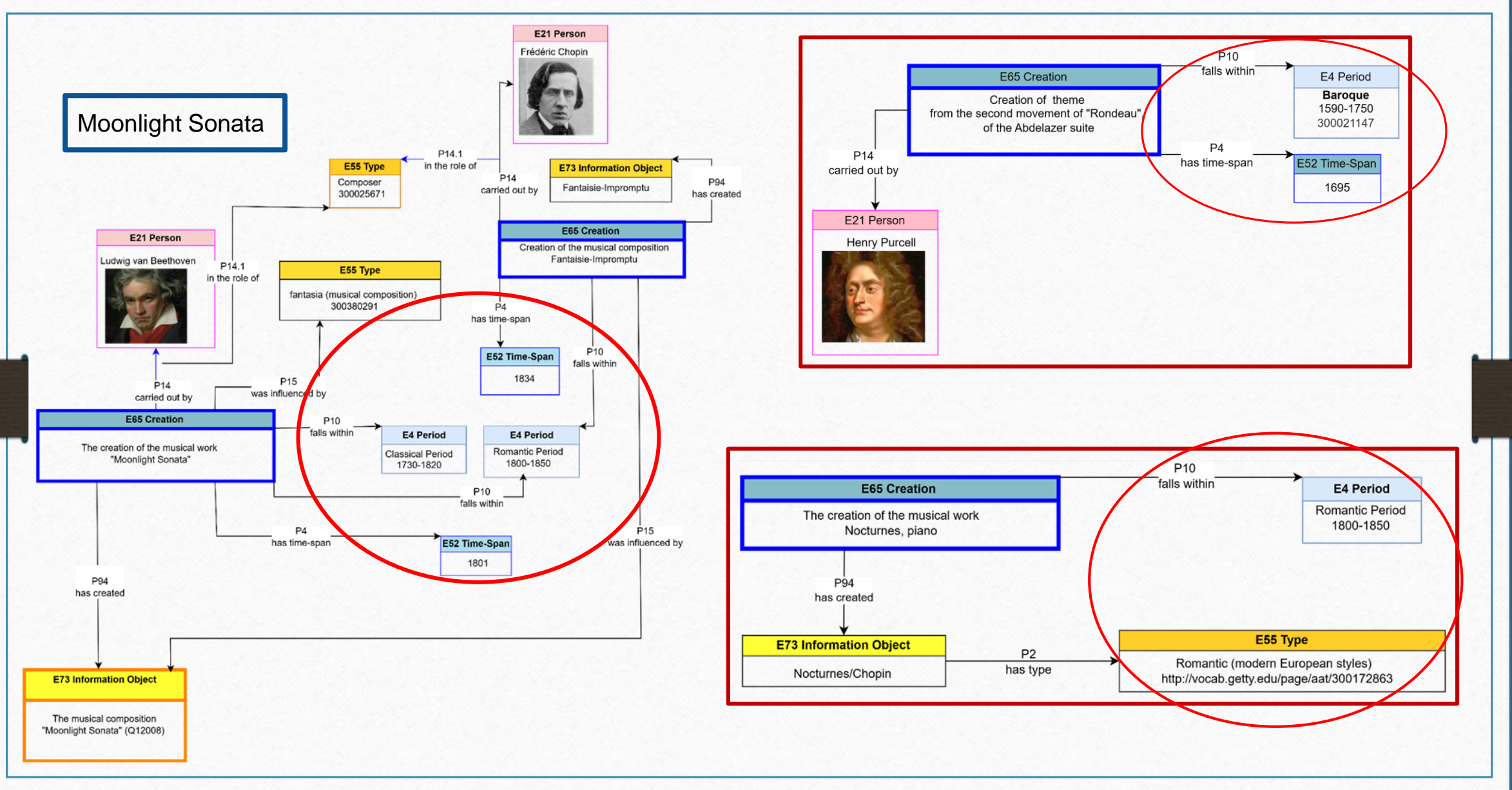
Uniform title
Sonata, piano, no. 14, op. 27, no. 2, C [sharp] minor [from old catalog]

Main title
Sonata quasi una fantasia.

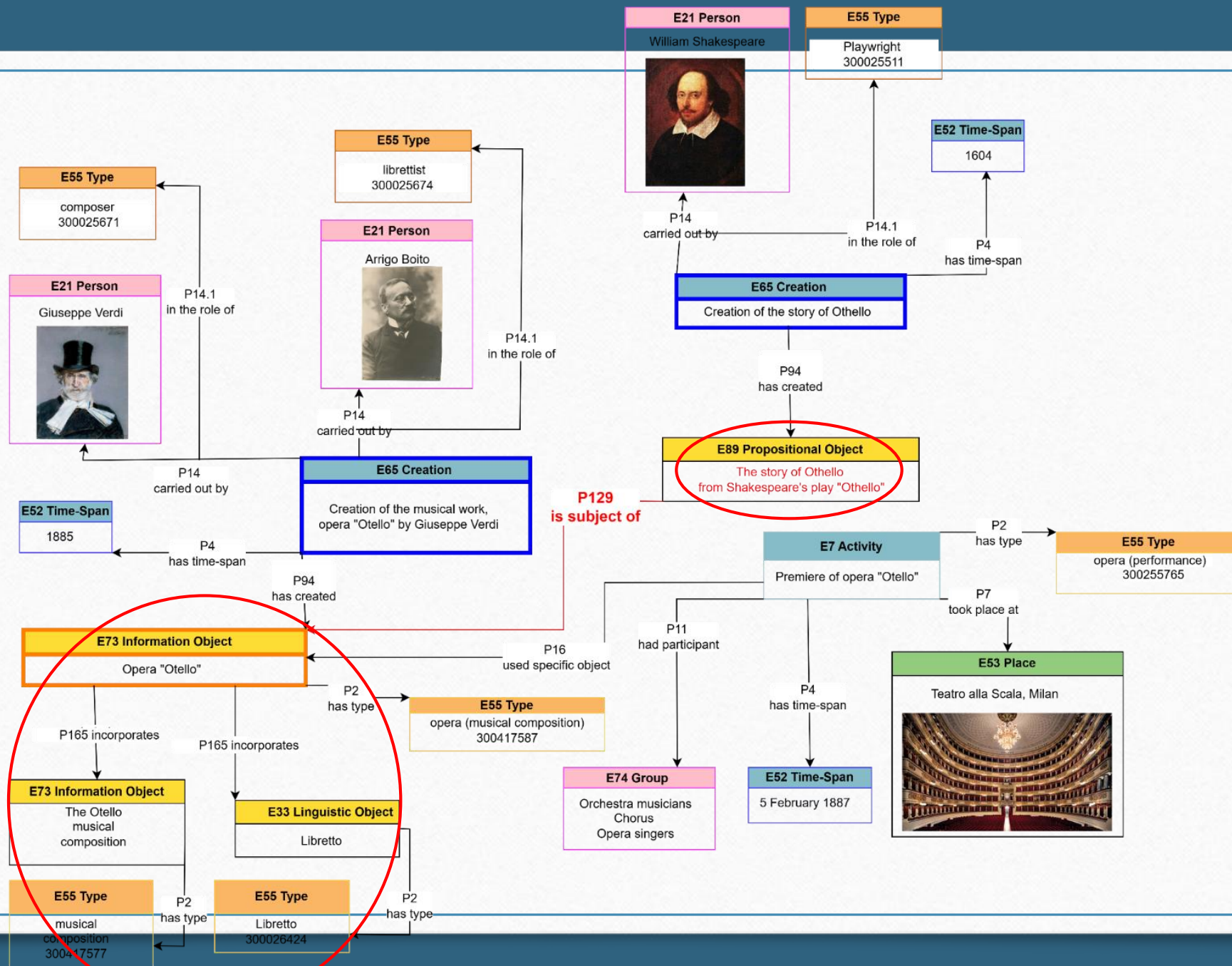
Sonatas	piano	no.14 op.27 no.2	C# minor
Type of composition	Medium of performance	Opus number	Key



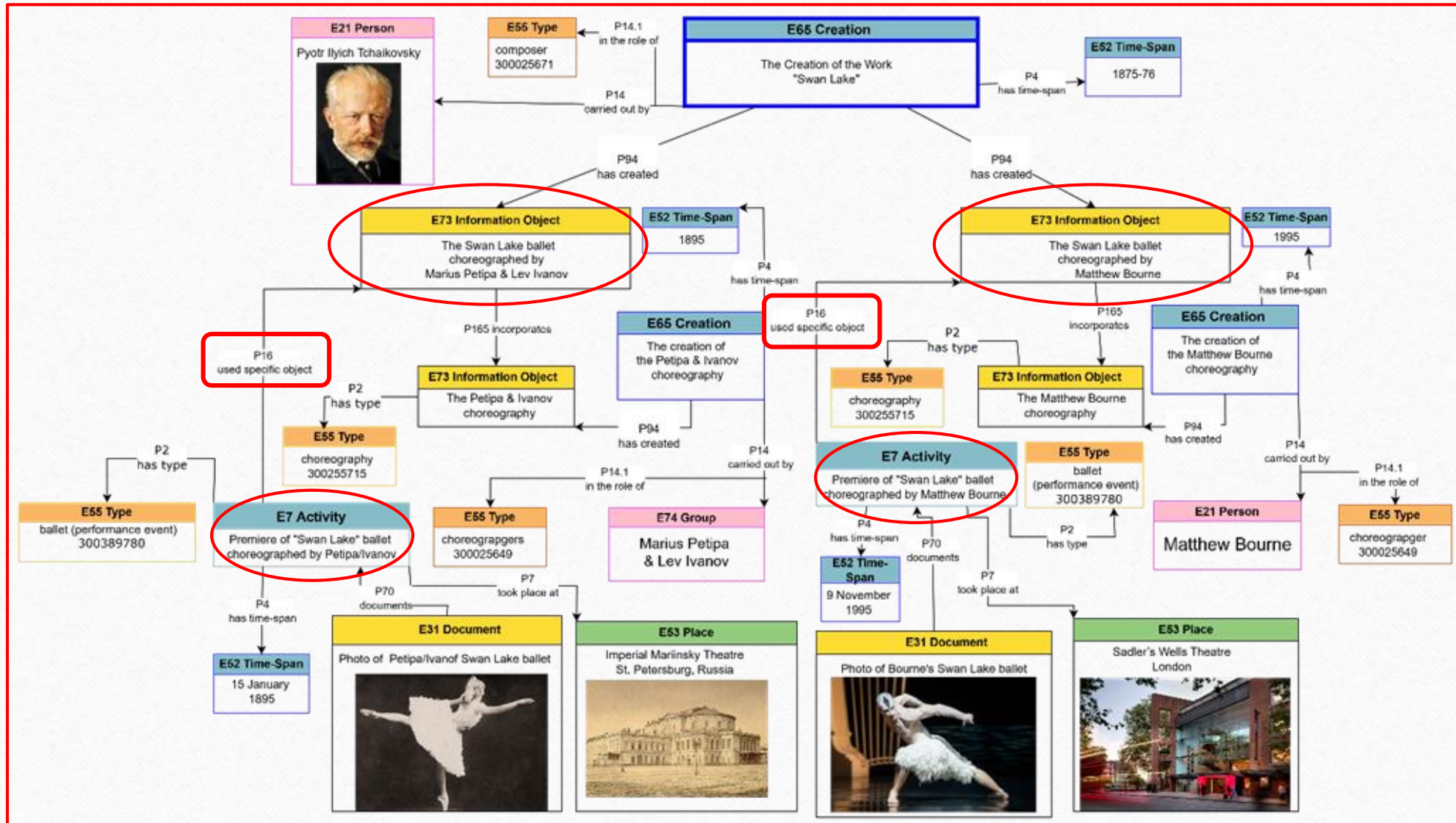
Art Period and Art Movement



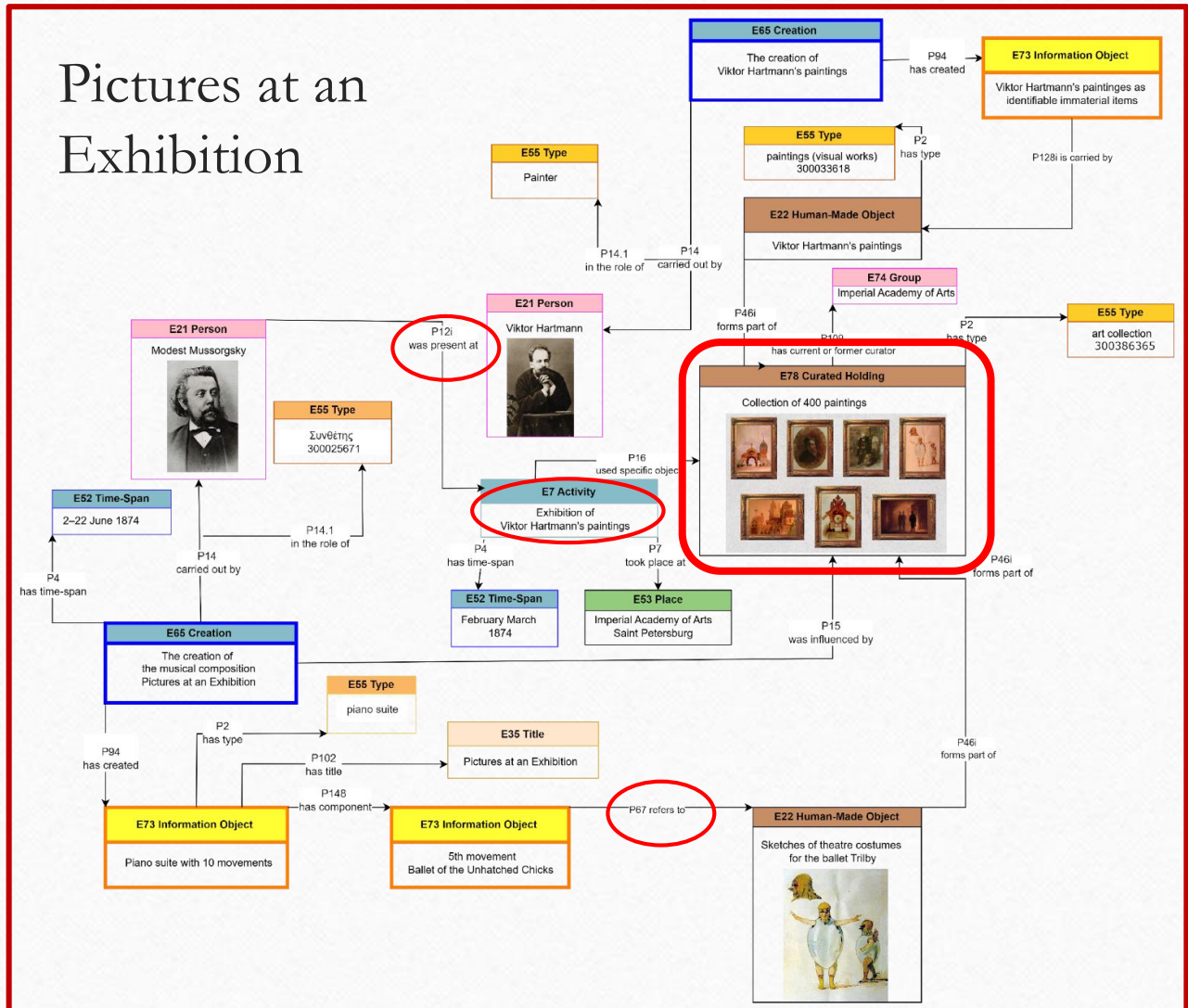
Opera



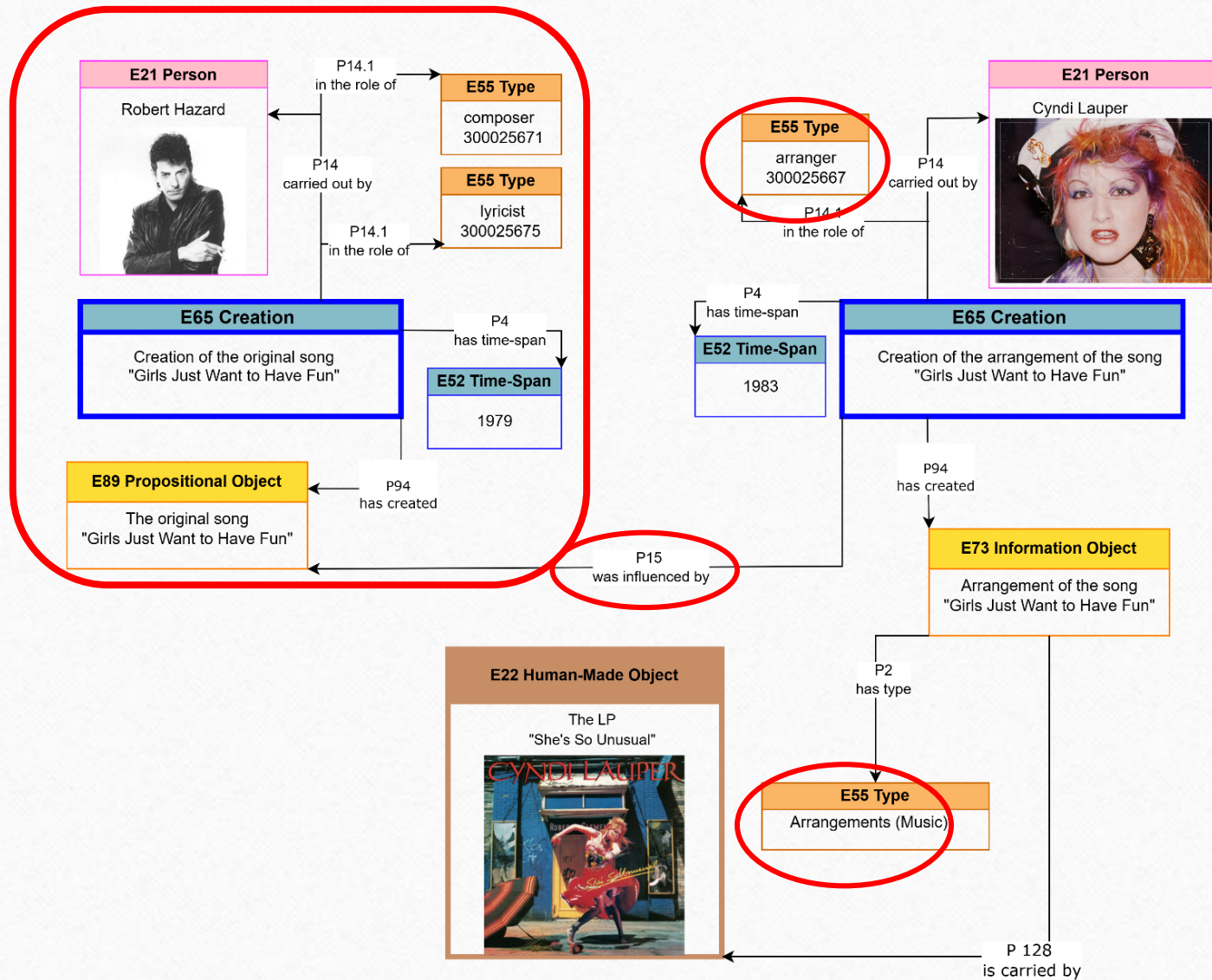
Two different expressions



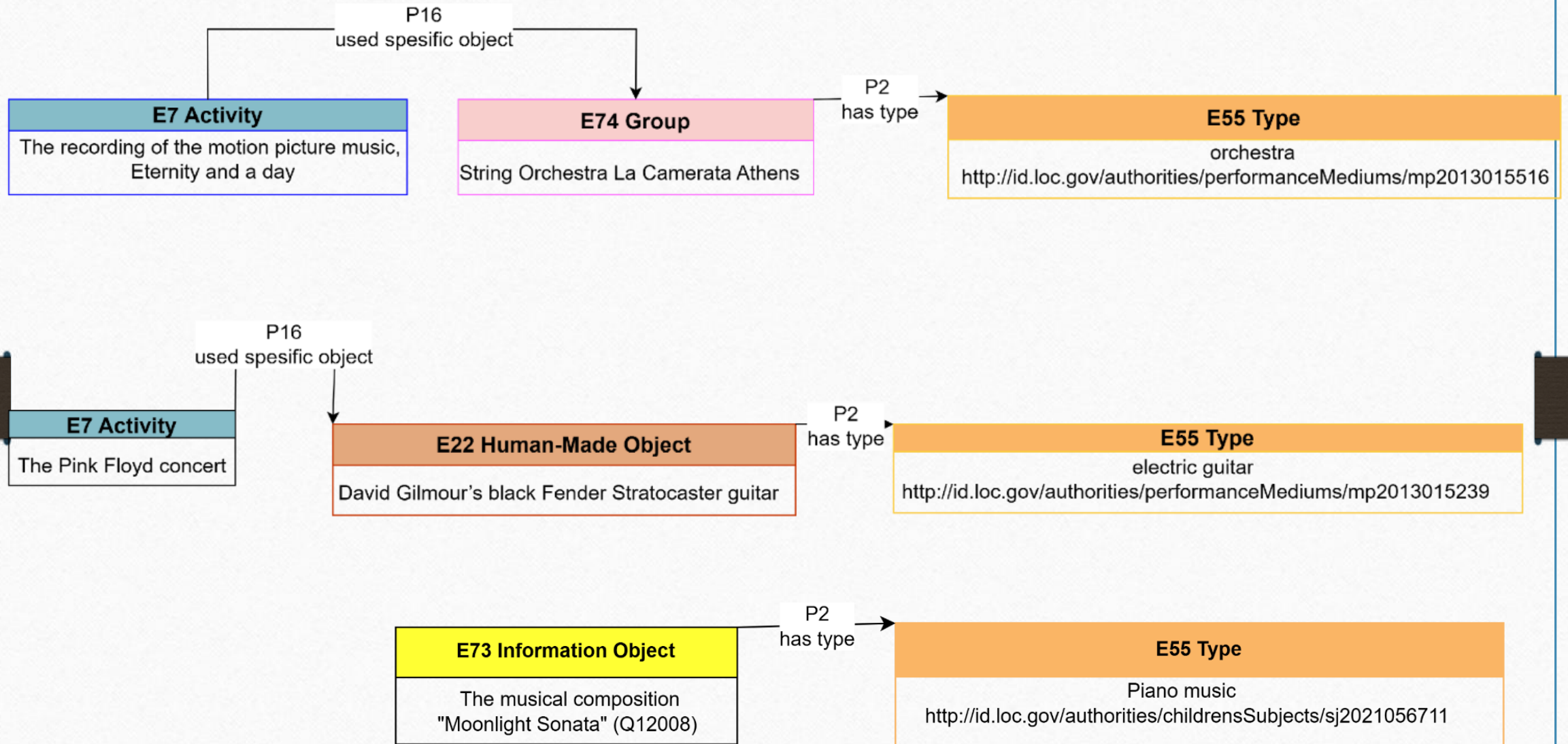
Pictures at an Exhibition



Arrangement



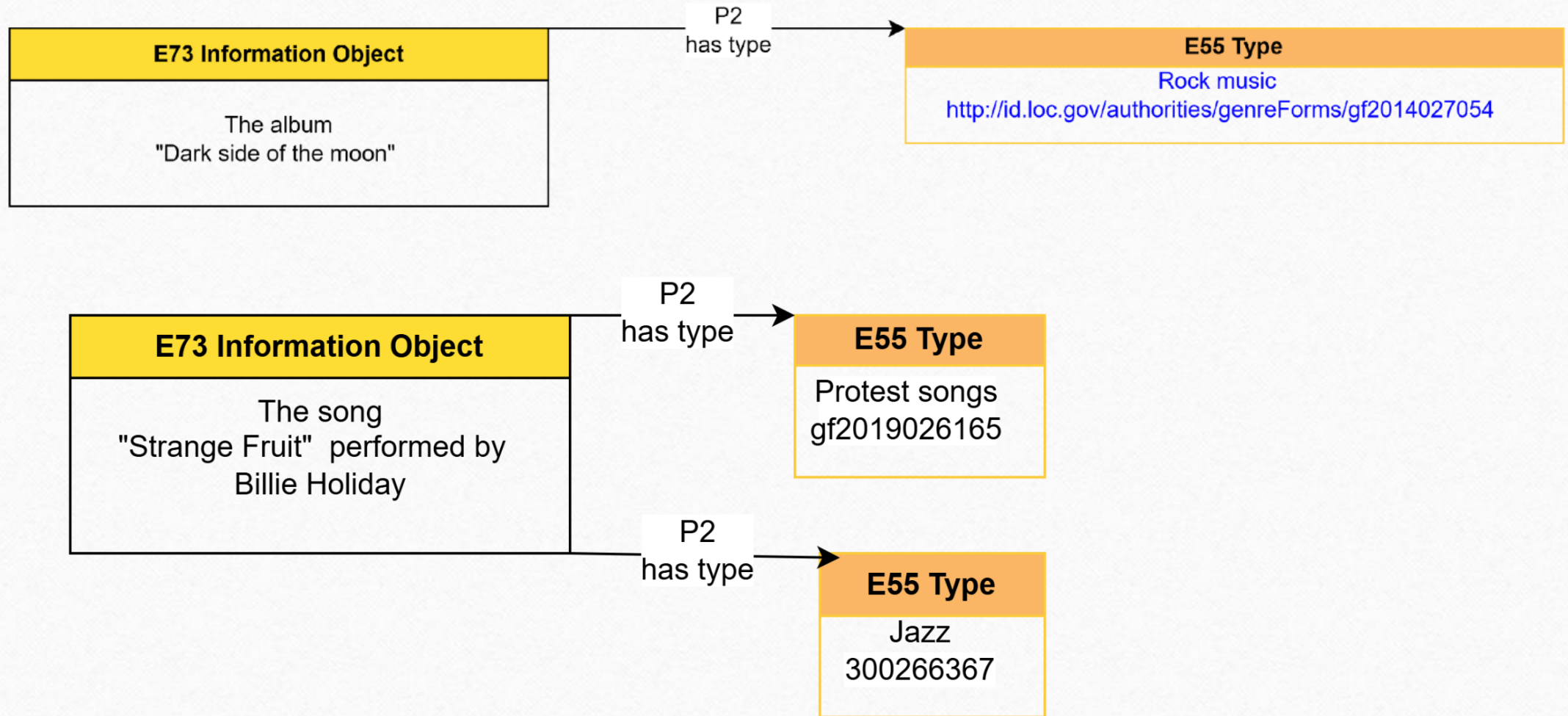
Medium of Performance



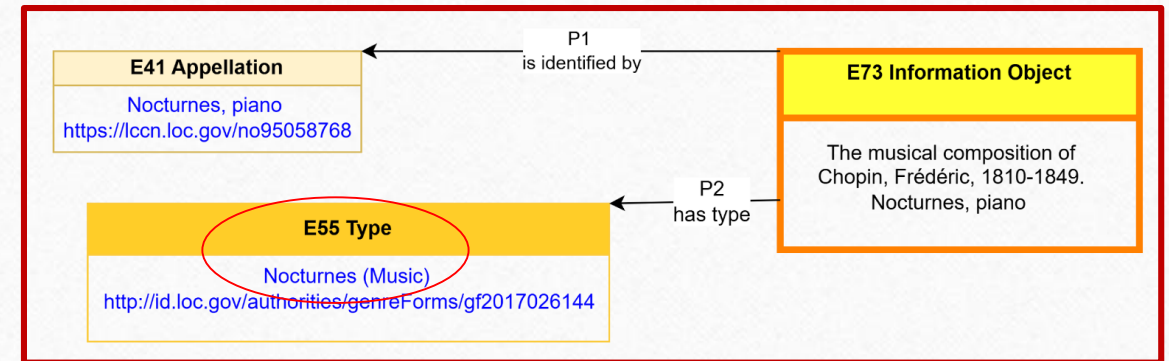
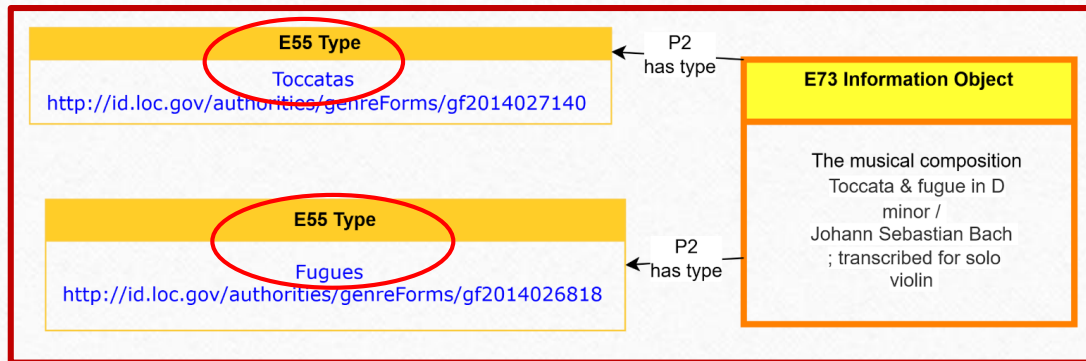
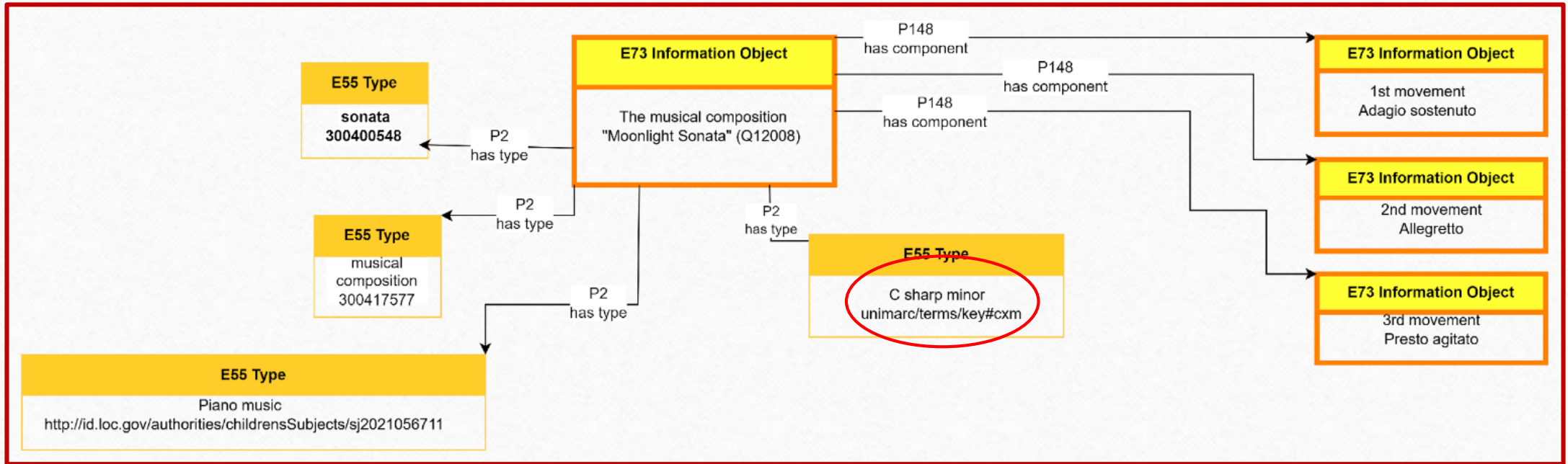
E55 Type

description of various concepts related to music

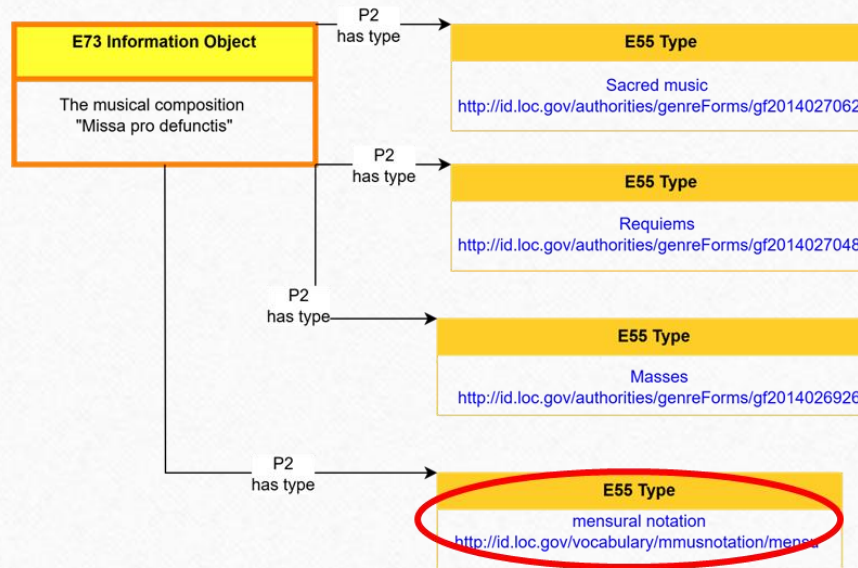
Musical style



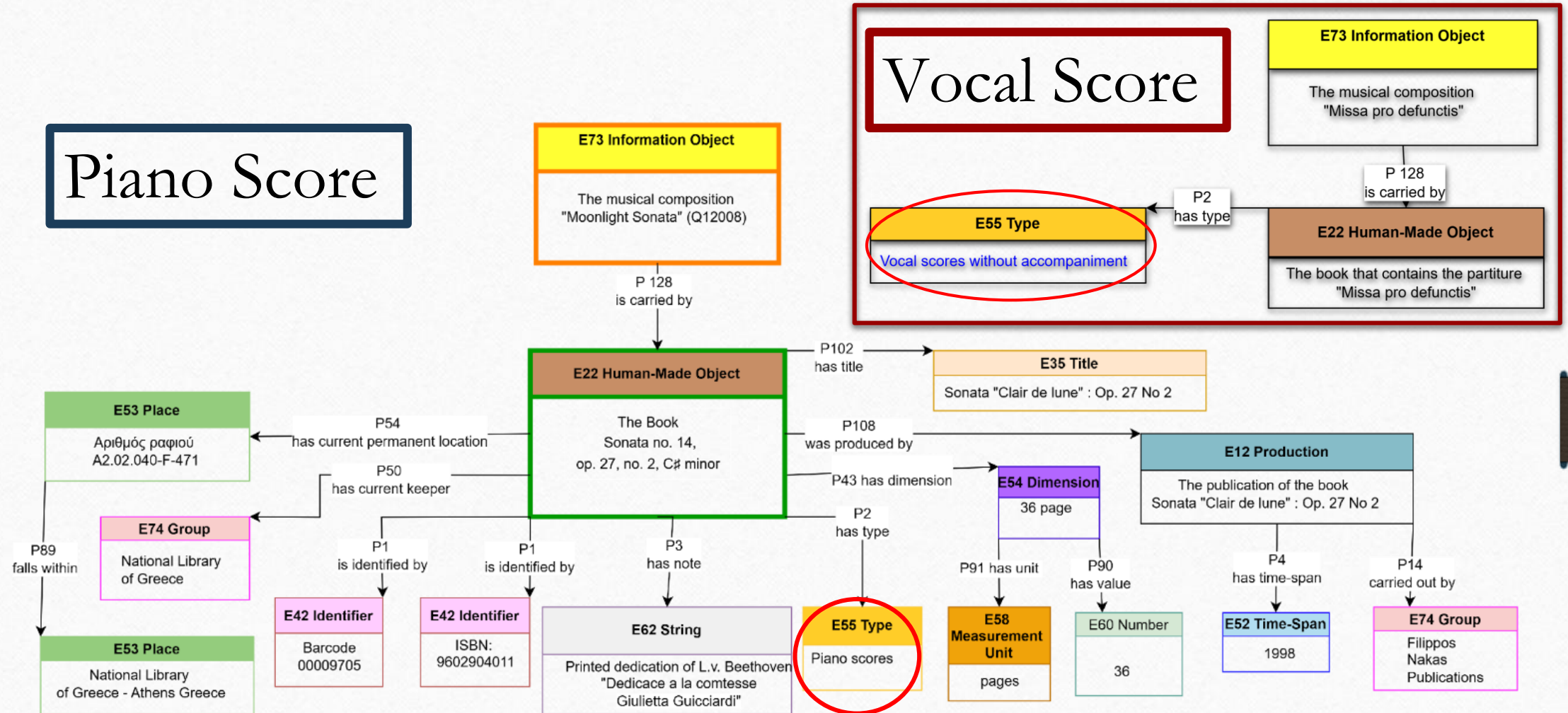
Key and Type of composition



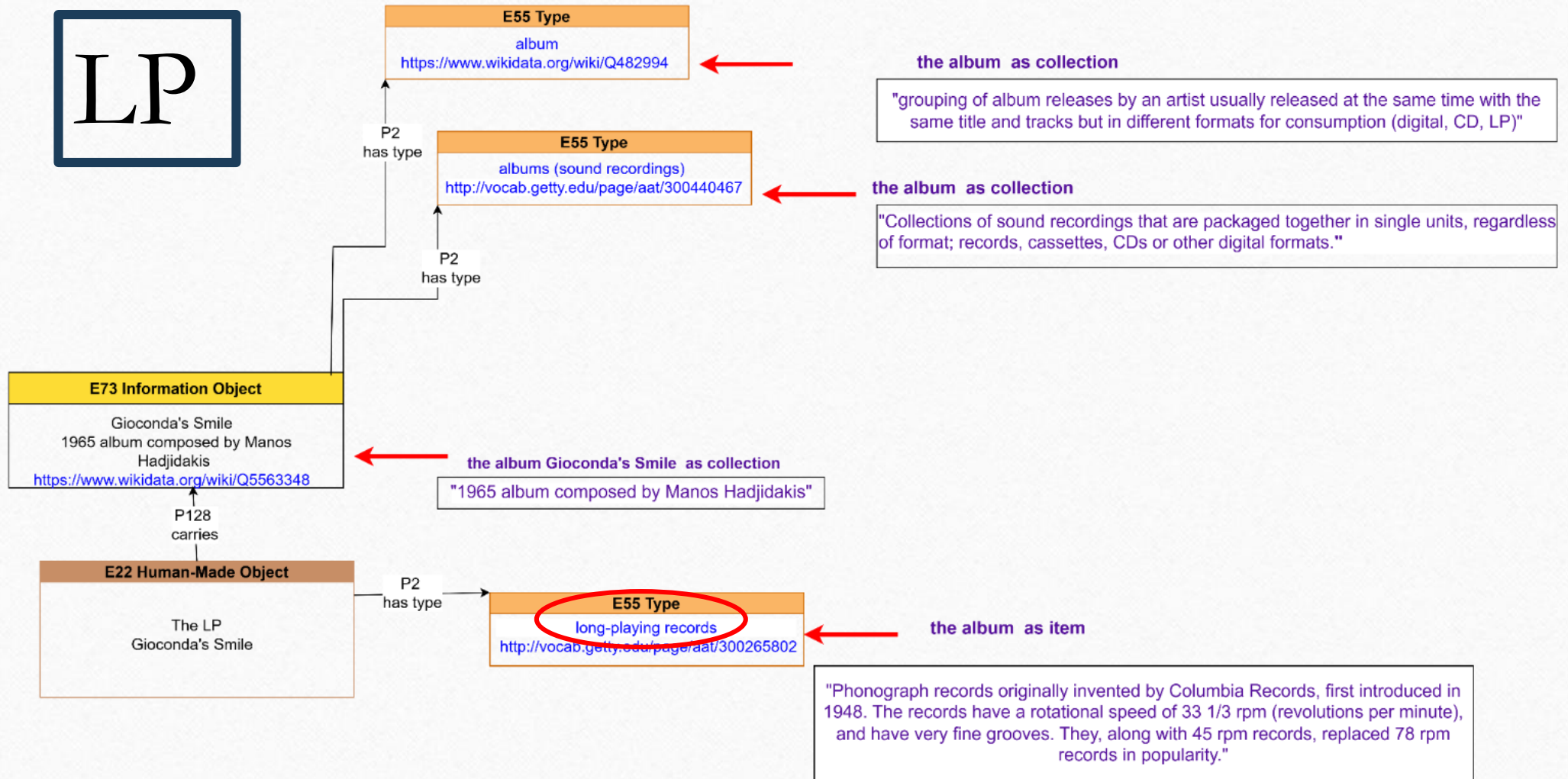
Music Notation



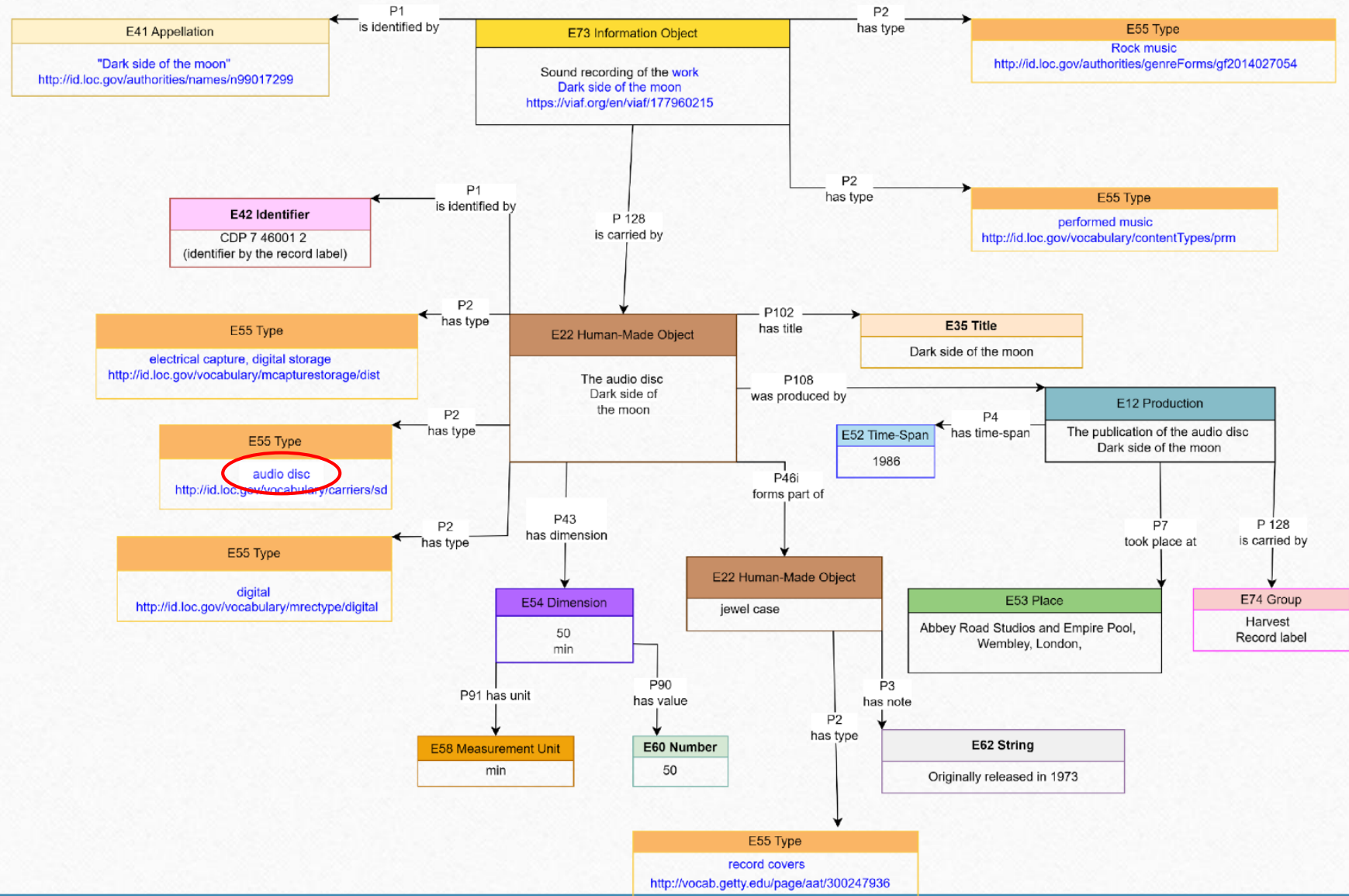
Format

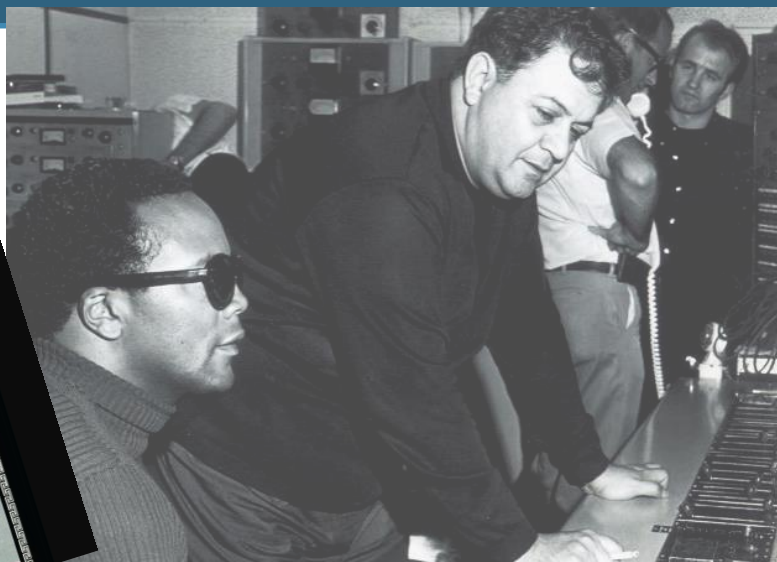


Format

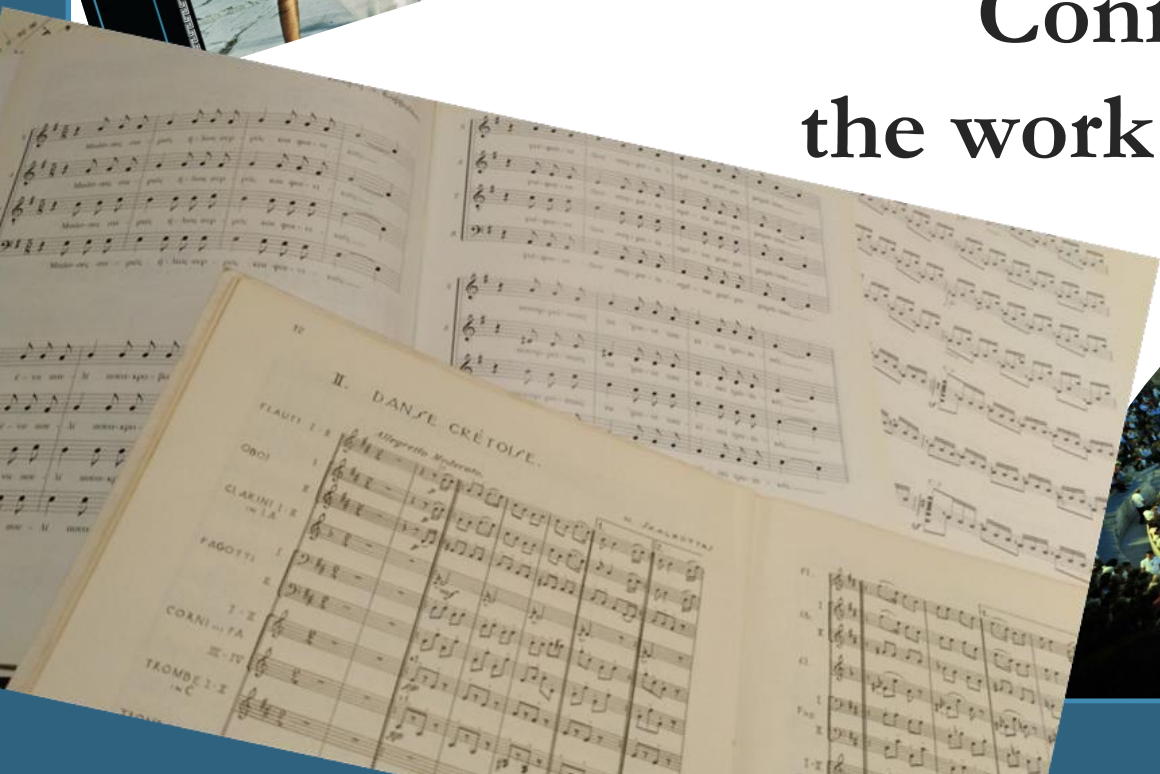


Format

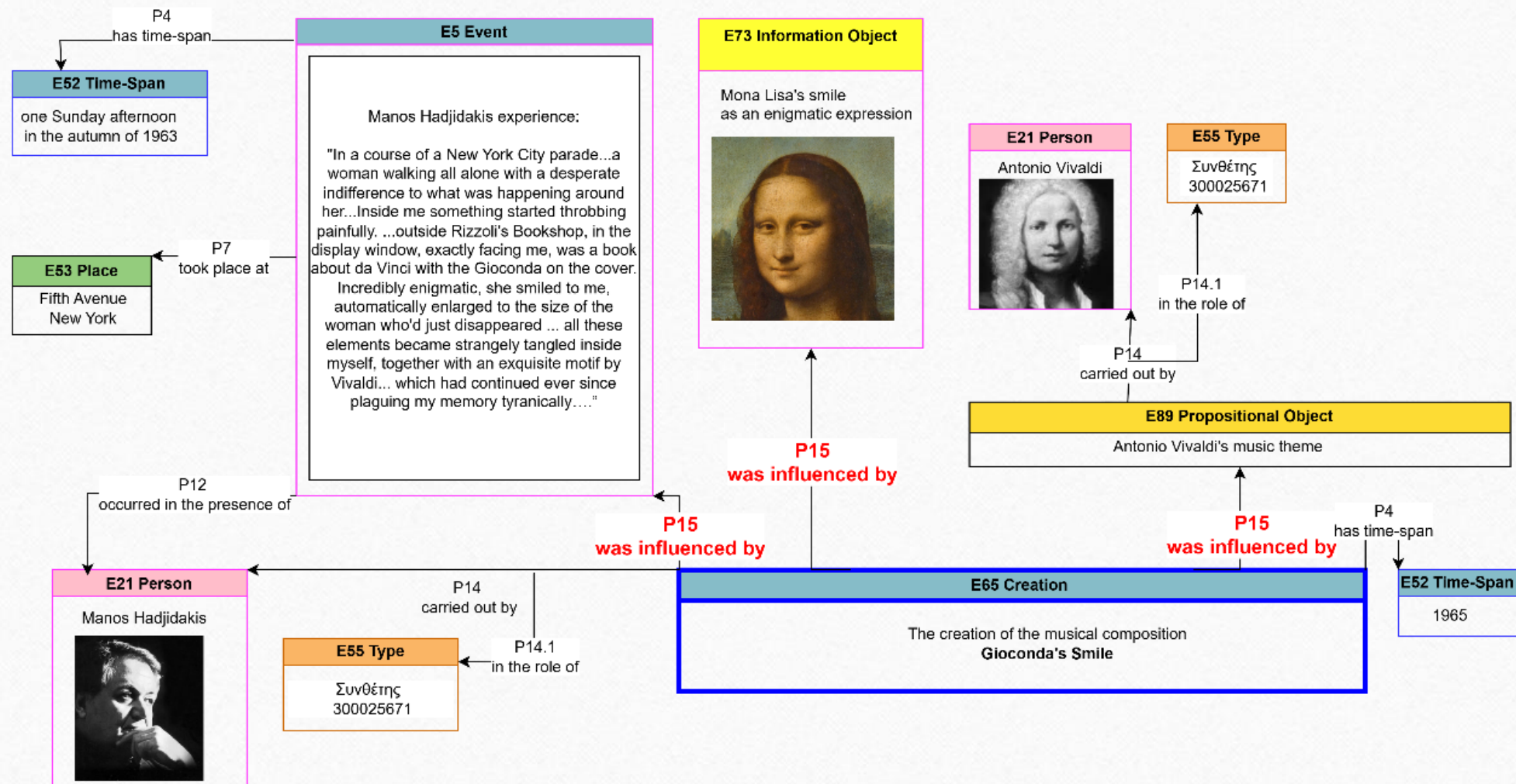




Connection between the work and its environment



Connection of the work to the source of inspiration



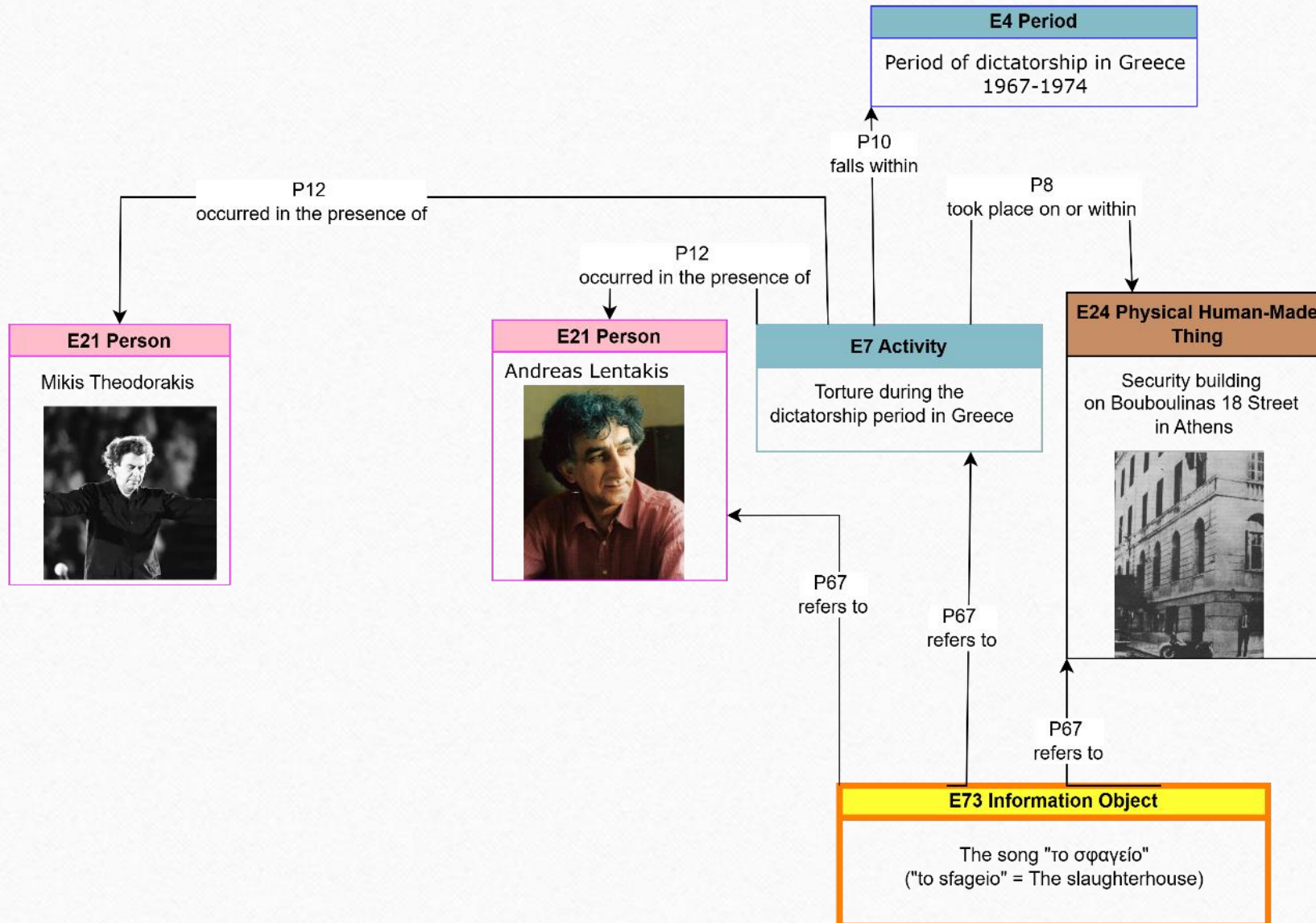
The diagram illustrates the semantic network for the song "Strange Fruit", showing the relationships between various entities and events. The entities are categorized by color and type:

- E1 Person:** Abel Meeropol, Billie Holiday, Abram Smith, Thomas Shipp.
- E2 Human-Made Object:** The photograph of the lynching on August 7, 1930; "The song Strange Fruit was released on a record by the Commodore Records label."
- E3 Linguistic Object:** The poem Bitter Fruit.
- E4 Period:** Lynching of Black Americans in the Southern United States in the early 20th century.
- E5 Type:** Poet, composer, Protest songs, Jazz.
- E6 Creation:** Music and lyrics for the song Bitter Fruit.
- E7 Activity:** Lynching of Thomas Shipp and Abram Smith; The recording of the song Strange Fruit.
- E8 Information Object:** The song "Strange Fruit" performed by Billie Holiday.

The relationships (P) are as follows:

- P10:** E4 Period *falls within* E7 Activity (Lynching of Thomas Shipp and Abram Smith).
- P4:** E7 Activity *has time-span* E52 Time-Span (07/08/1930).
- P7:** E7 Activity *took place at* E53 Place (Marion, Indiana).
- P129:** E3 Linguistic Object *is about* E4 Period.
- P14:** E21 Person (Abel Meeropol) *carried out by* E6 Creation.
- P14.1:** E21 Person (Abel Meeropol) *in the role of* E55 Type (Poet).
- P14.1:** E21 Person (Abel Meeropol) *in the role of* E55 Type (composer).
- P15:** E6 Creation *was influenced by* E22 Human-Made Object (The photograph of the lynching on August 7, 1930).
- P94:** E6 Creation *has created* E3 Linguistic Object.
- P94:** E6 Creation *has created* E8 Information Object.
- P102:** E3 Linguistic Object *has title* E35 Title (Bitter Fruit).
- P102:** E8 Information Object *has title* E35 Title (Strange Fruit).
- P165:** E3 Linguistic Object *is incorporated in* E8 Information Object.
- P128:** E8 Information Object *is carried by* E22 Human-Made Object.
- P14:** E21 Person (Billie Holiday) *carried out by* E7 Activity (The recording of the song Strange Fruit).
- P16:** E7 Activity (The recording of the song Strange Fruit) *used specific object* E22 Human-Made Object.
- P62:** E22 Human-Made Object (The photograph of the lynching on August 7, 1930) *depicts* E21 Person (Abram Smith).
- P62:** E22 Human-Made Object (The photograph of the lynching on August 7, 1930) *depicts* E21 Person (Thomas Shipp).

Connection of the work to people, places, and political events



Thank you for your time and attention