

D O R E
M U S

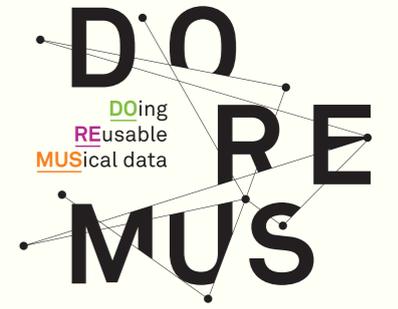
DOing
REusable
MUSical data



<http://www.doremus.org>



Presentation of Doremus



- Context & Objectives
- Where are we now? The state of model
- Next steps, new challenges



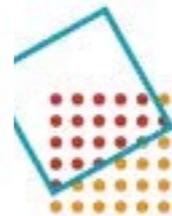
Context

The project partners



PHILHARMONIE
DE PARIS

MEANING ENGINES

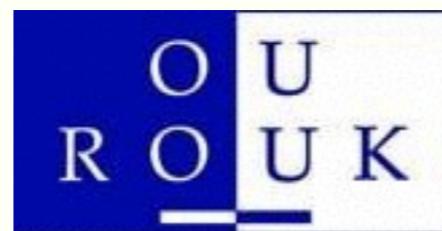


Laboratoire
Informatique
Robotique
Microélectronique
Montpellier

Gériico



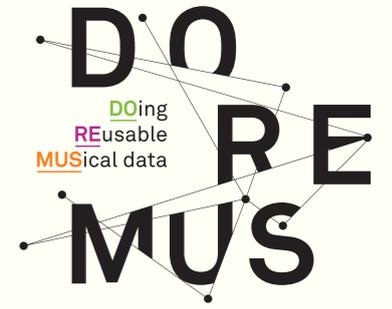
Université
de Lille
3 SCIENCES HUMAINES
ET SOCIALES



Ourouk
— Conseil
— en Management
— de l'Information


EURECOM
Sophia Antipolis

The project objectives



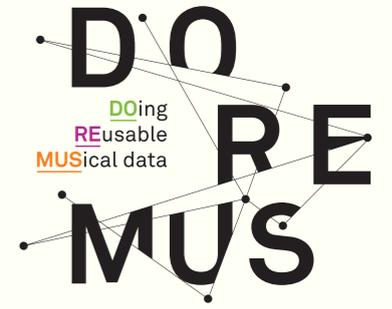
1/3

Provide cultural institutions, publishers, distributors and communities with :

- **ontologies**
- shared **multilingual controlled vocabularies**
- **methods** to publish, share, connect, contextualise, enrich catalogues of musical works and events

The project objectives

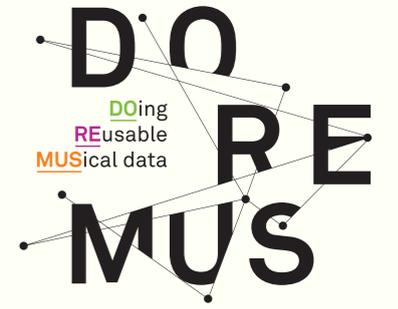
2/3



Build and validate **learning tools** enabling the deployment of standards, controlled vocabularies and technologies among the cultural institutions.

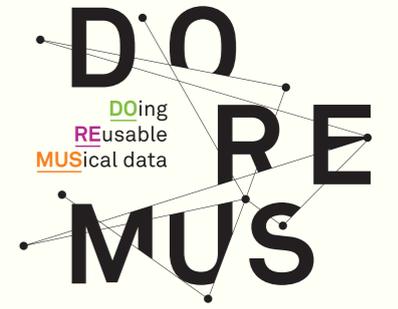
The project objectives

3/3



Build a recommender tool

The state of the model

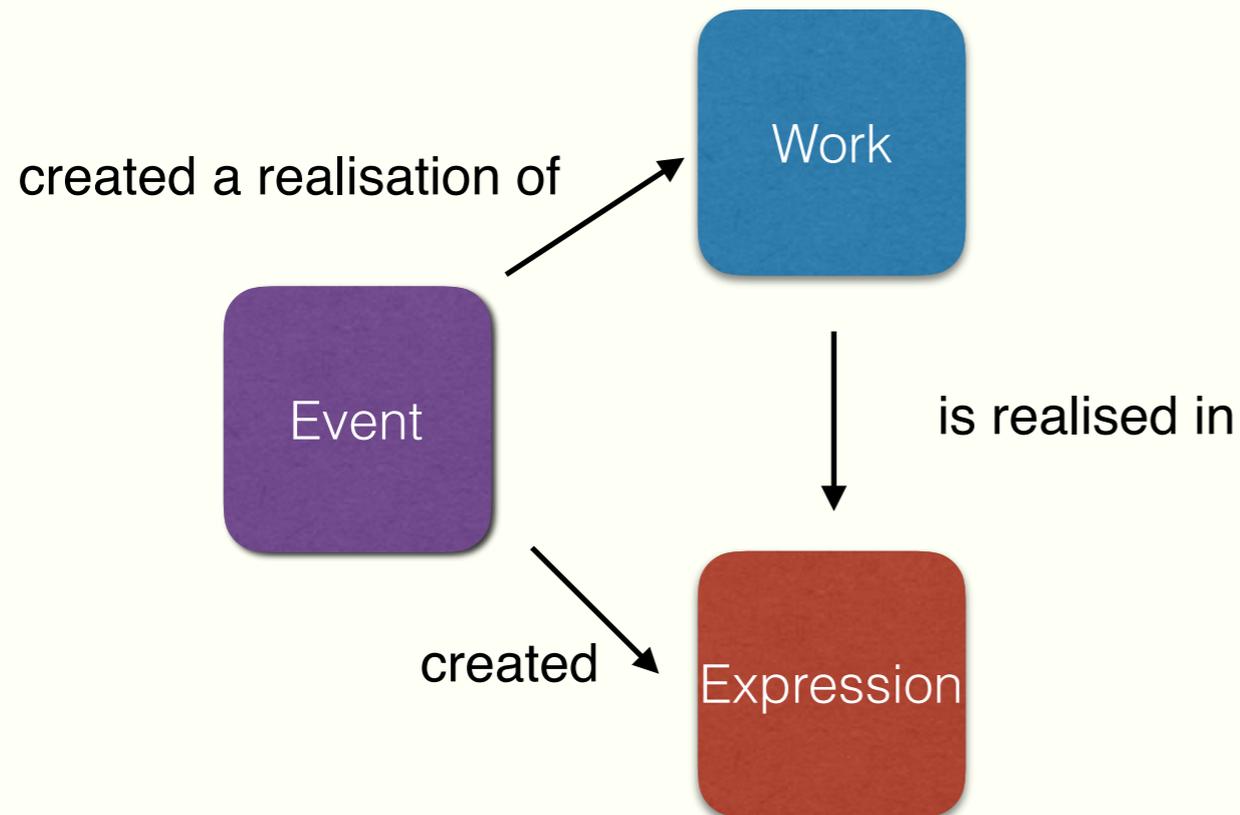


- Description of a musical work
- Description of performances
- Description of a recording and editing
- Description of a publication

...but first, some building blocks!

The buildings blocks (1/3)

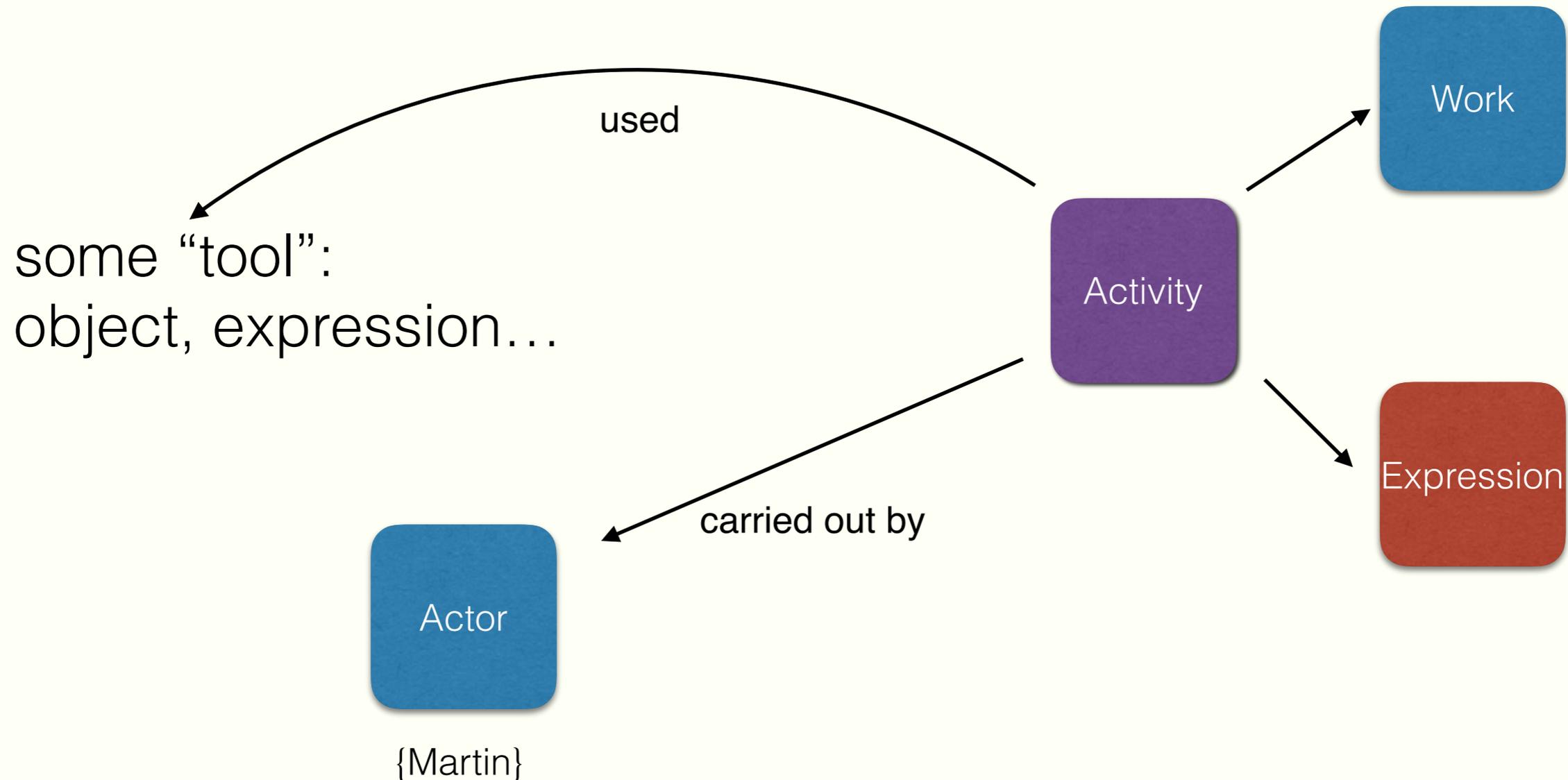
Event - Work - Expression



An activity **creates an Expression**, which **realises a Work**

The buildings blocks (2/3)

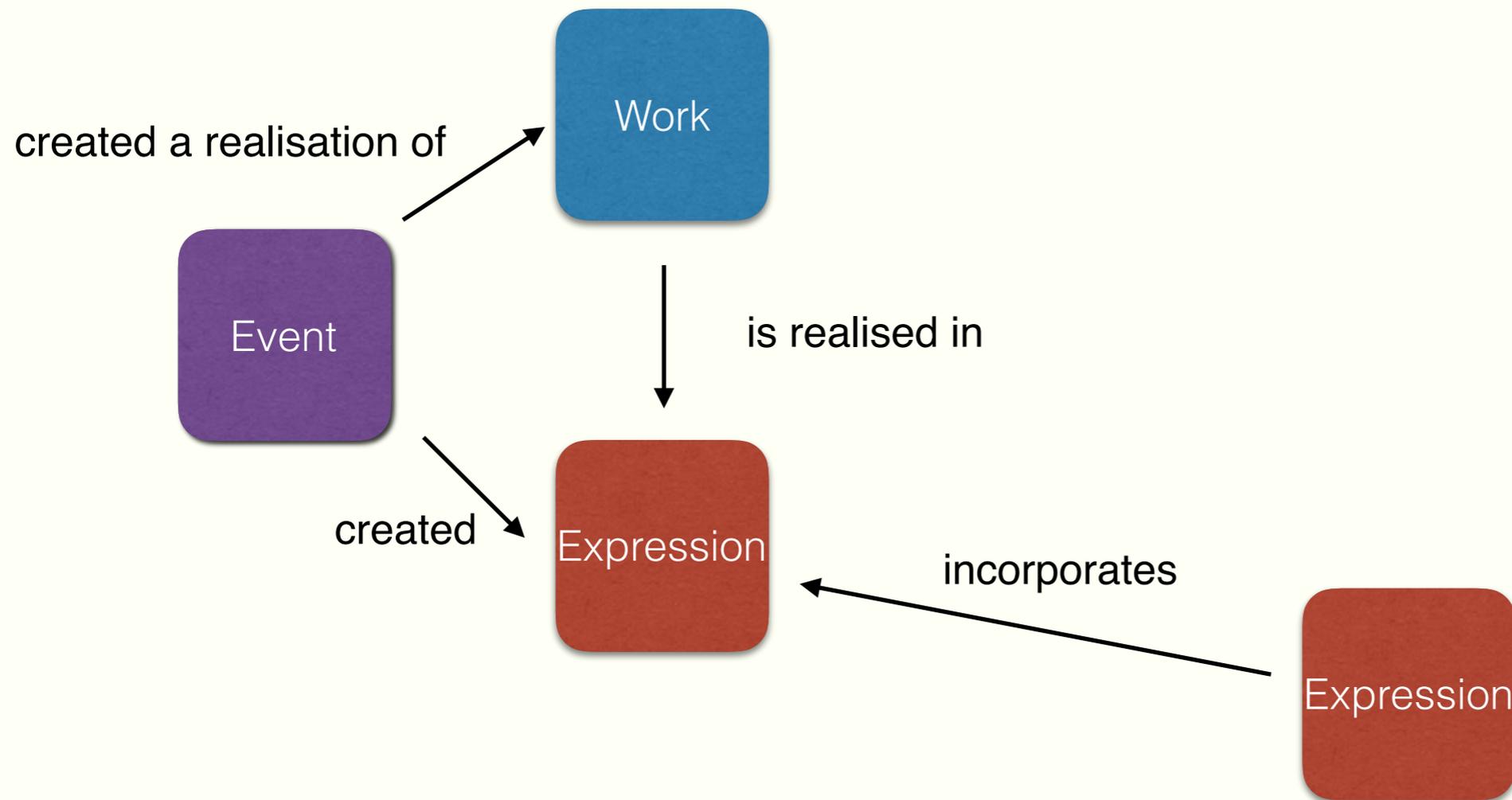
Events, Actors, Tools



NB: An activity is not necessarily linked with Work/Expression

The buildings blocks (3/3)

Incorporating Expressions

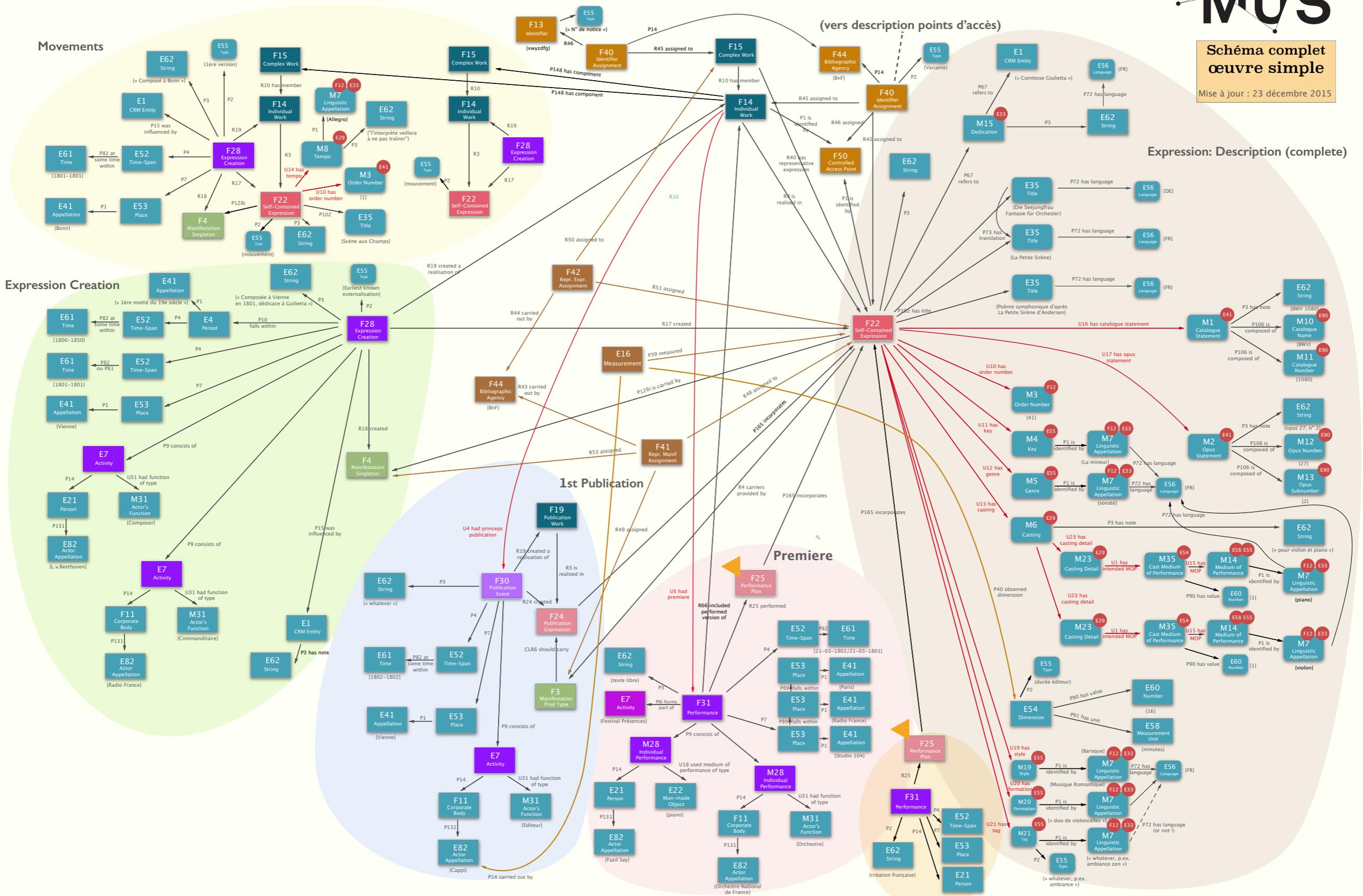


An Expression can incorporate **another Expression**

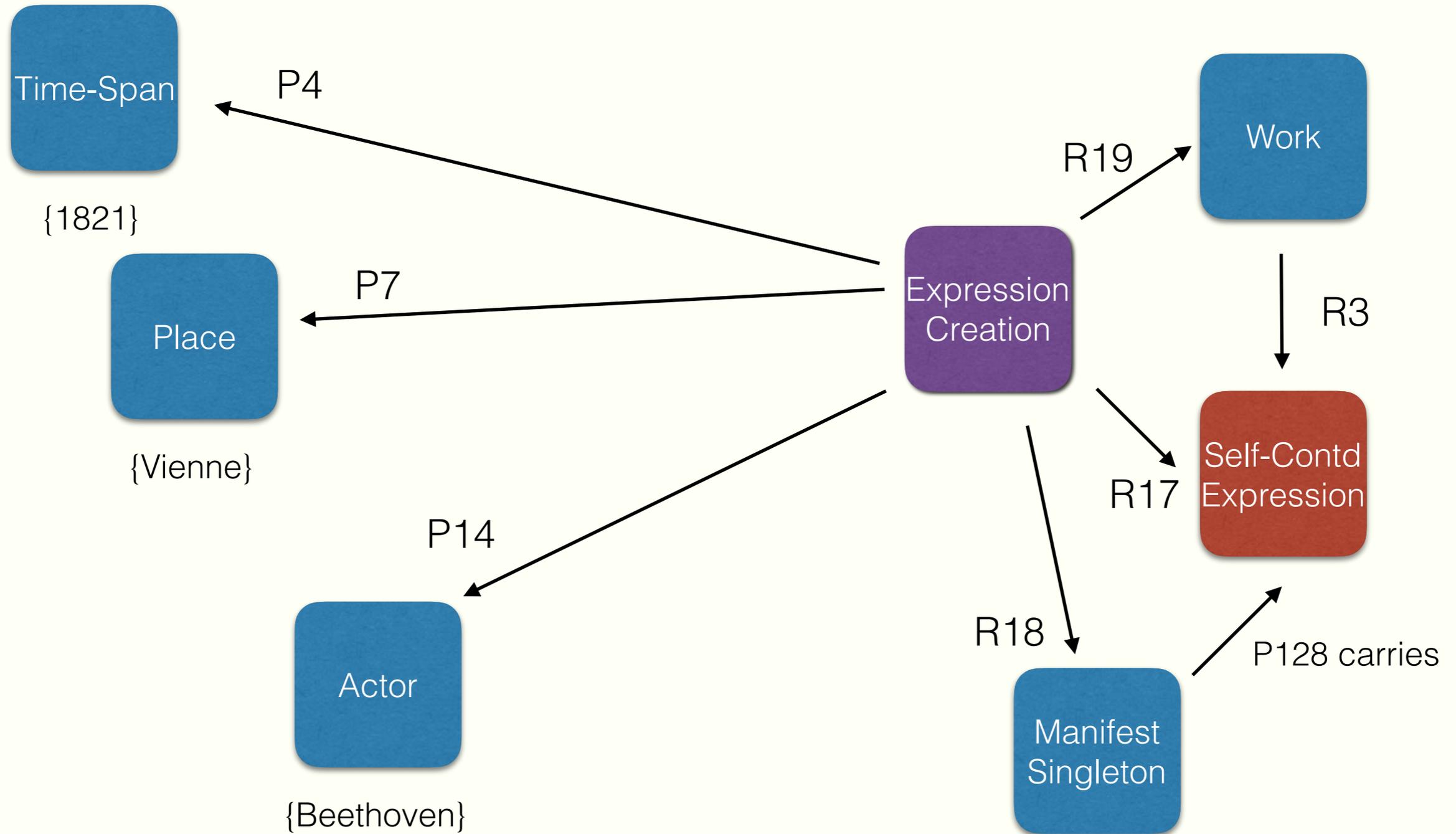
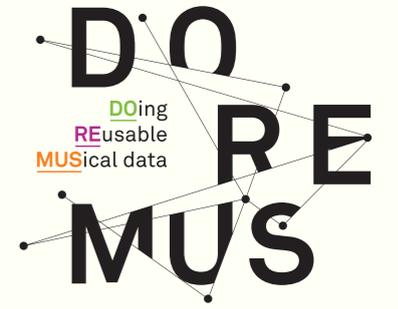
A simple musical work

Schéma complet
œuvre simple

Mise à jour : 23 décembre 2015

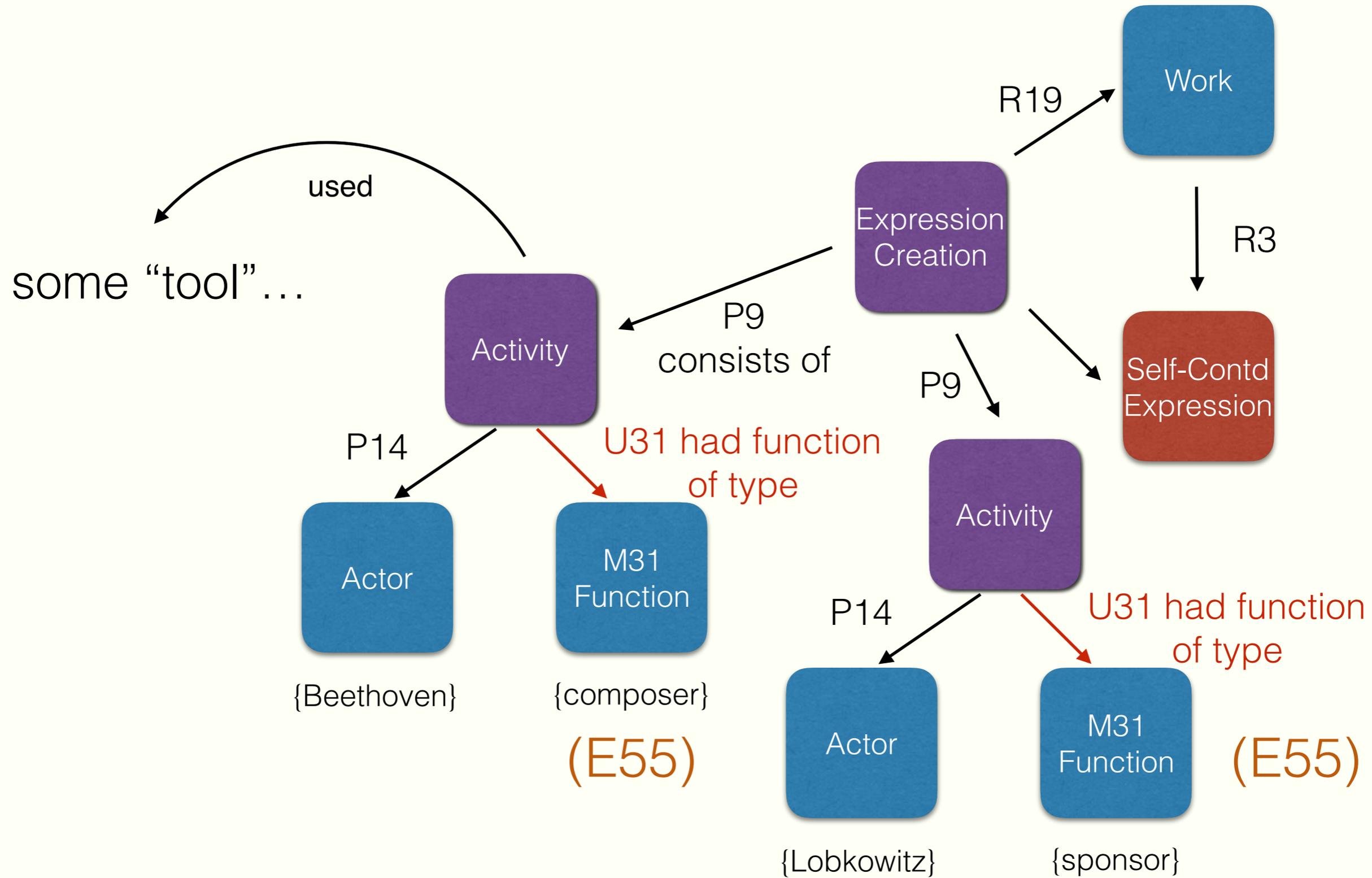
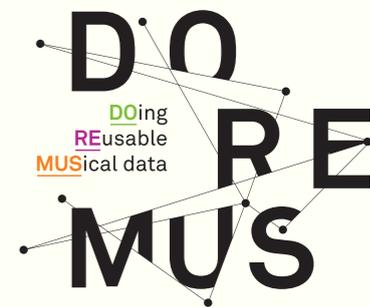


Description of the activity, 1

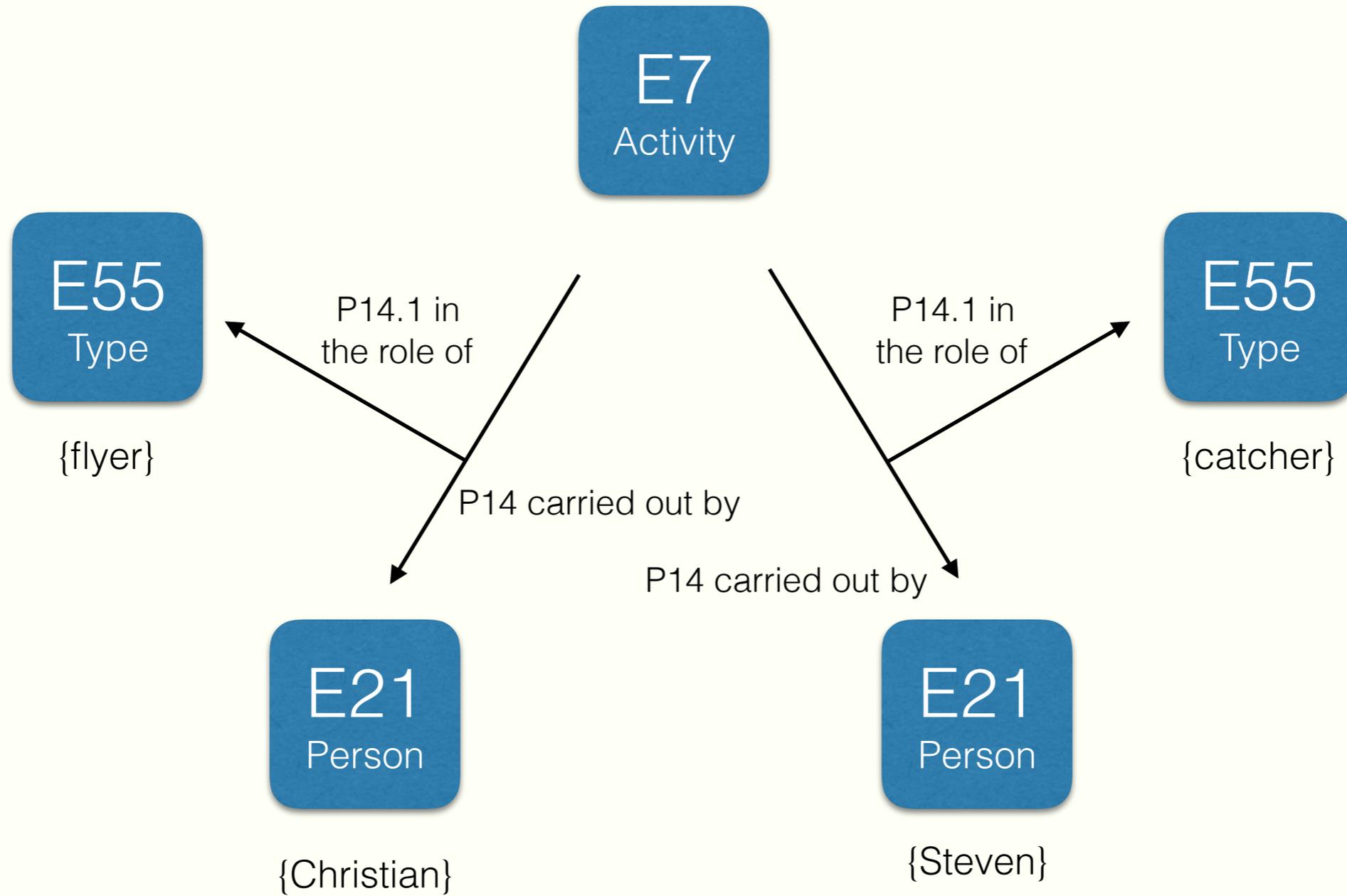
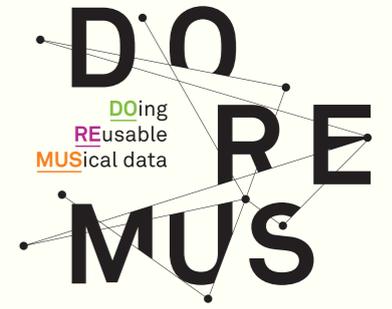


Description of the activity, 2

Two actors for the Expression Creation activity

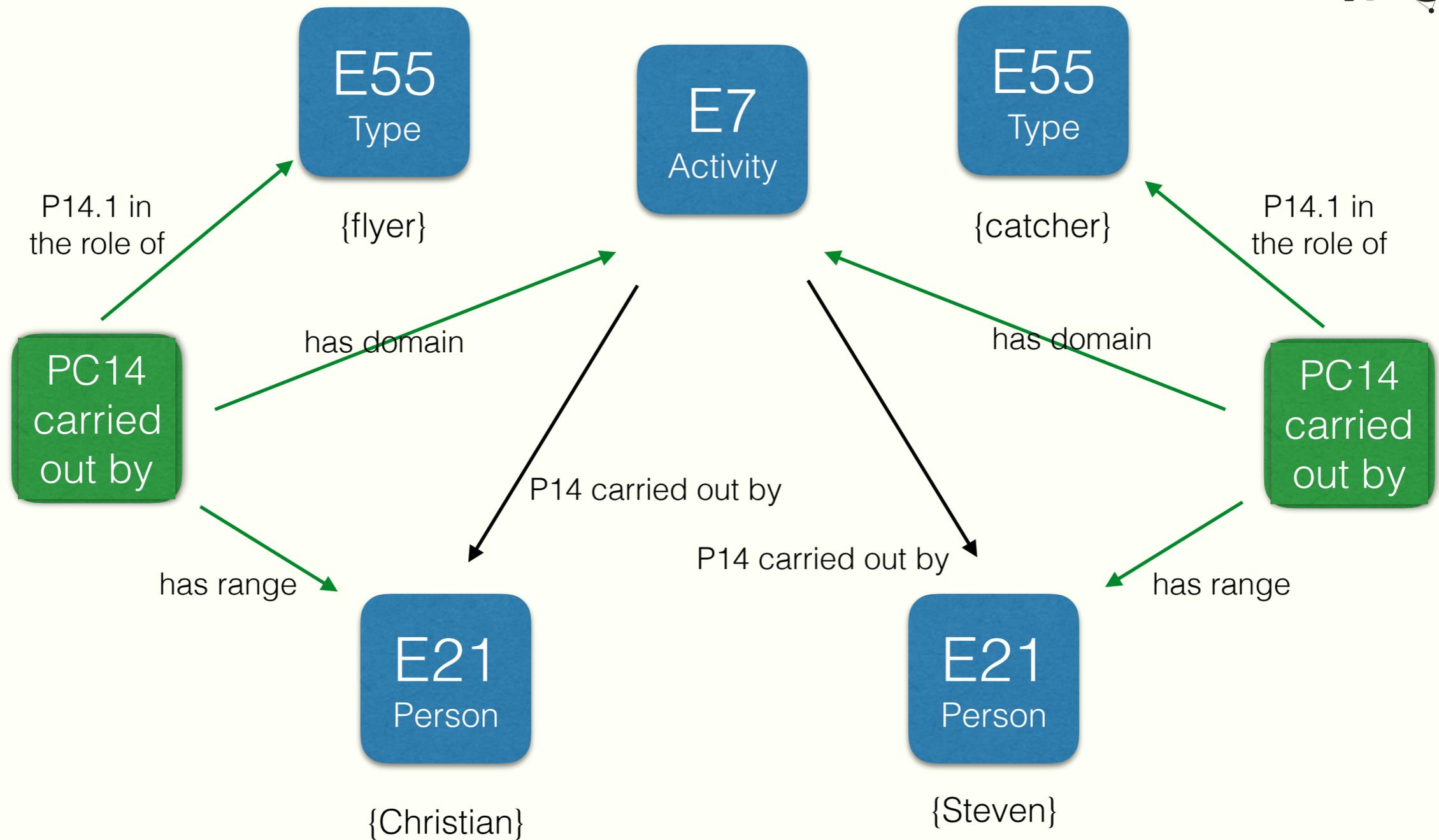
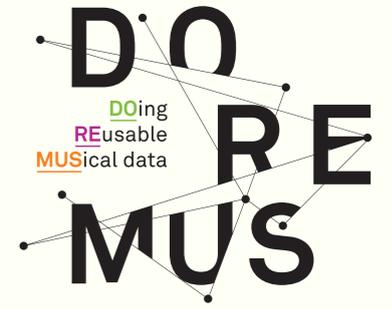


PC14



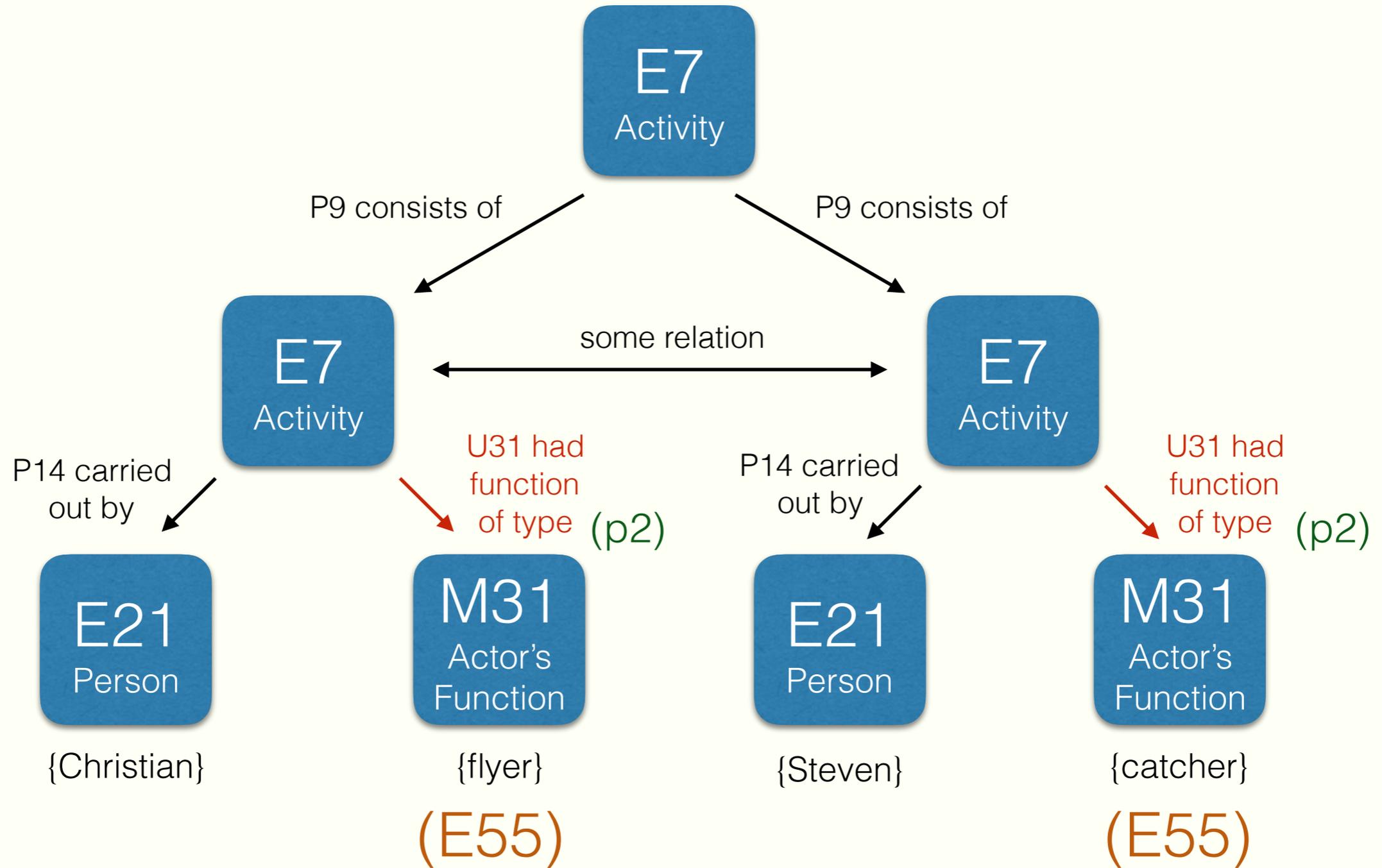
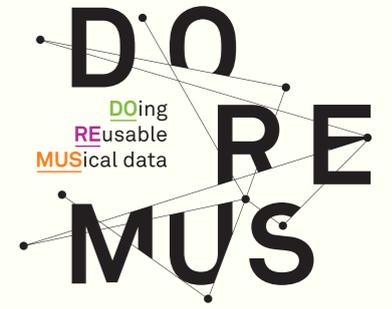
CRM pattern

PC14



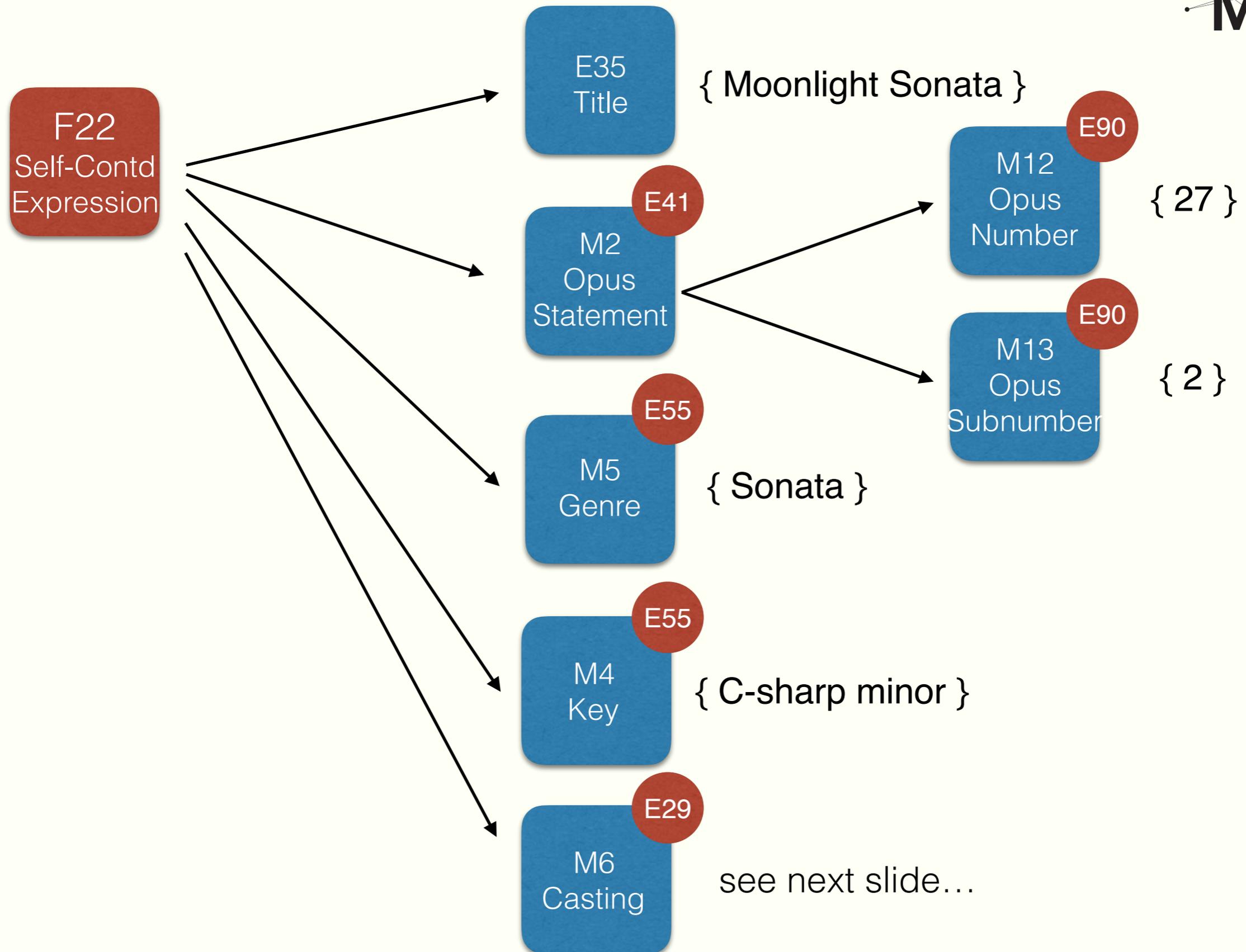
RDF translation of the CRM pattern

PC14



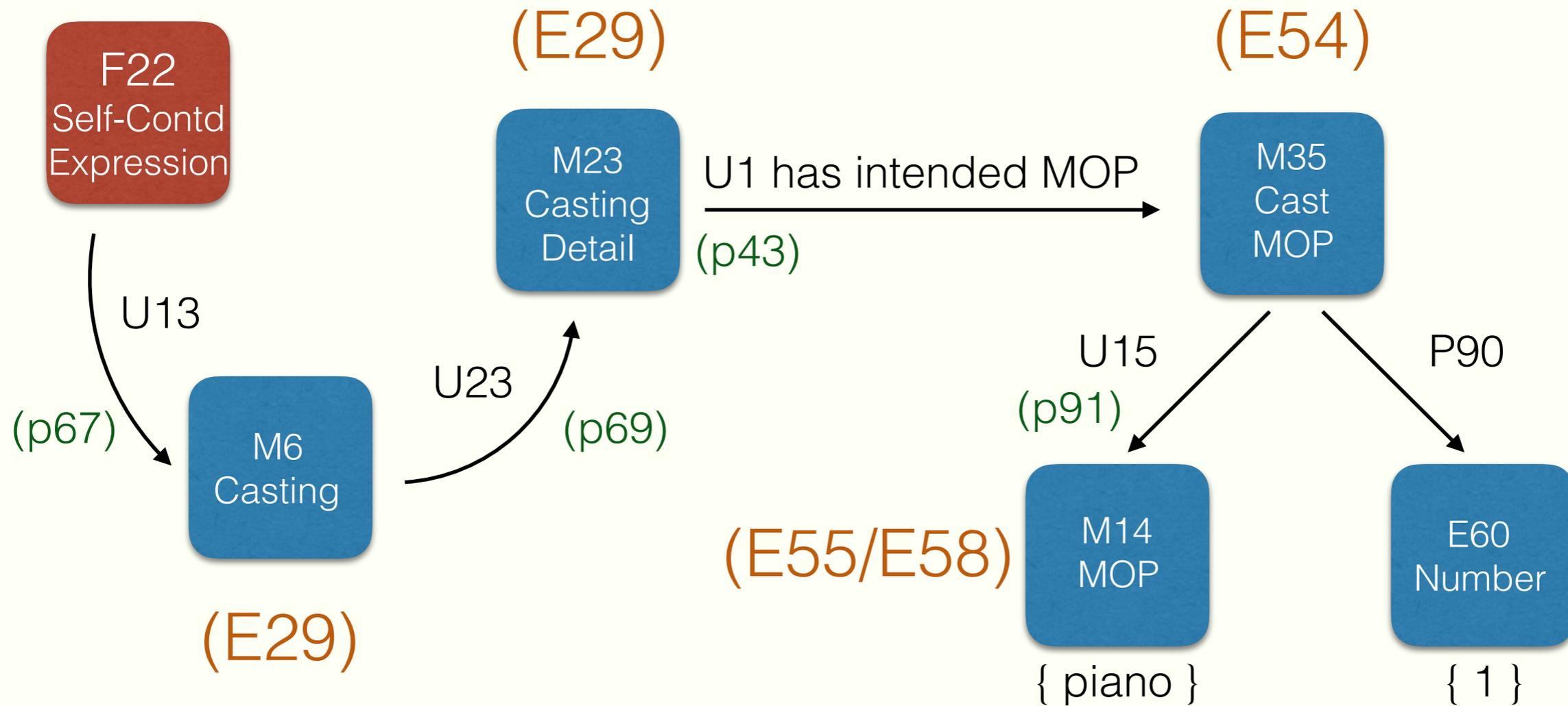
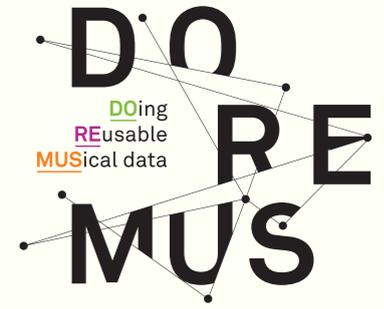
Doremus model

Description of a work, 1



Description of a work, 2

Instrumental & Vocal Distribution



U13 : has intended casting

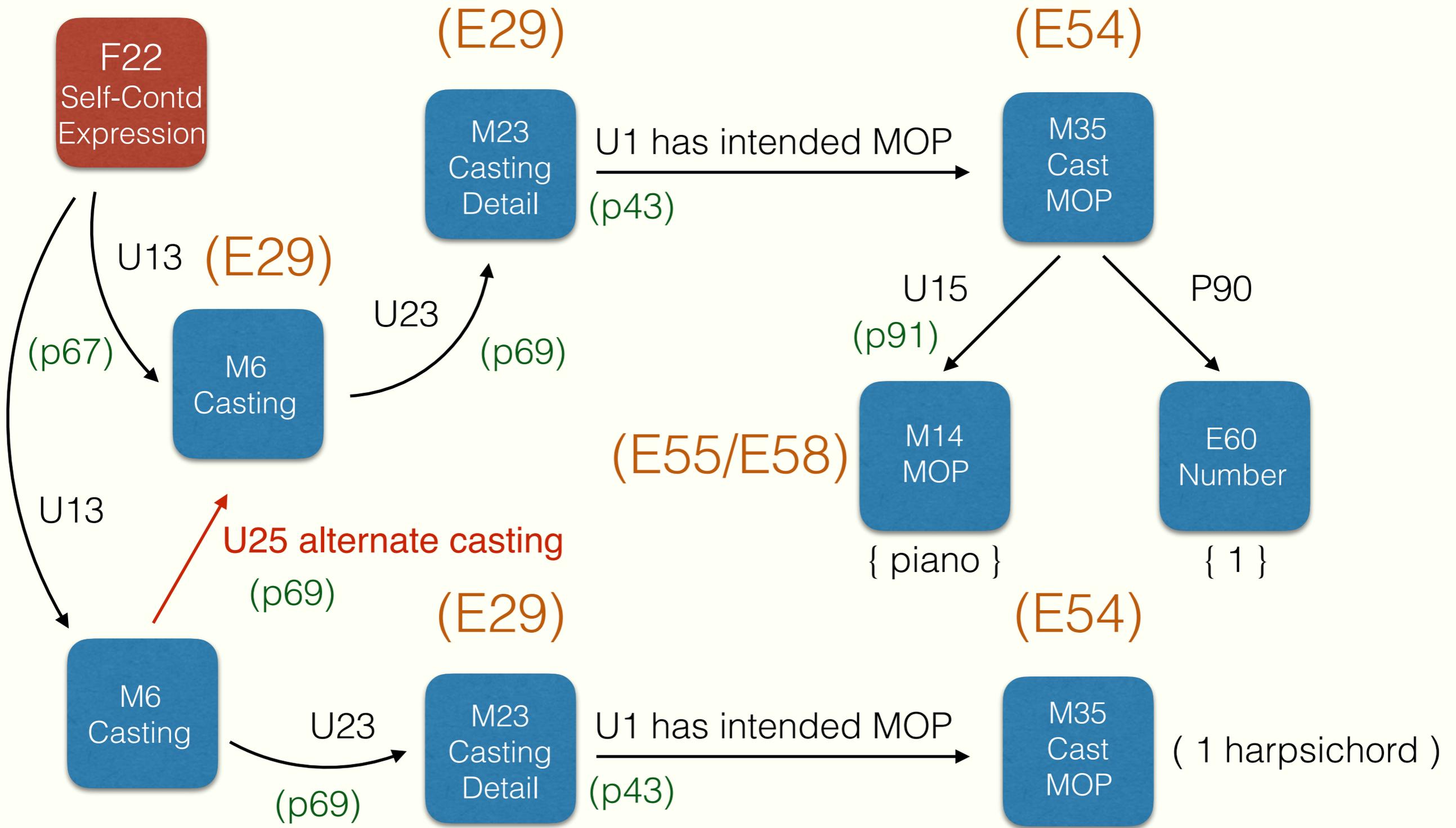
U23 : has casting detail

U1 : has intended medium of performance

U15 : has medium of performance

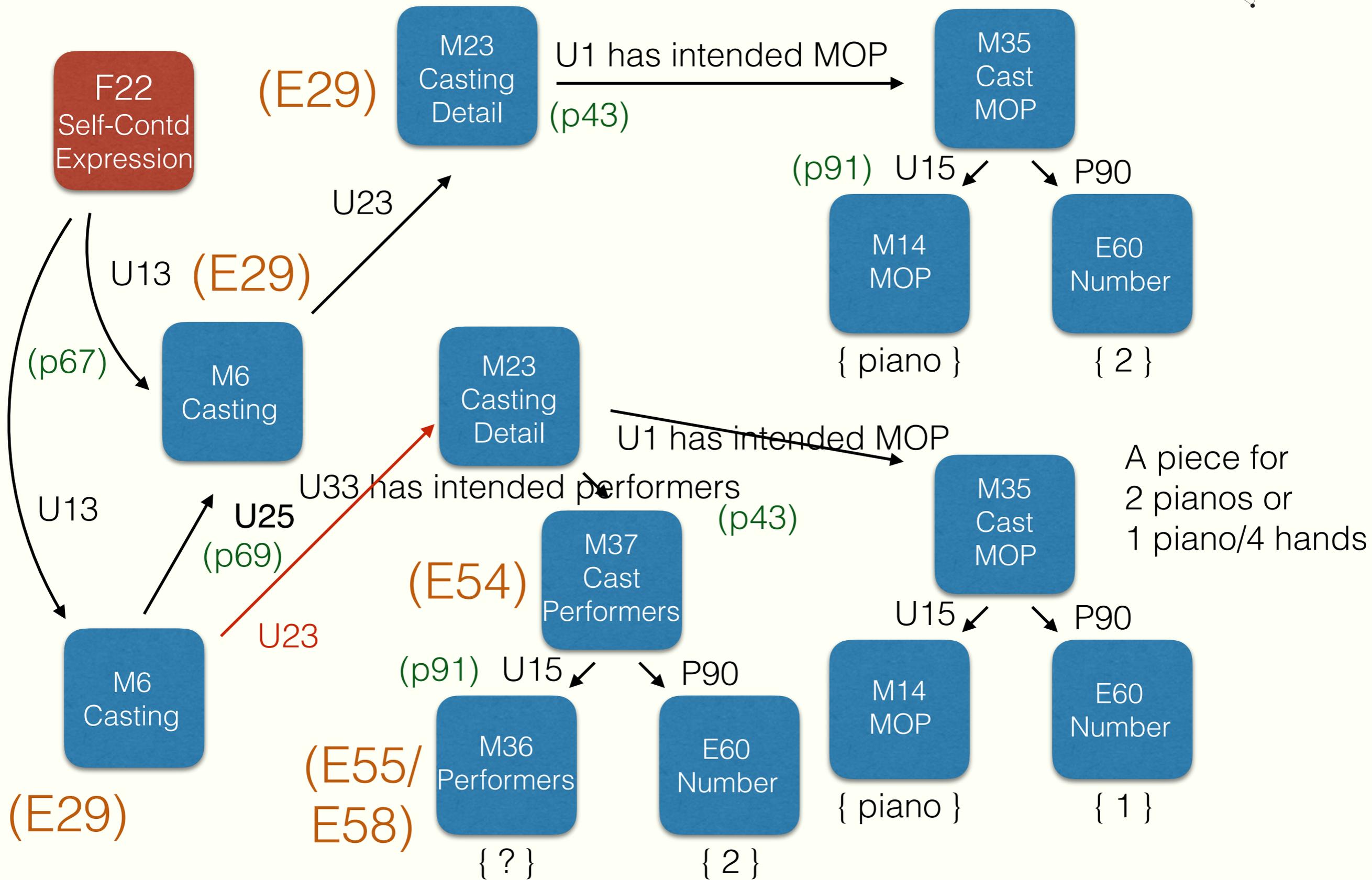
Description of a work, 3

Alternate Distribution

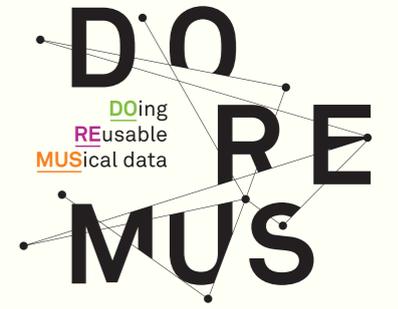


Description of a work, 4

Alternate Distribution + Nb Performers



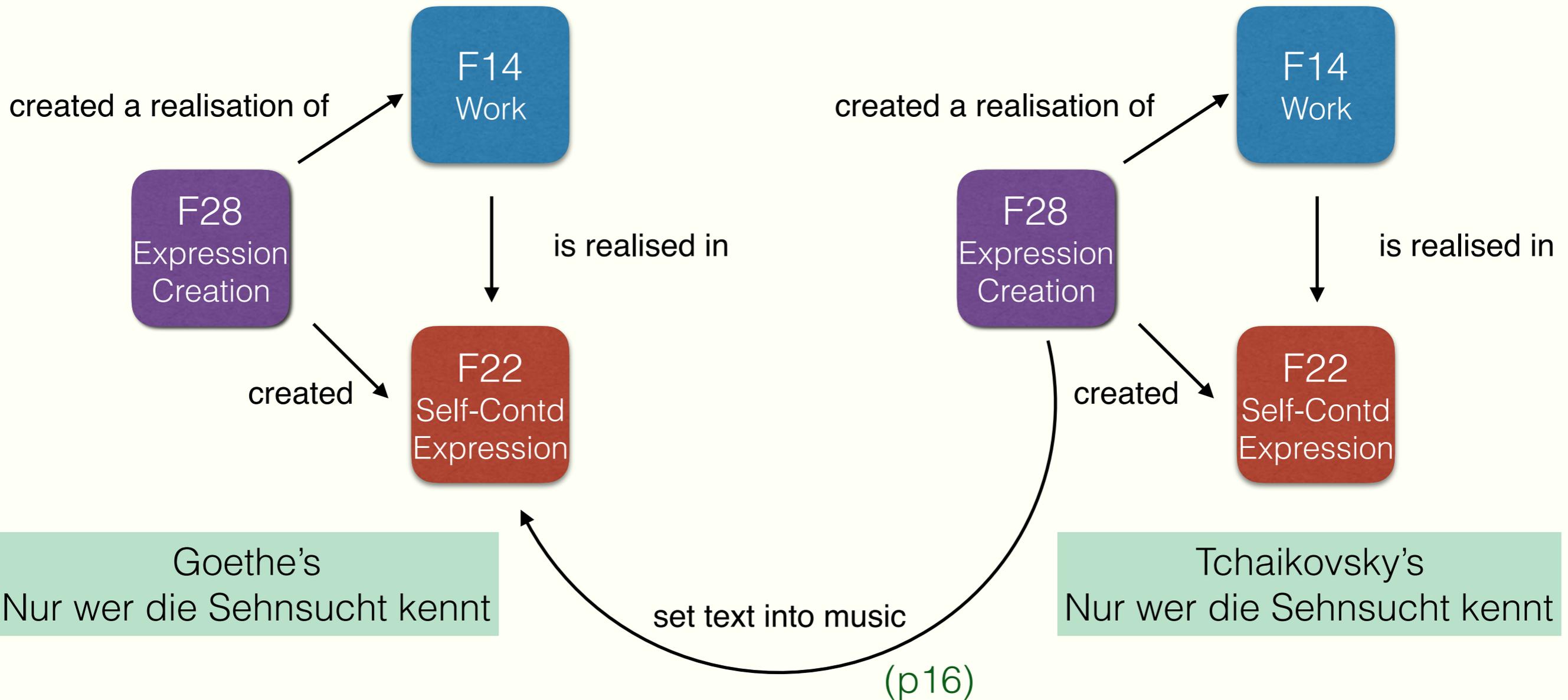
Description of a work, 5 Mixing various Expressions



(A melody based on a poem)

Poem

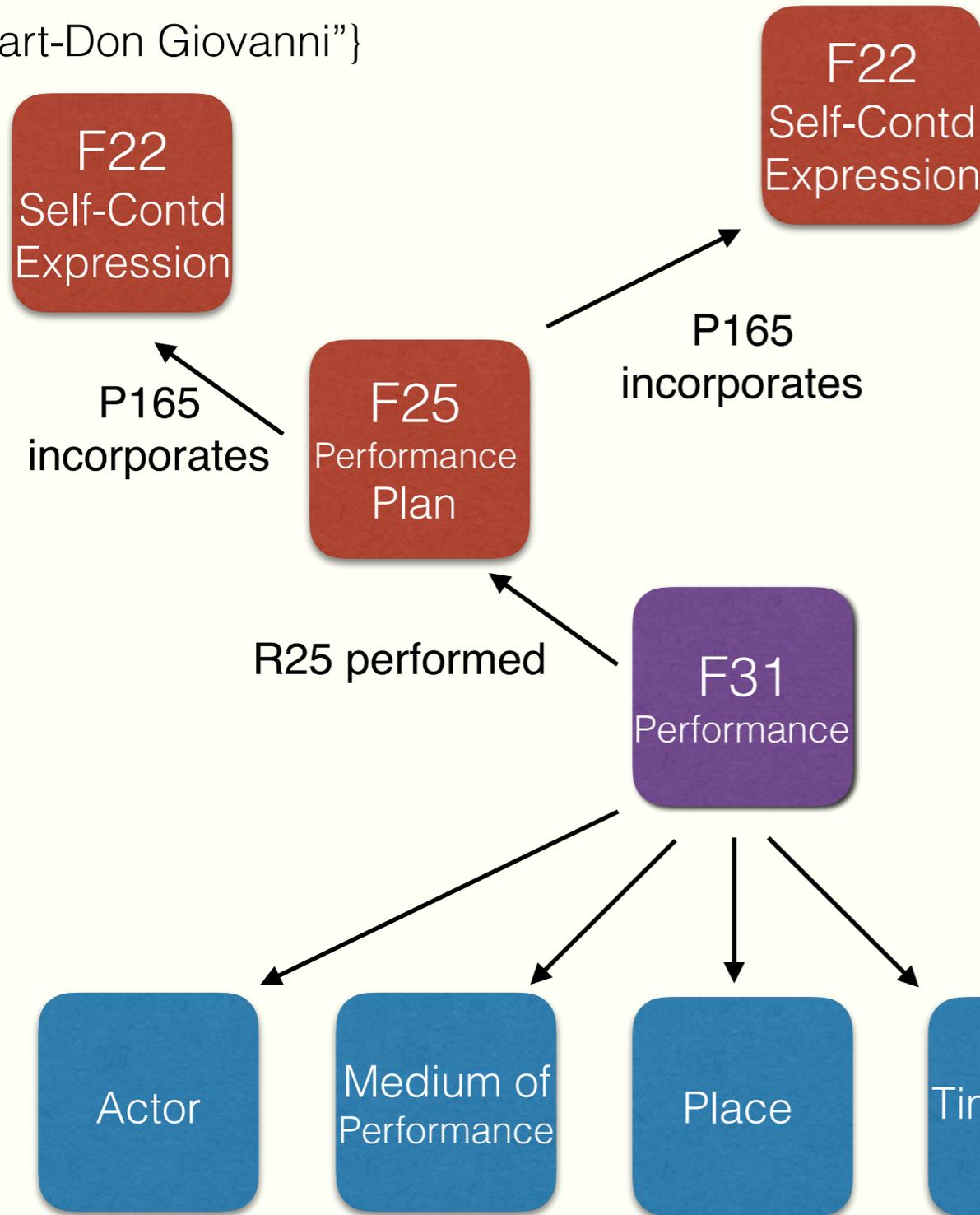
Music



Description of a performance, 1



{“Mozart-Don Giovanni”}



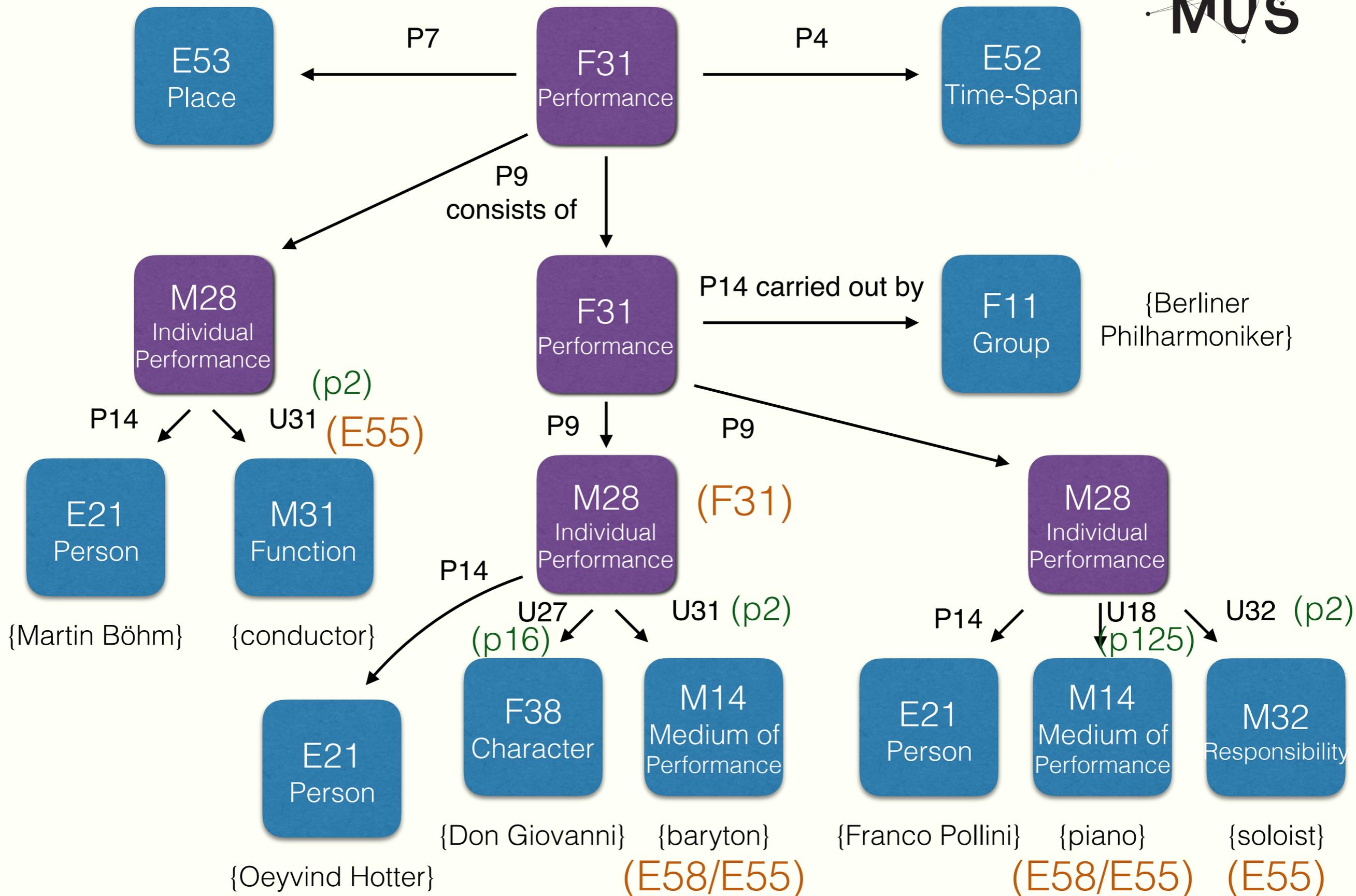
{“Peter Sellars Direction”}

Work

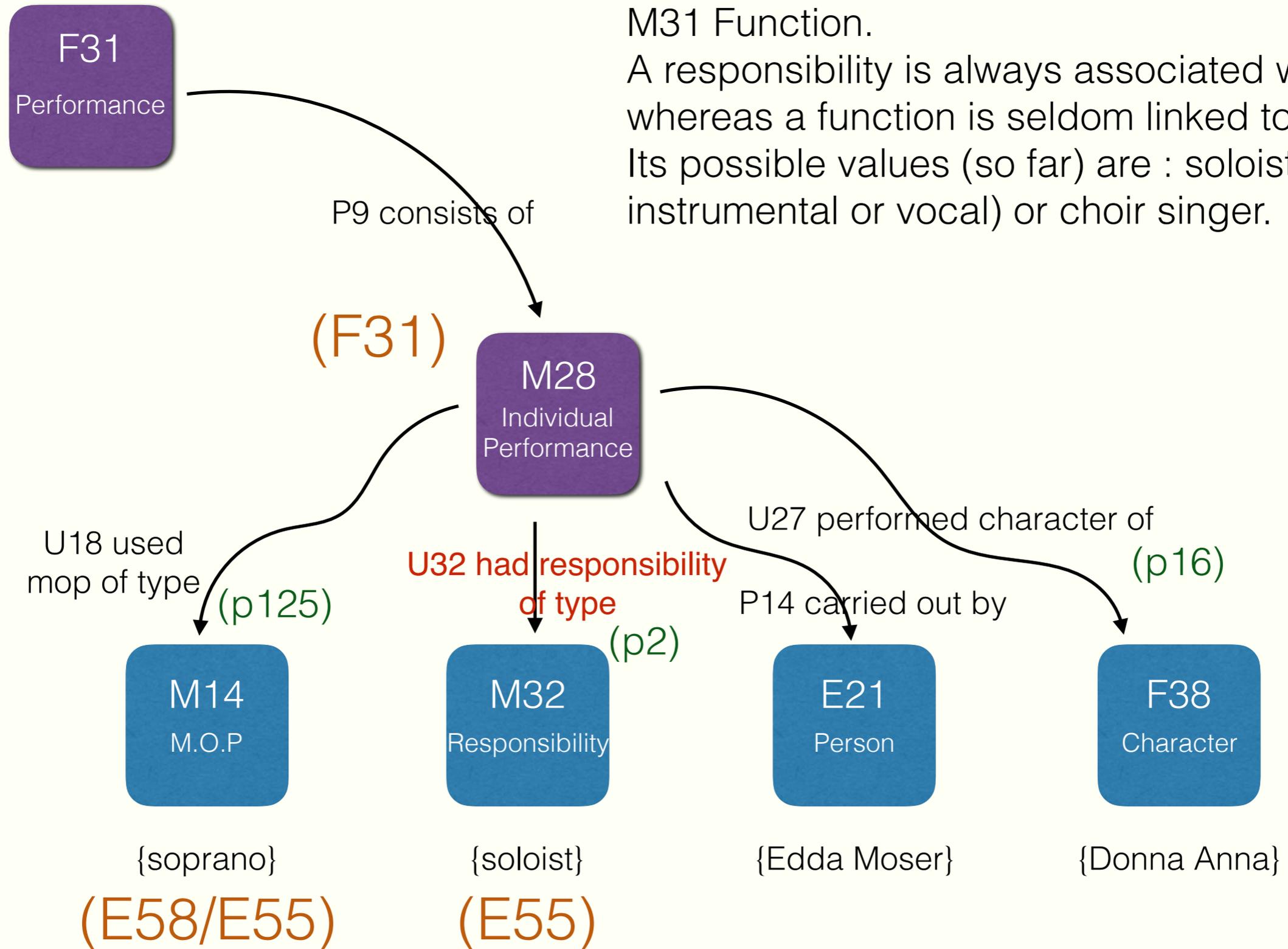
Basic construct of the performance. We generally do not have much to say about the Performance Plan, but technically, this is where we can assemble the various components of a performance, e.g. music expression, choreography, direction (mise en scène), and all the expressions involved.

Description of a performance, 2

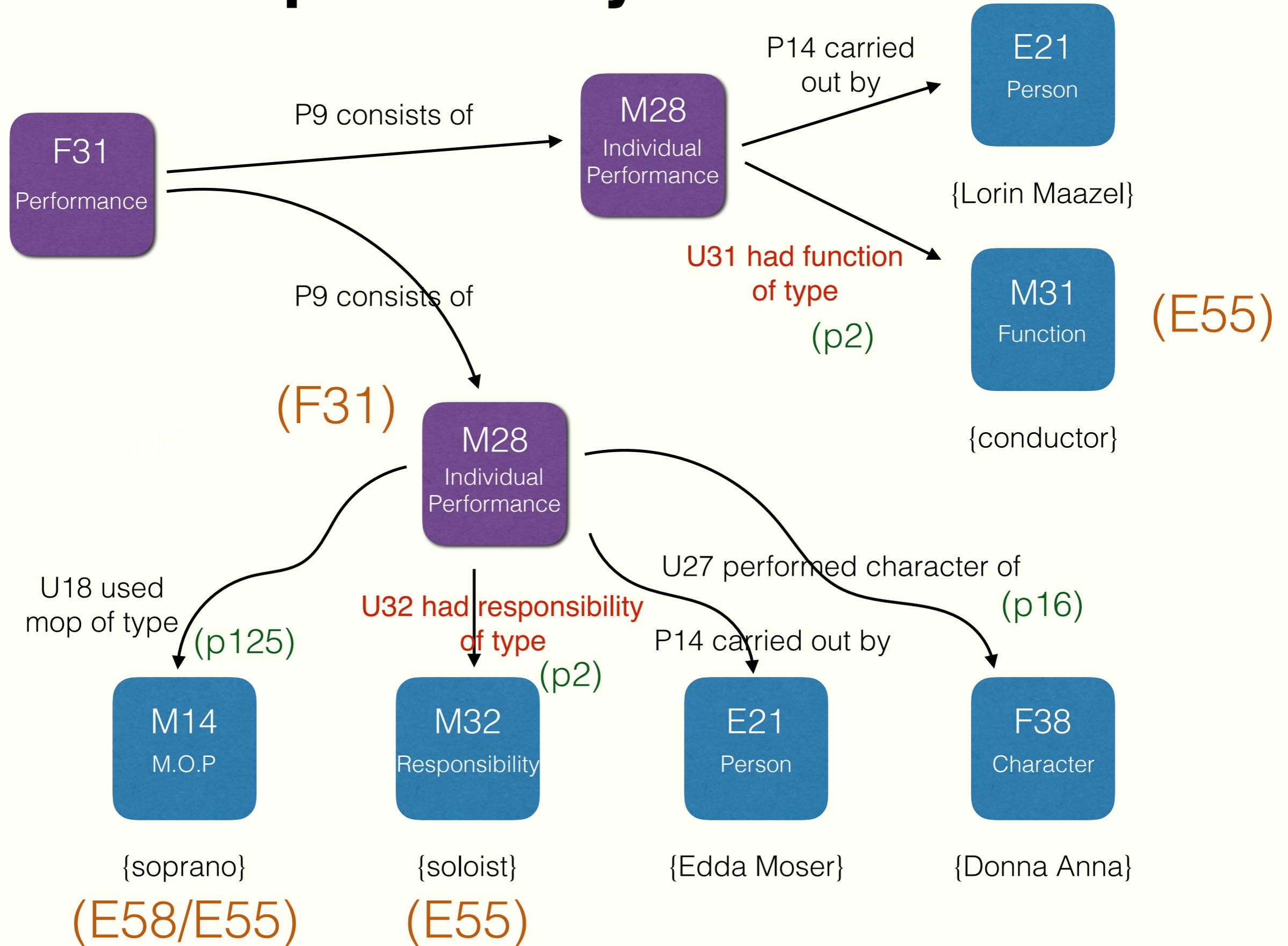
Nesting performances



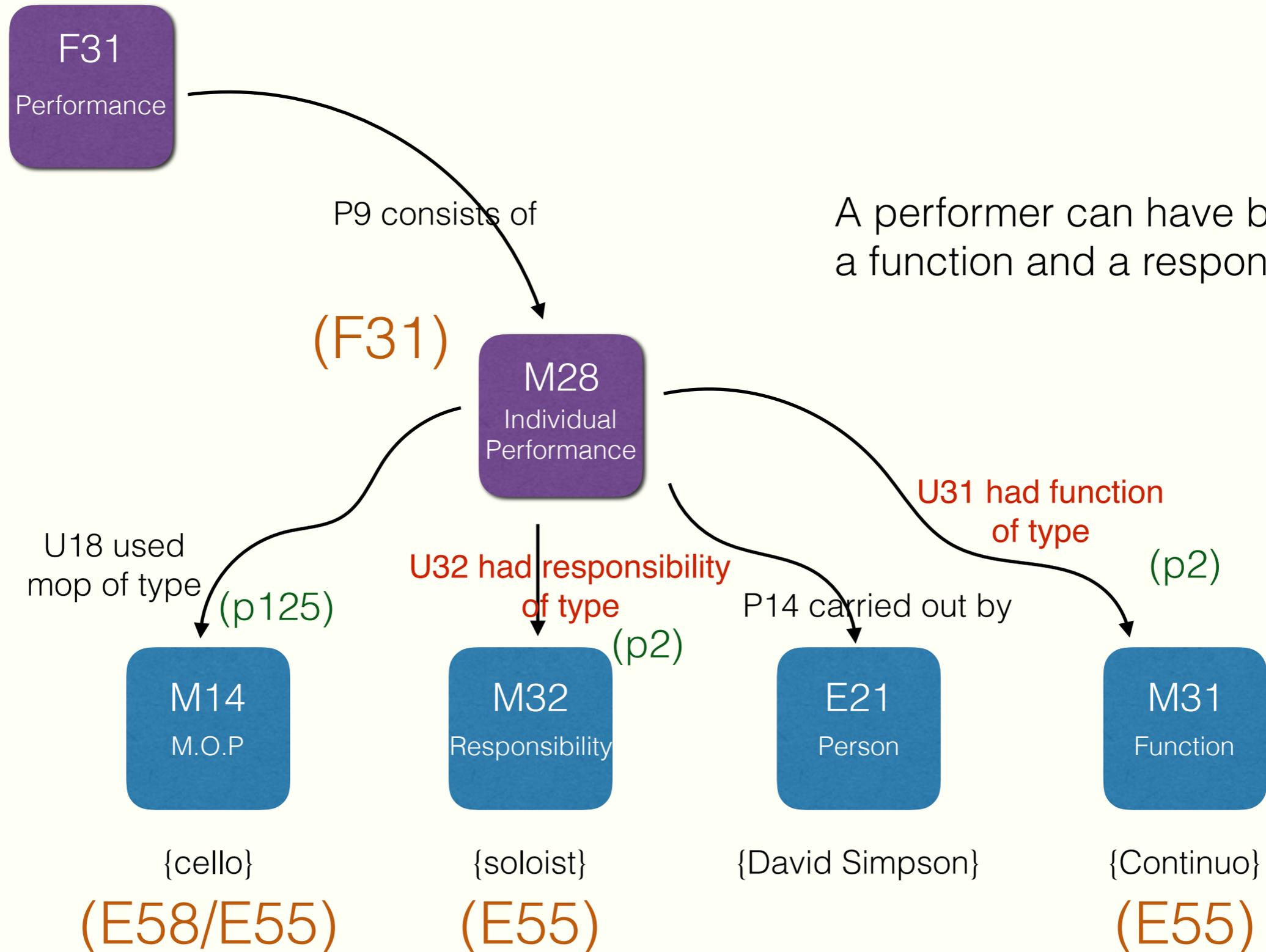
Responsibility



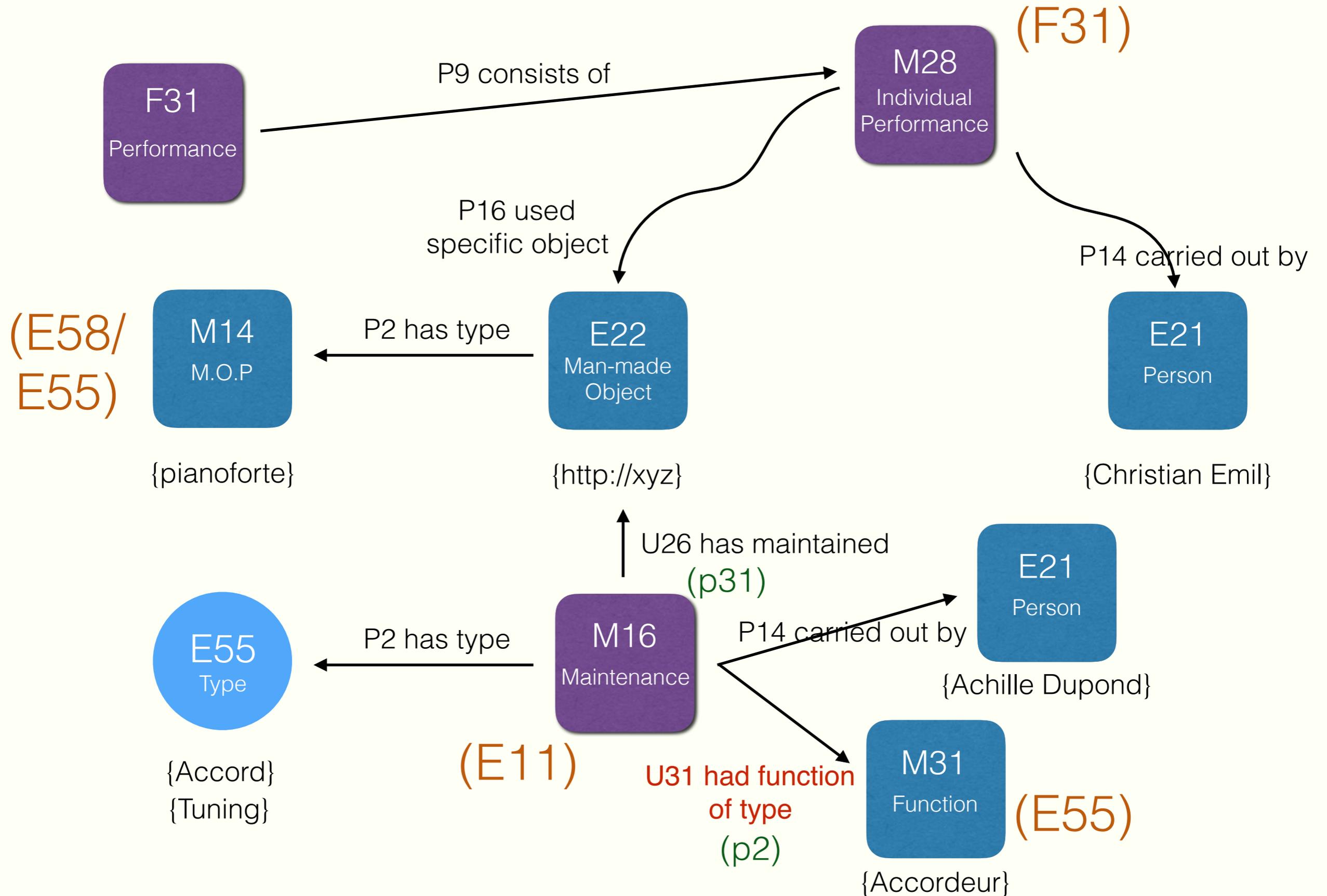
Responsibility / Function



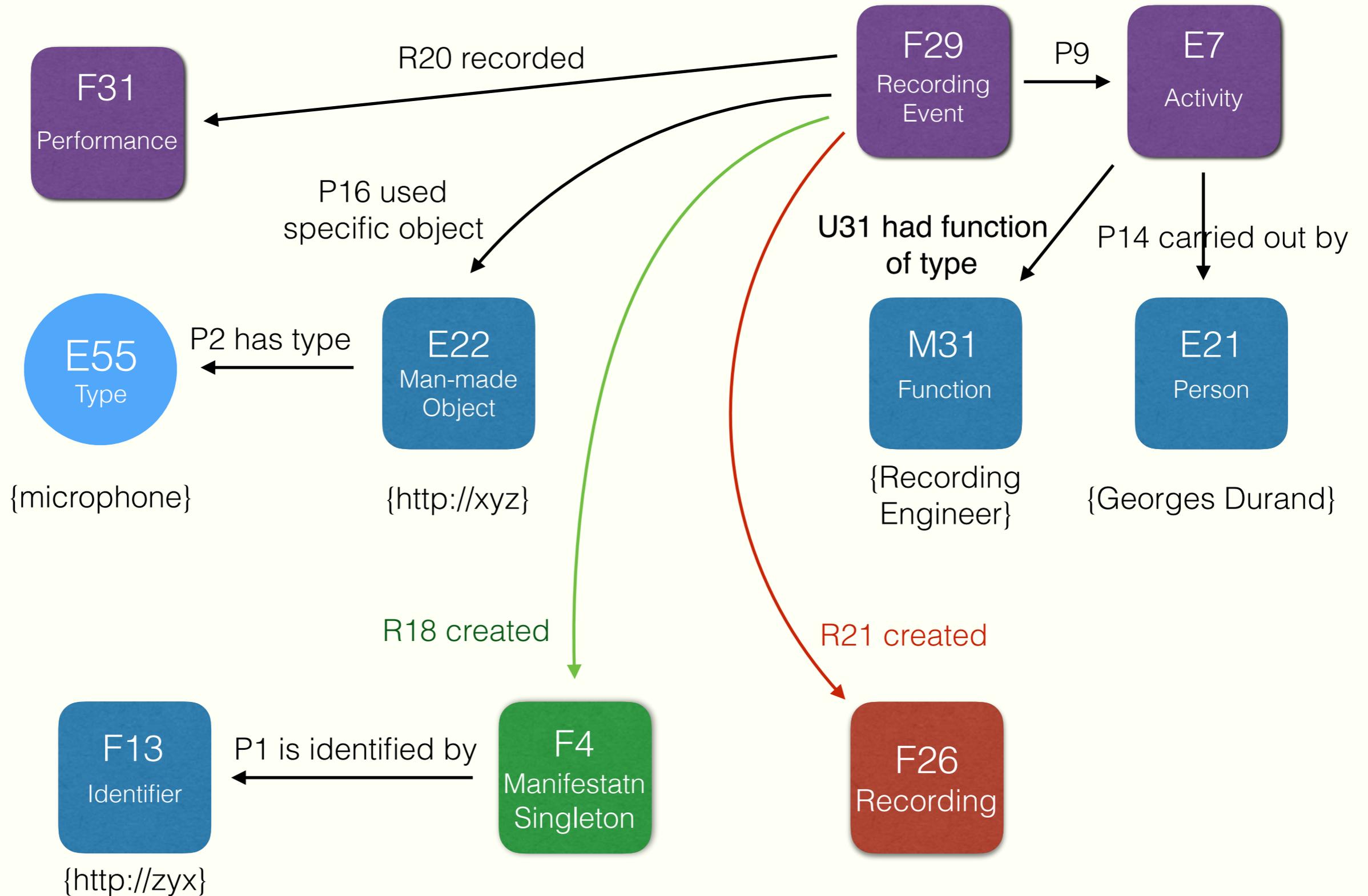
Responsibility + Function



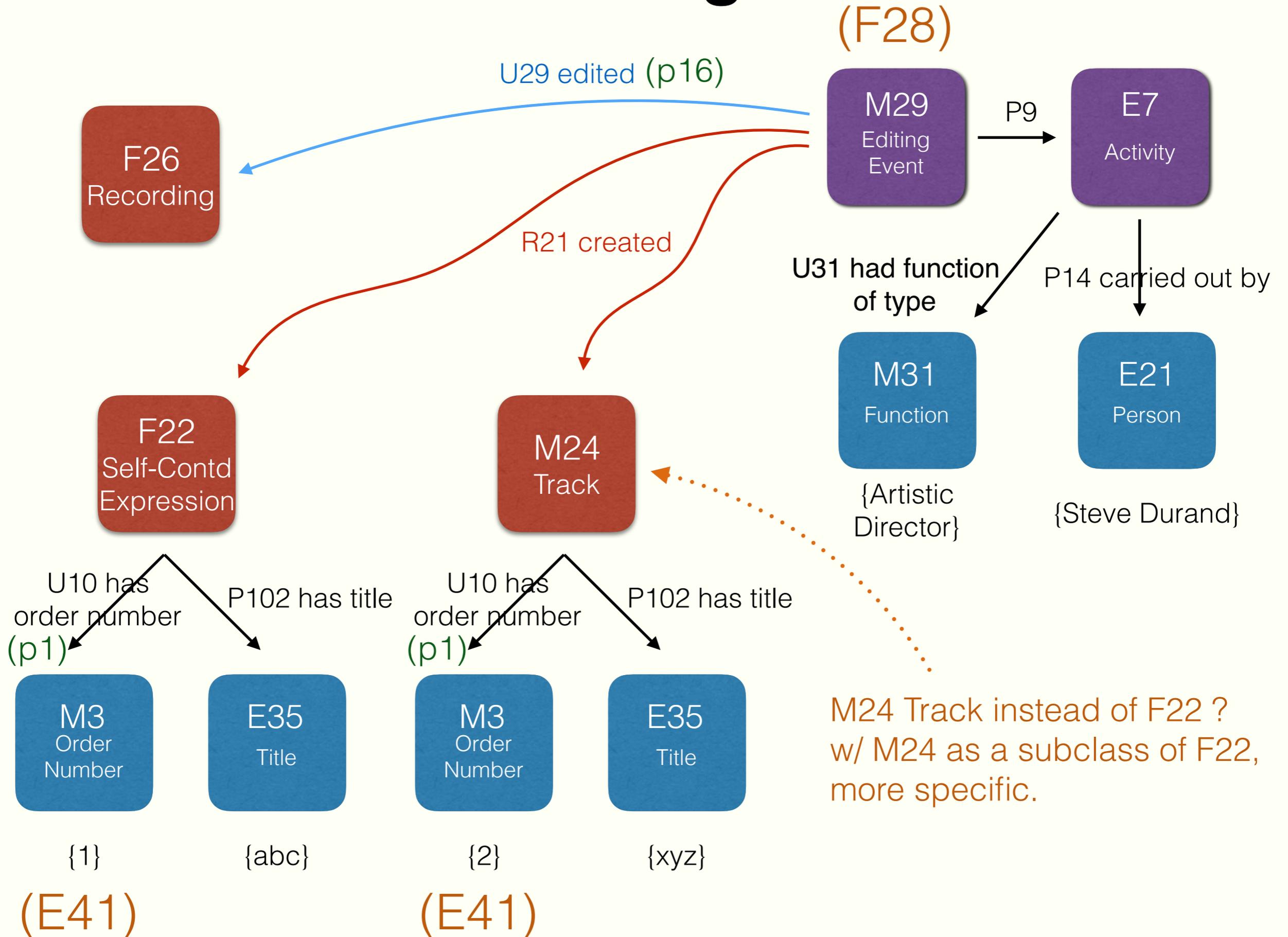
Specific Instrument, Maintenance



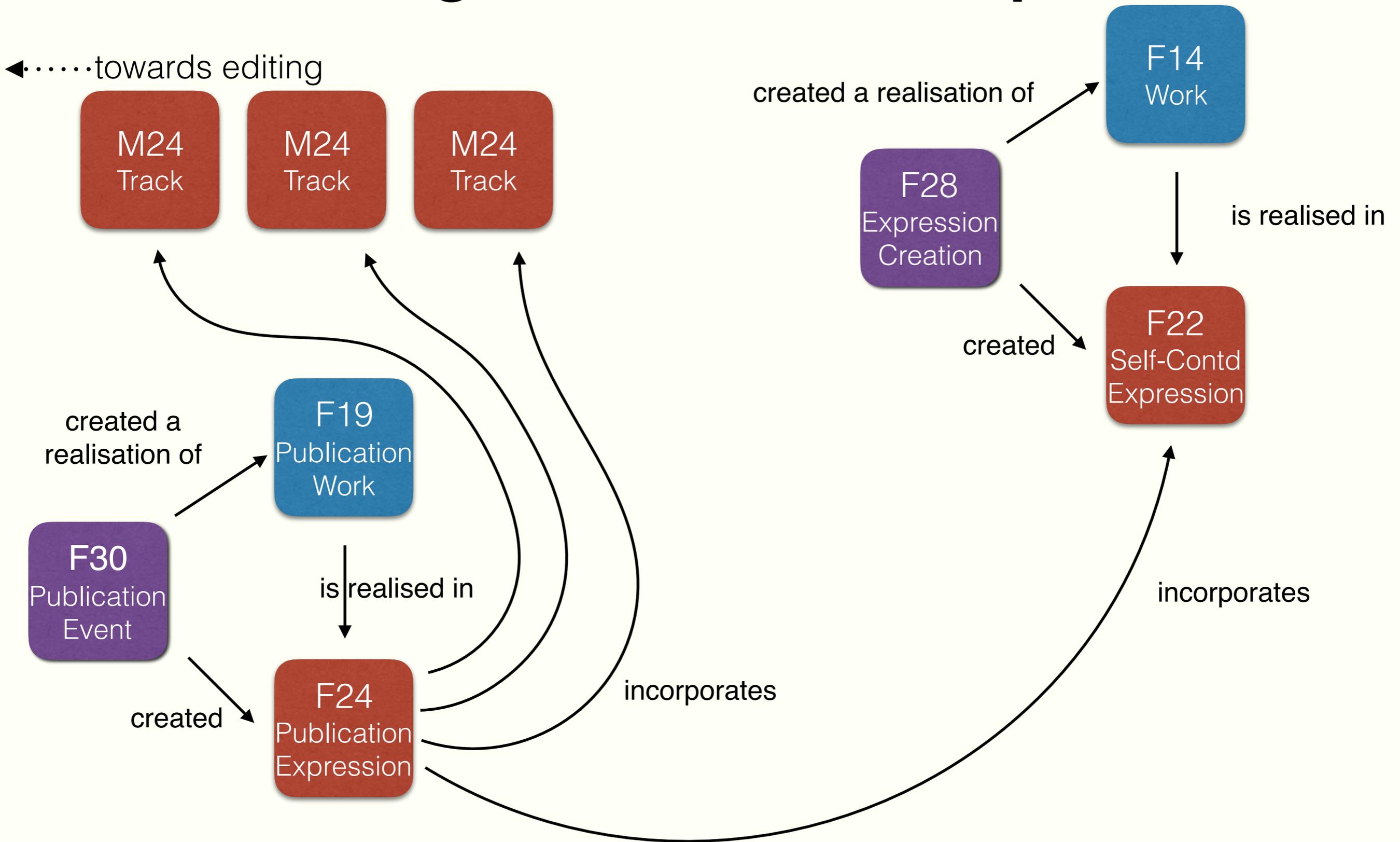
Recording



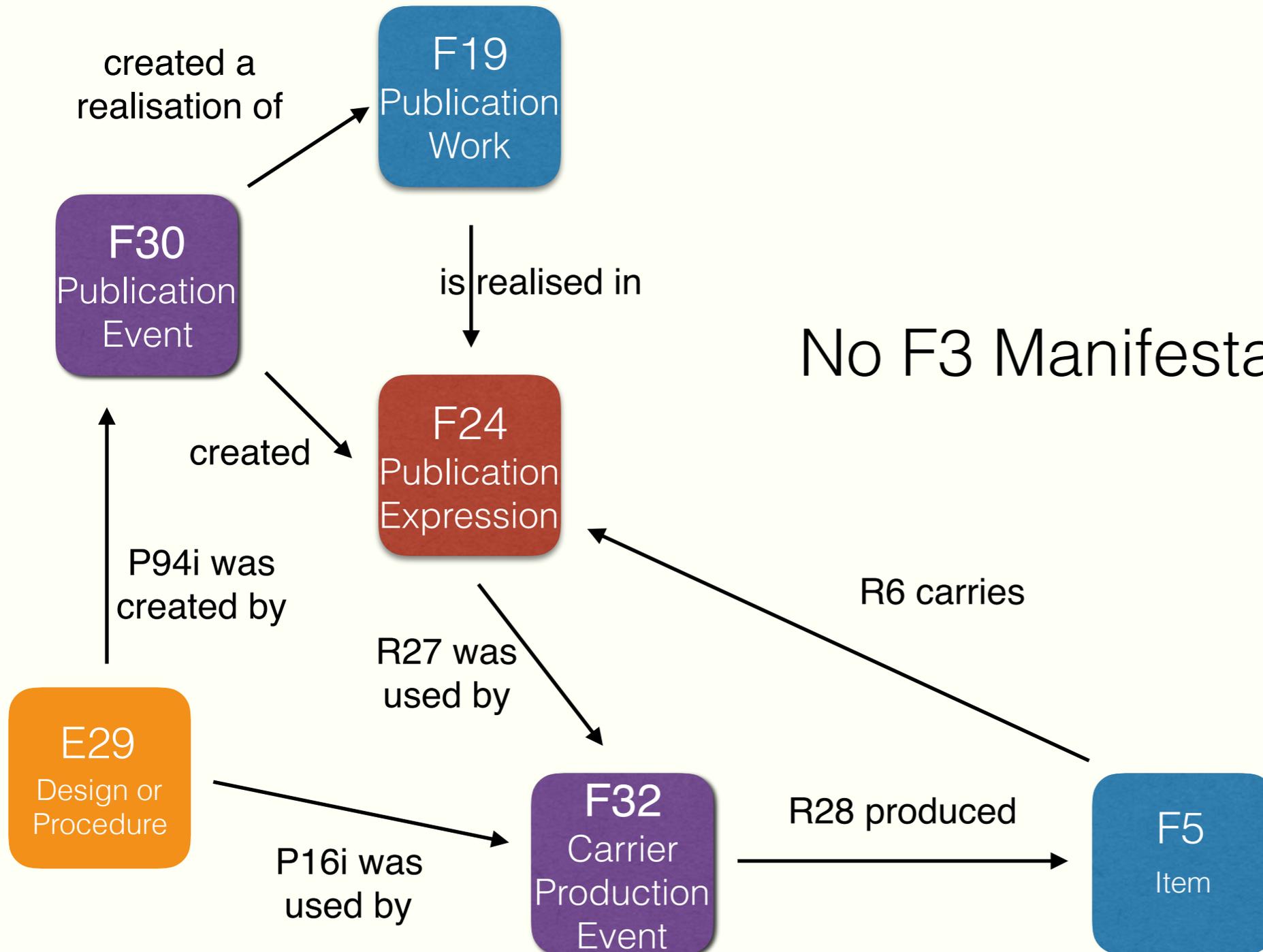
Editing



Publishing, 1: Publication expression

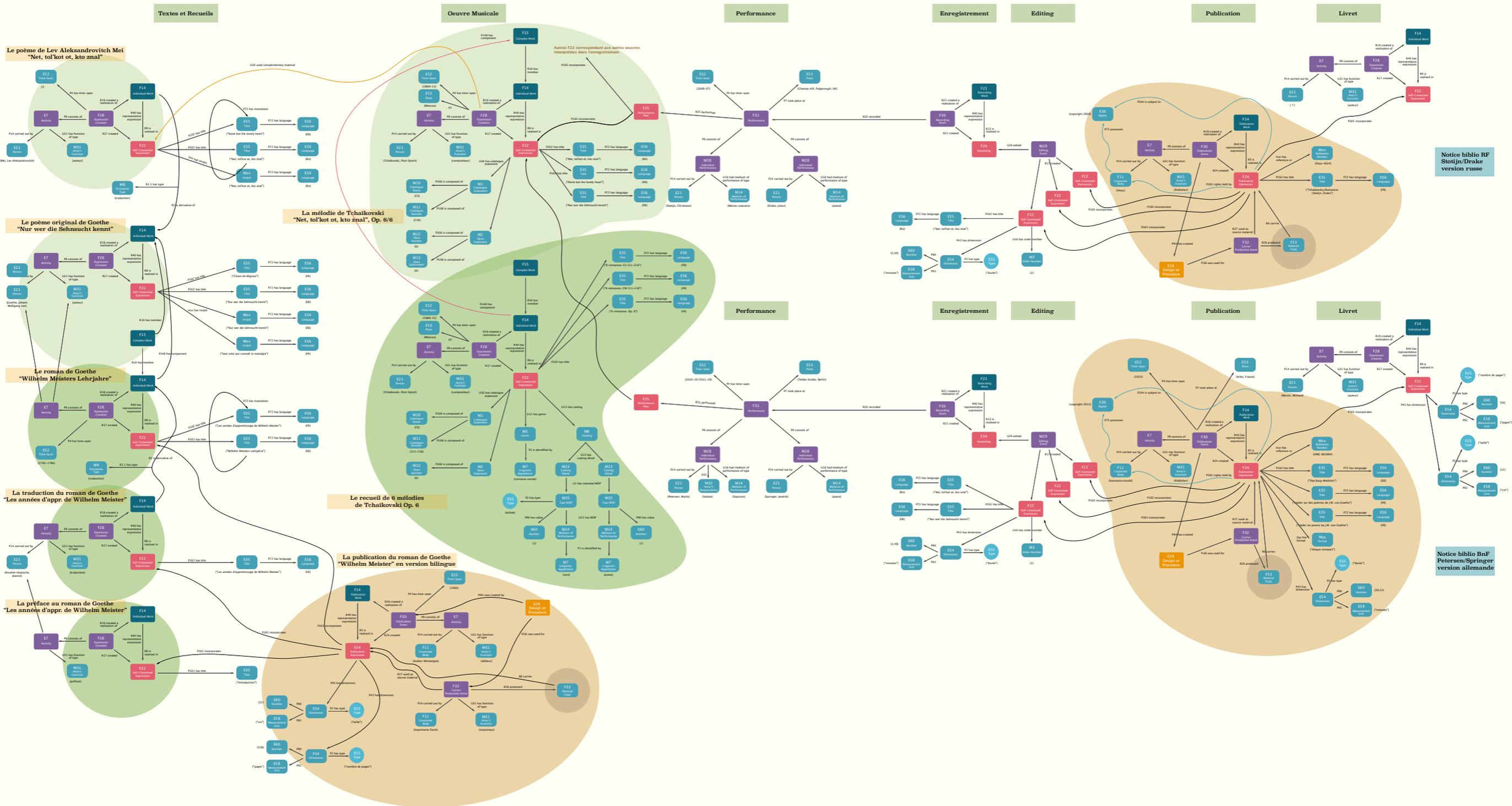


Publishing, 2 : Item



No F3 Manifestation Product Type !

All together now: “Nur wer die Sehnsucht kennt”



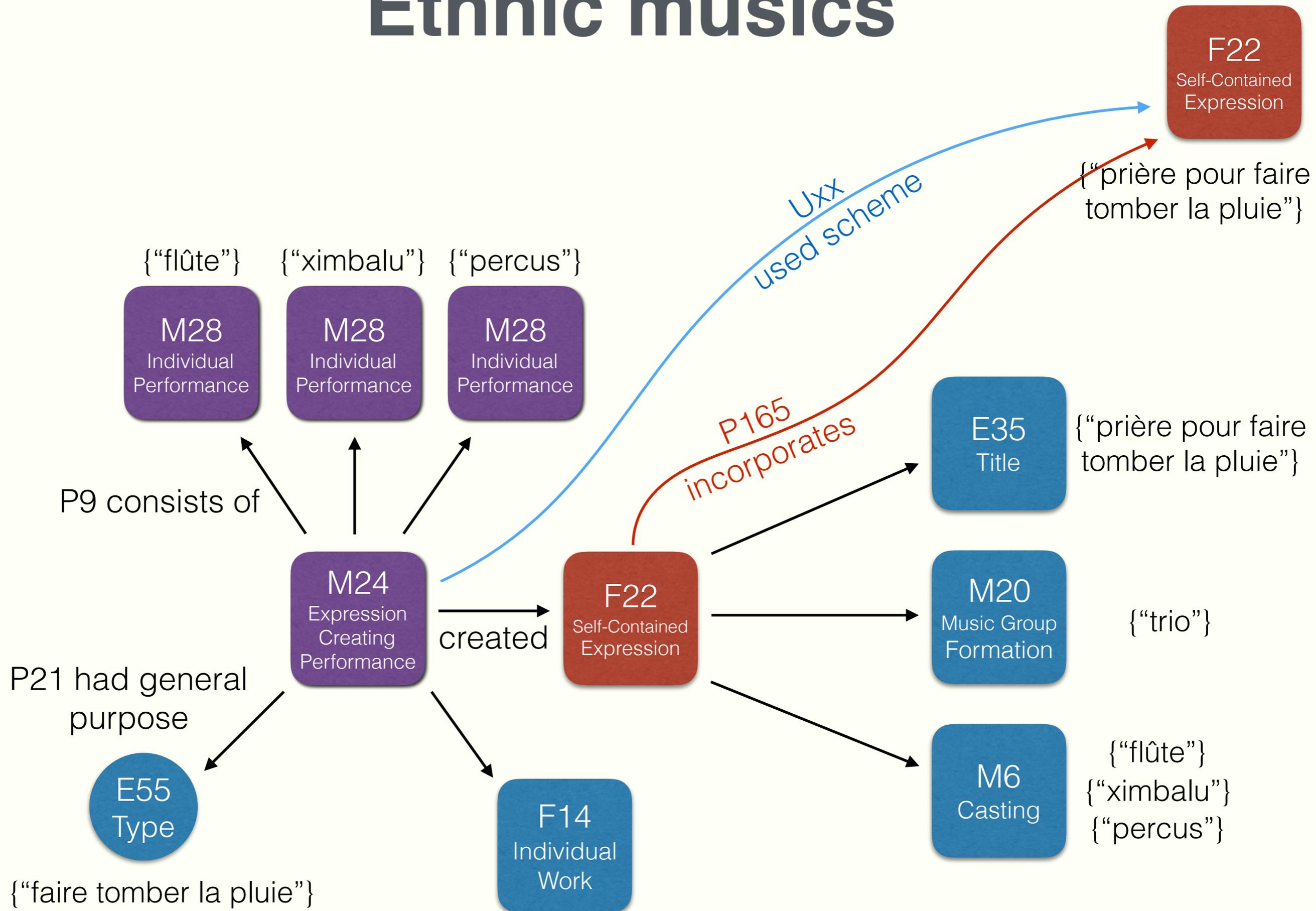


New challenges
New problems
New options

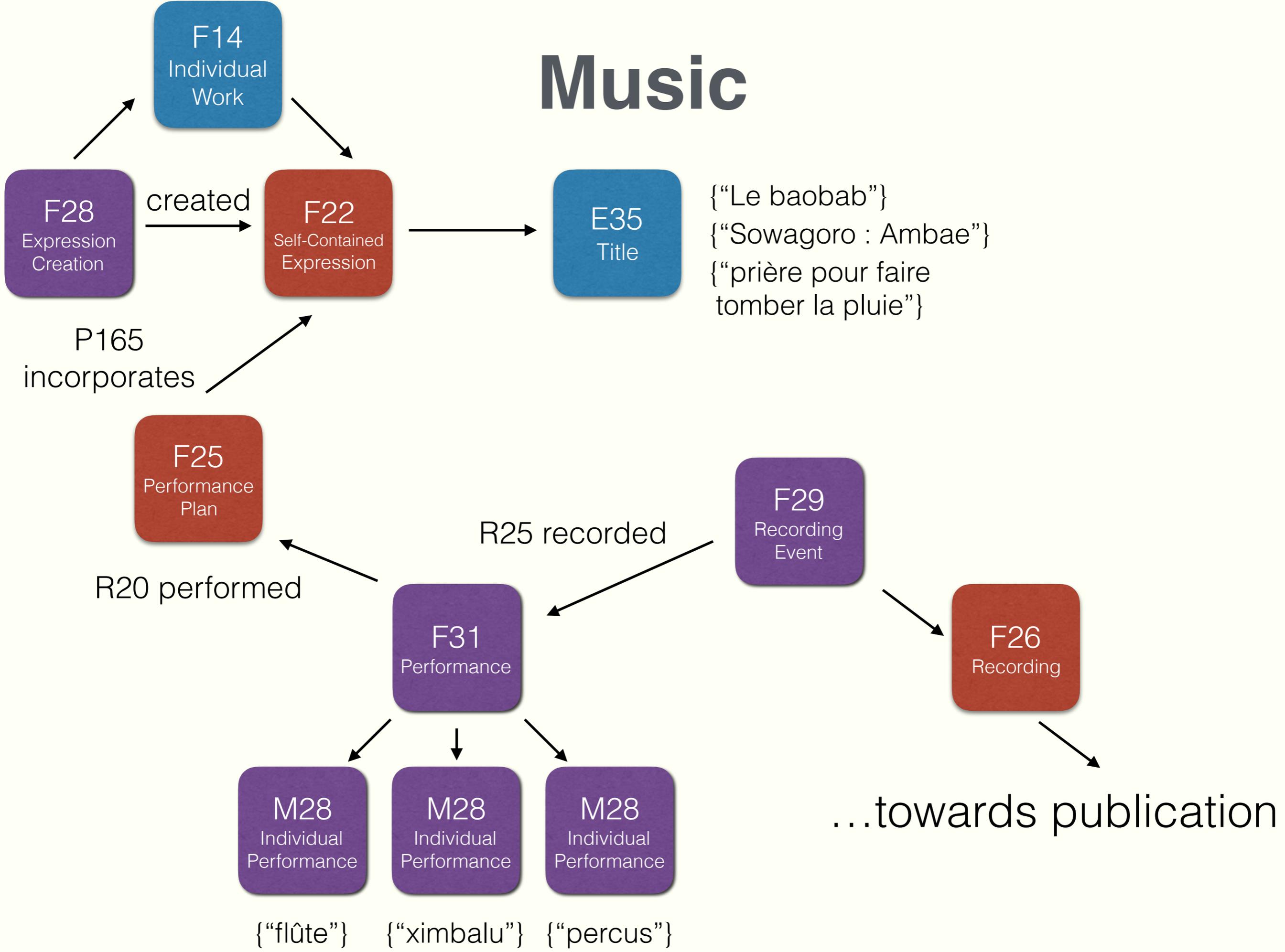


Ethnic & Traditional Musics

Ethnic musics



Music



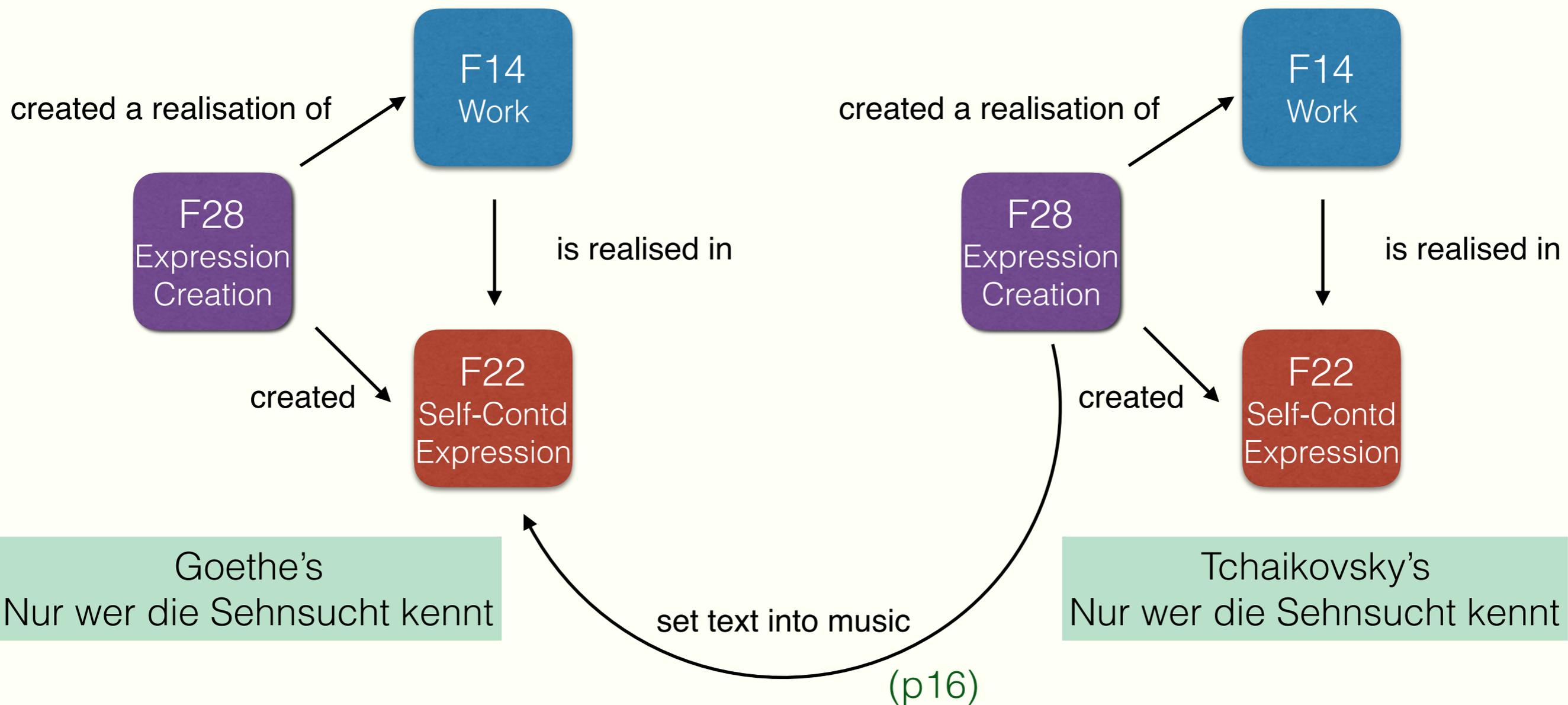
Text & Music

Text & Music (who is first?), 1

(A melody based on a poem)

Poem

Music

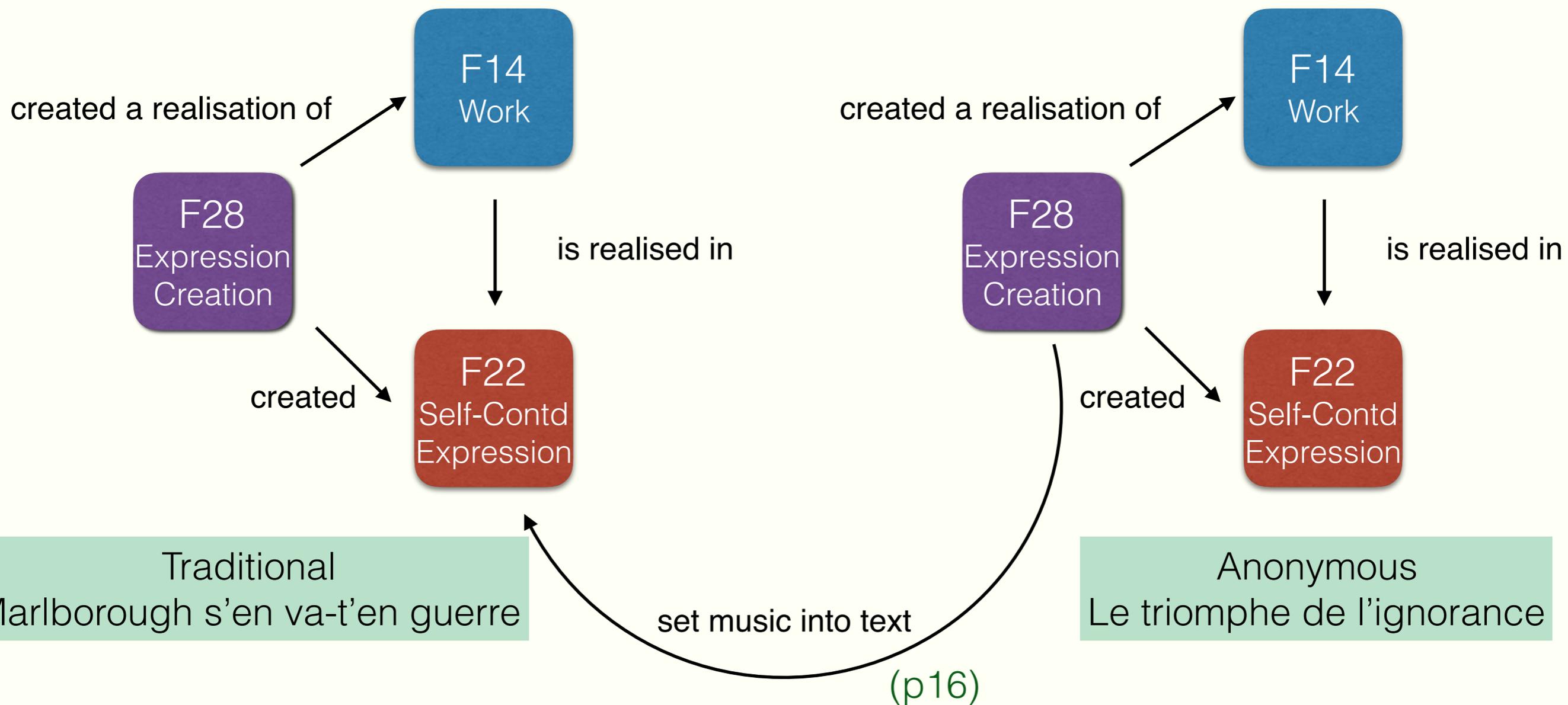


Text & Music (who is first?), 2

(A “timbre”, text set into an existing music)

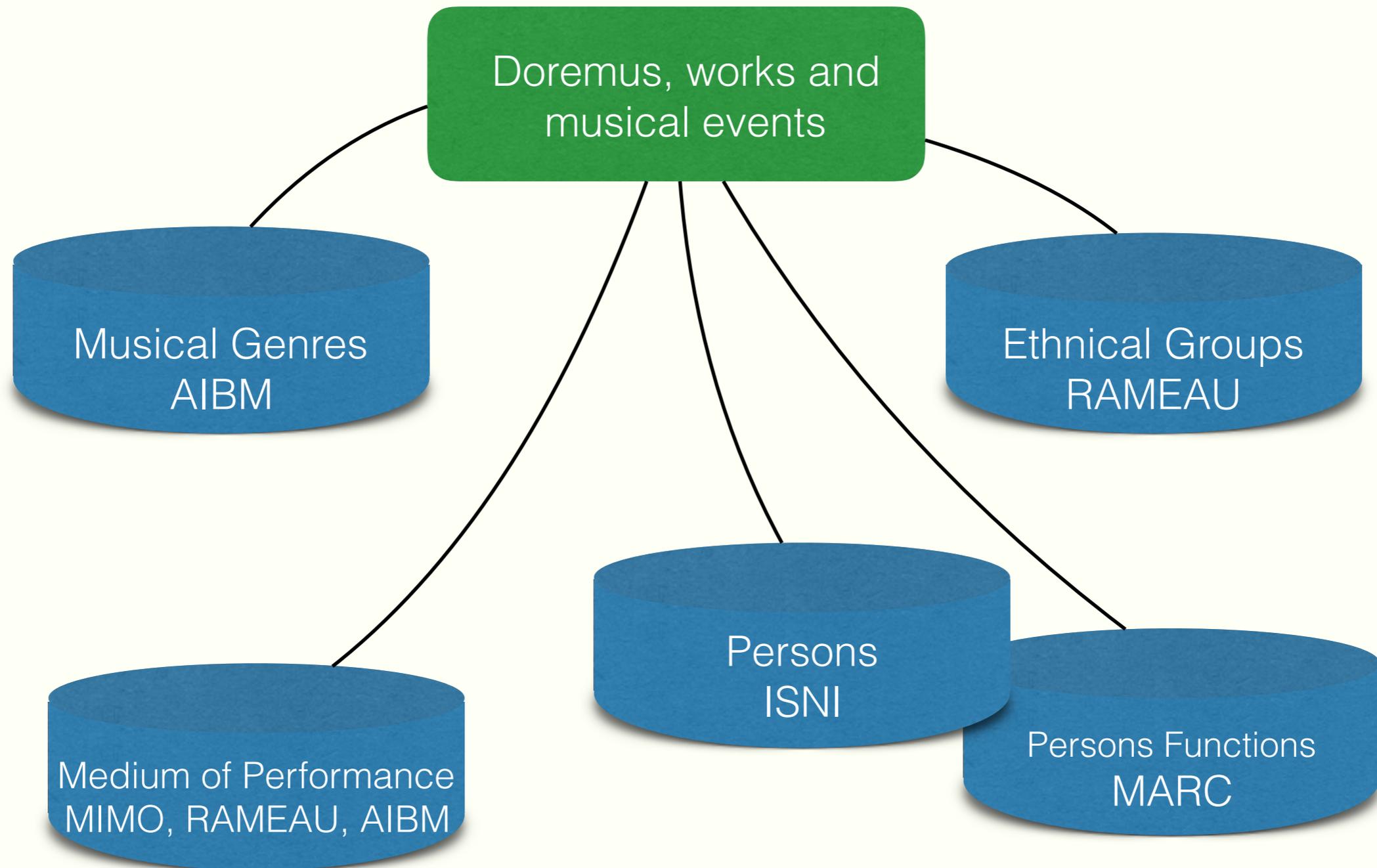
Music

Text

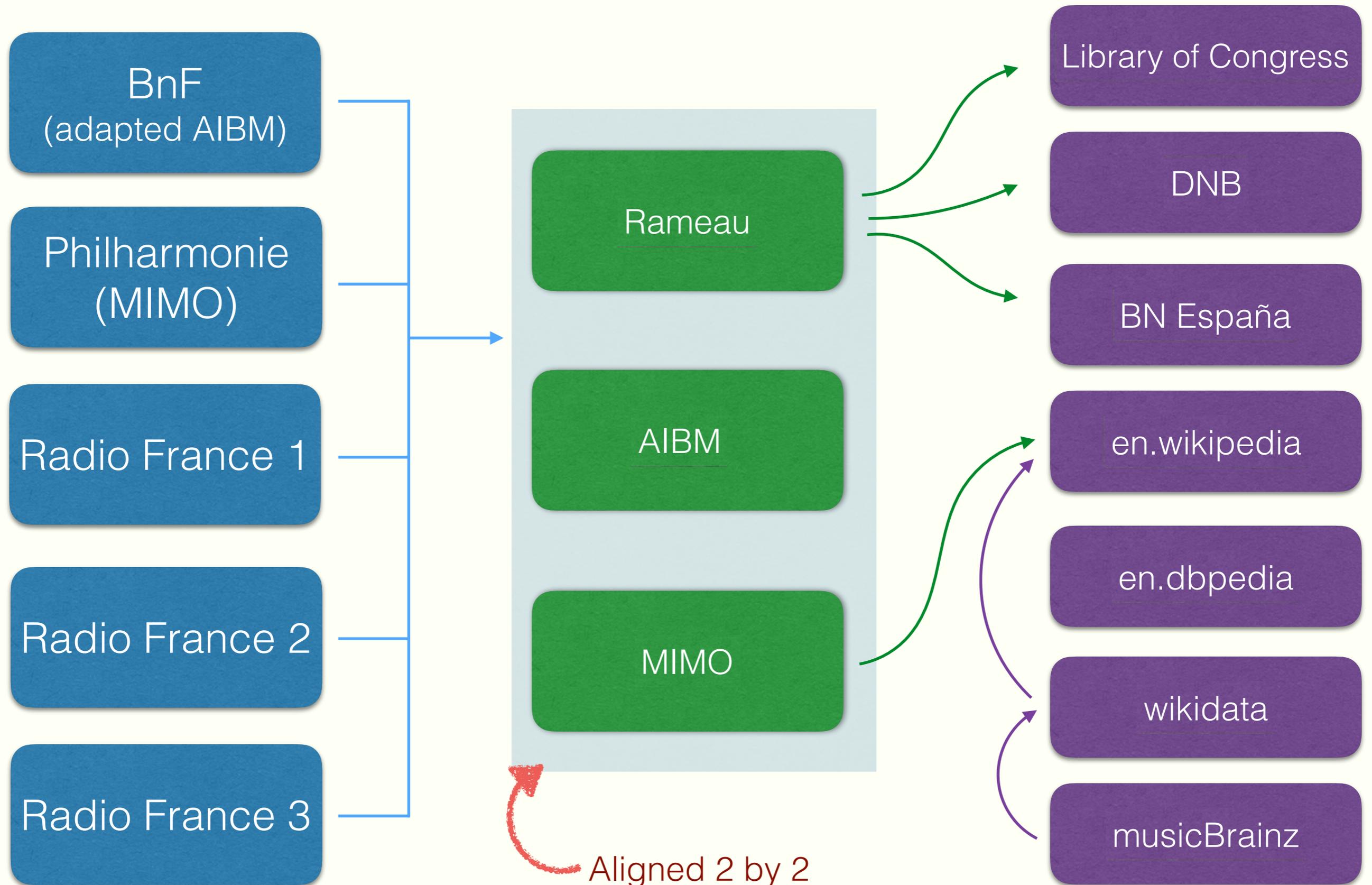


Controlled Vocabularies

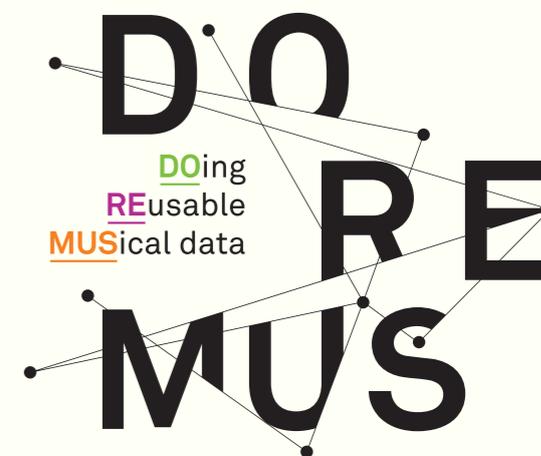
Existing controlled vocabularies



Controlled vocabularies for medium of performance



Doremus Controlled Vocabularies



Derivations

Modes

Types of titles

Keys

When multilingual controlled vocabularies are lacking, they are created as part of the Doremus project.