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http://www.doremus.org

PROJET FINANCÉ PAR L'ANR - PROJECT FUNDED BY THE ANR
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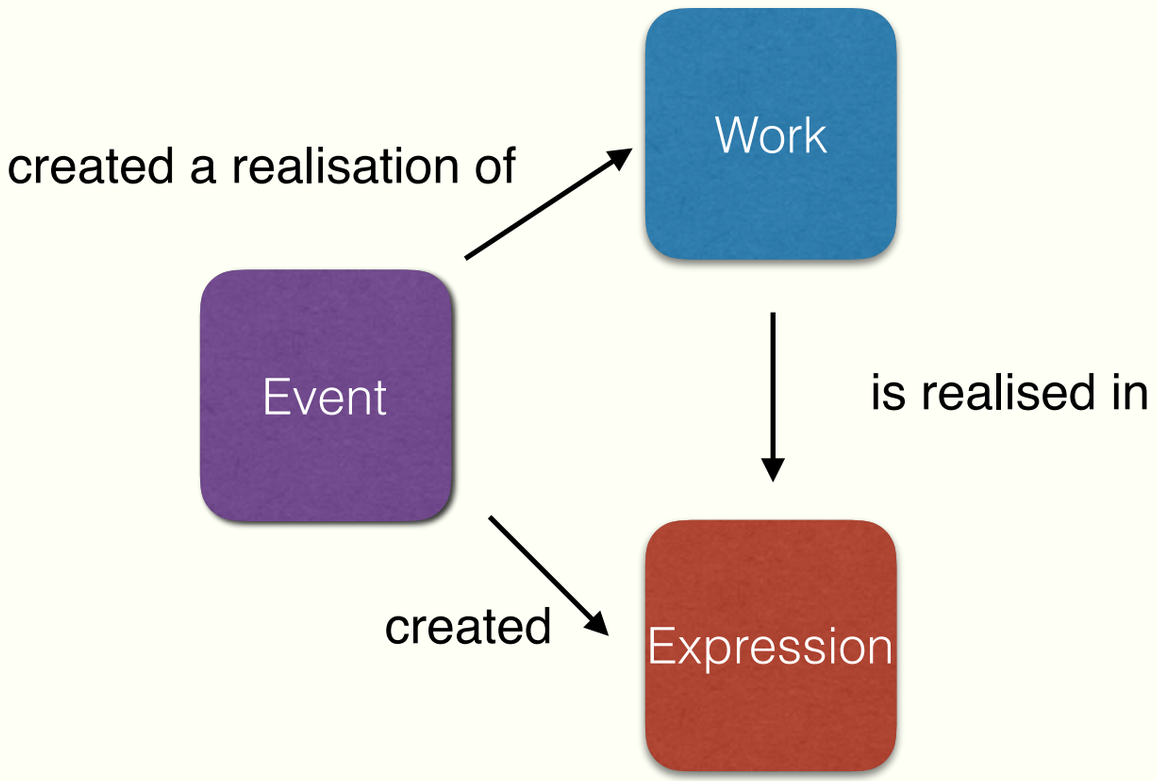
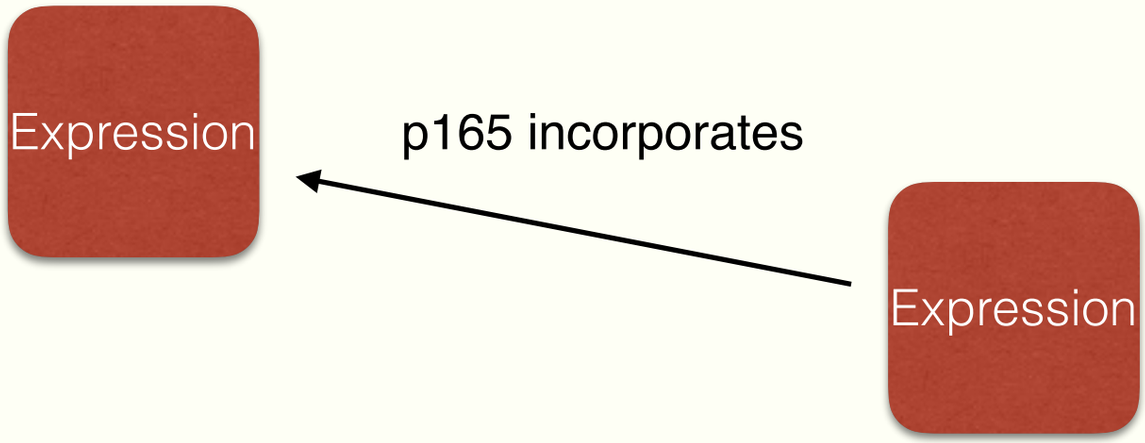
The DOREMUS model, structures

The building blocks (1/3)
Event - Work - Expression



An activity creates an Expression, which is the realisation of a Work

The building blocks (2/3)
Incorporation of Expressions



An Expression can incorporate another Expression

The building blocks (3/3) basic properties

- p1 is identified by : identification / appellation
- p2 has type : categorisation
- p3 has note : extensive description
- p16 used specific object : objects in a broad sense: an Expression can be an “object”
- p67 refers to : reference to any CRM Entity

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Describing works in DOREMUS

Describing a simple work

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Movements of the work

has components

Work

is realised in

created a realisation of

Event

created

Expression

Creation of the Expression

Description of the work

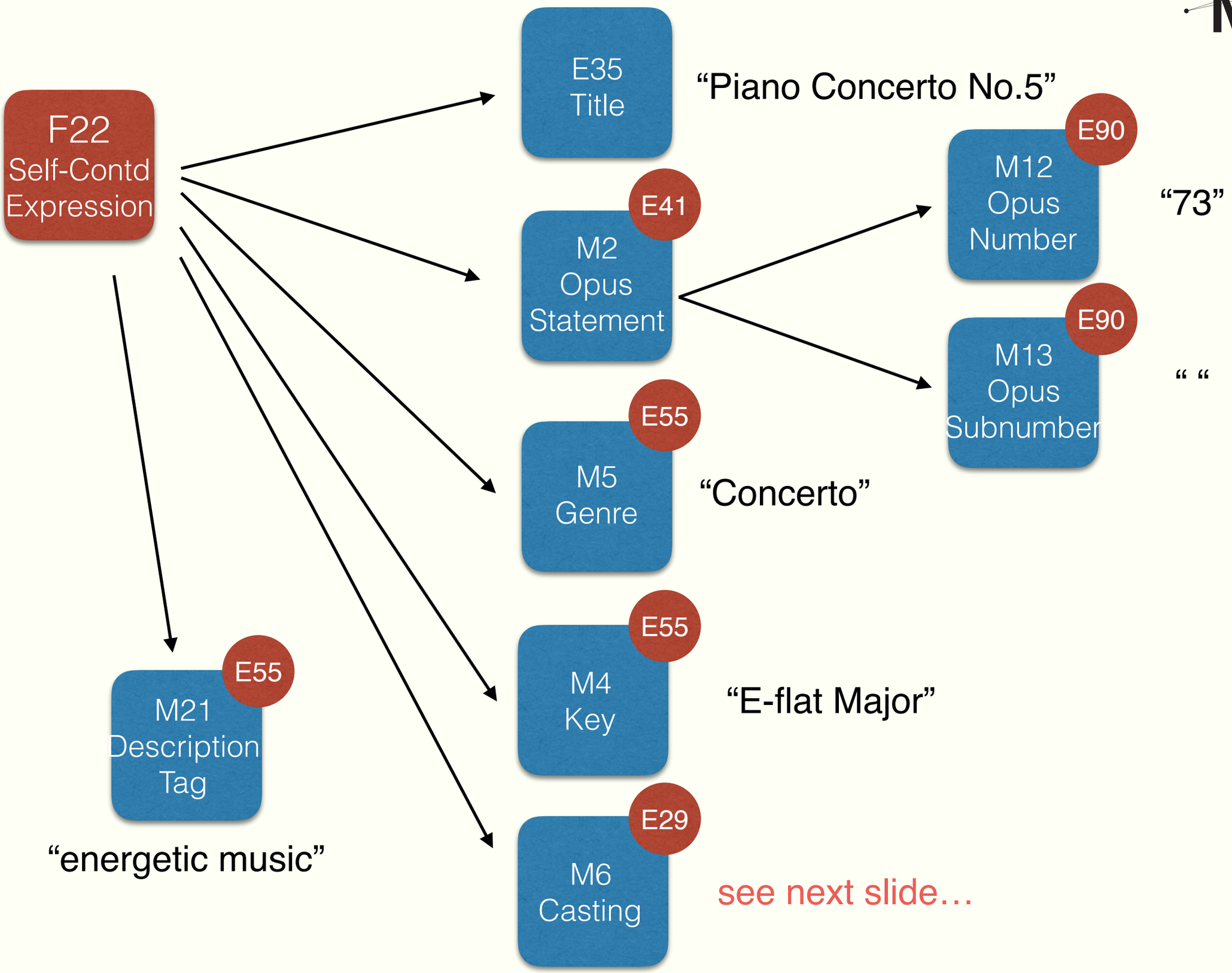
Let’s come back to Beethoven’s Concerto nr. 5

We have a title, which contains a notion of genre, an order number, a key, an opus number, a “nickname”, an intended medium of performance.

Apart from the general concept of title, all the other concepts are new.
We created classes and properties for them in DOREMUS because they are the basis of any description of classical music.

We also created other classes and properties for non classical musics.

Description of a work, 1



Description of a work, 2
Instrumental & Vocal Distribution

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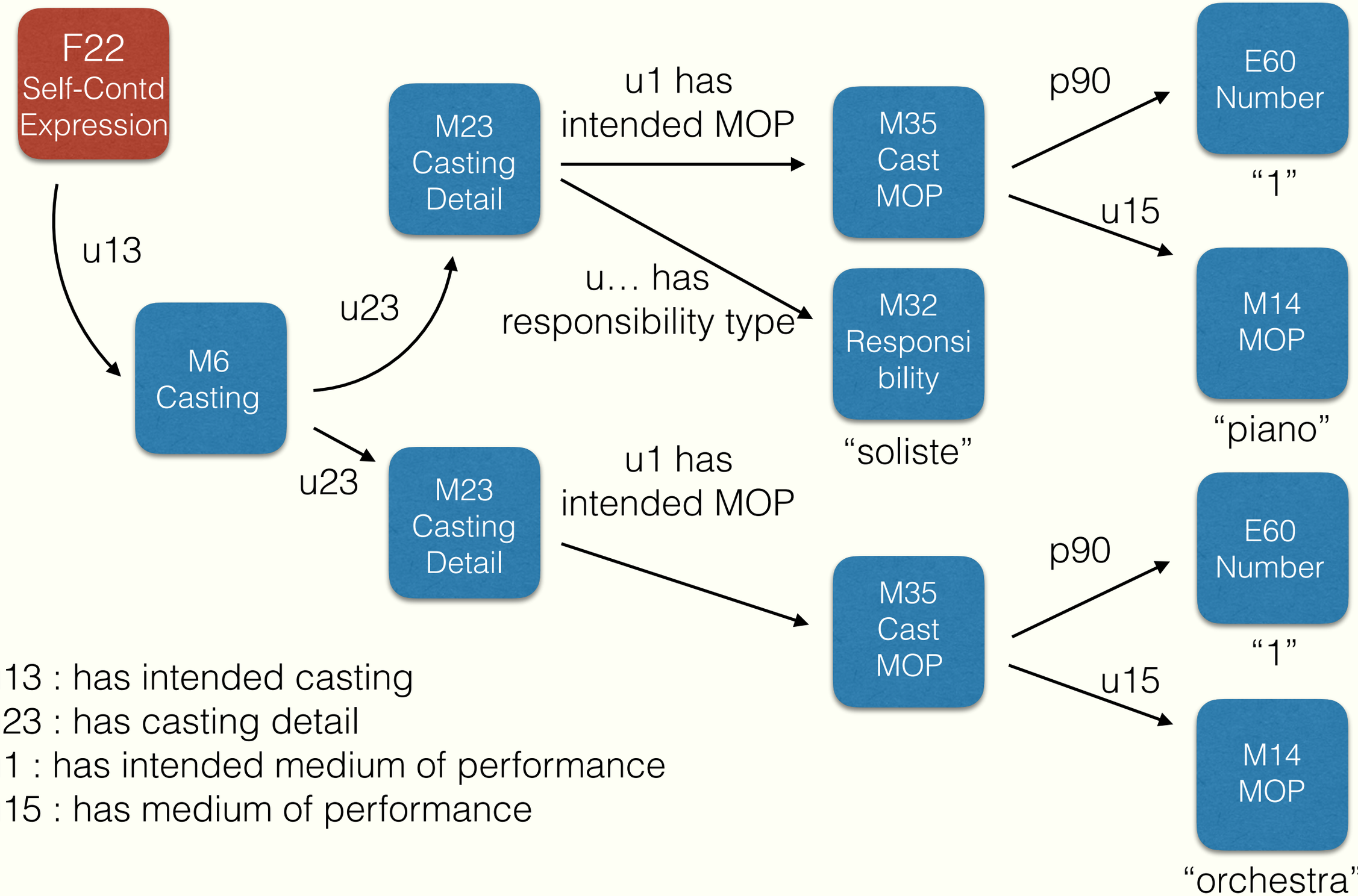
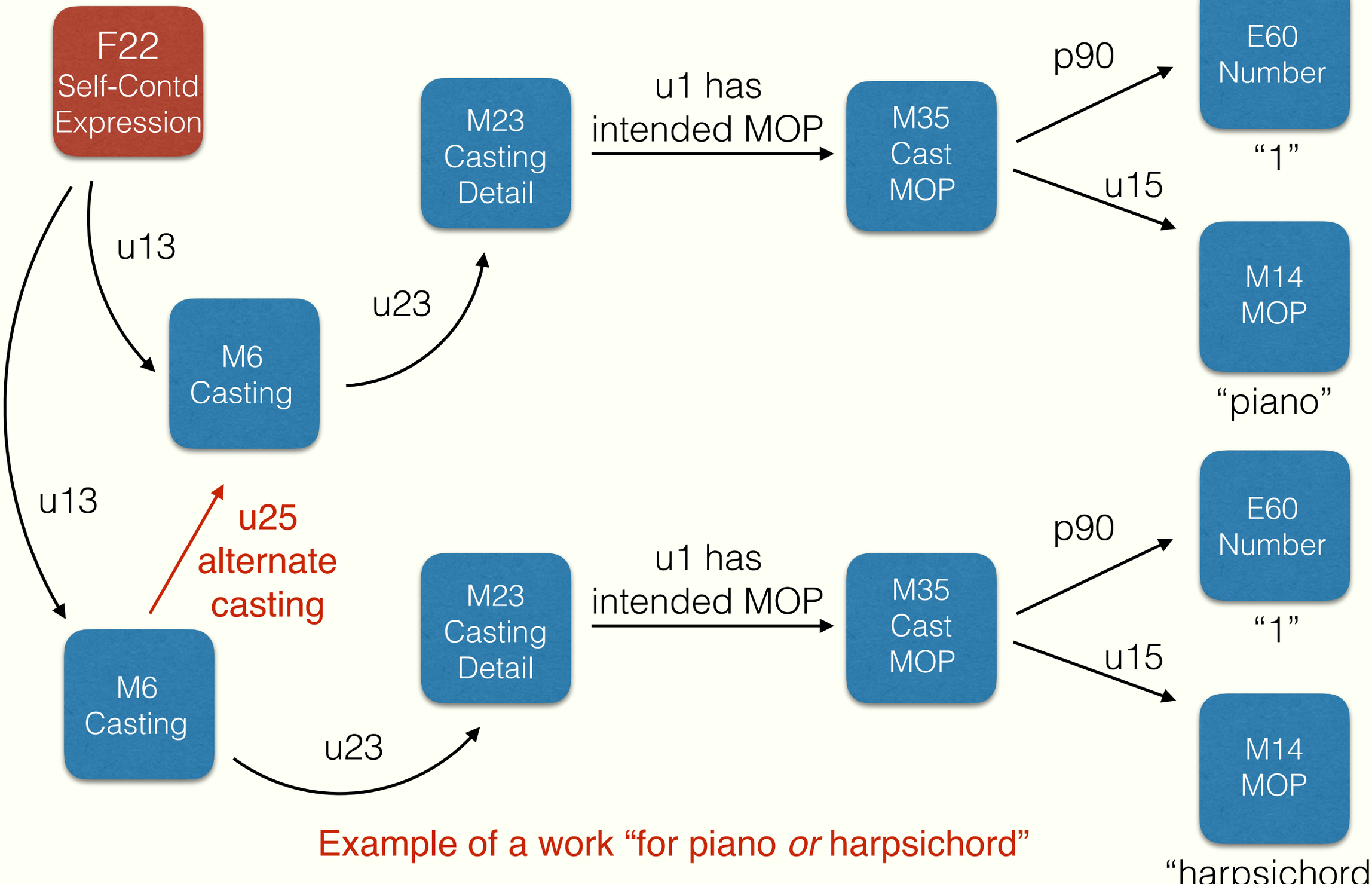


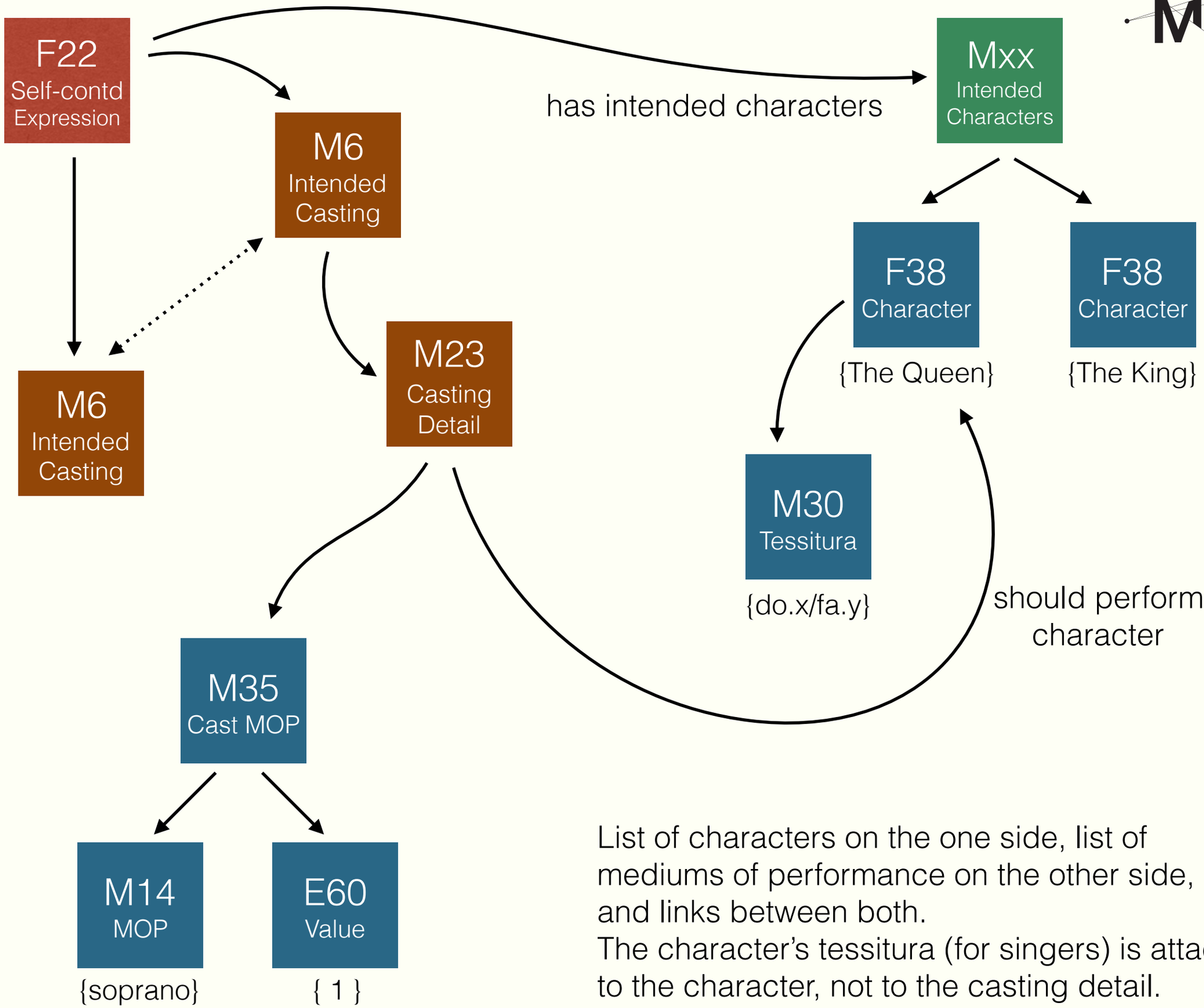
u13 : has intended casting
u23 : has casting detail
u1 : has intended medium of performance
u15 : has medium of performance

Description of a work, 3 Alternate Distribution



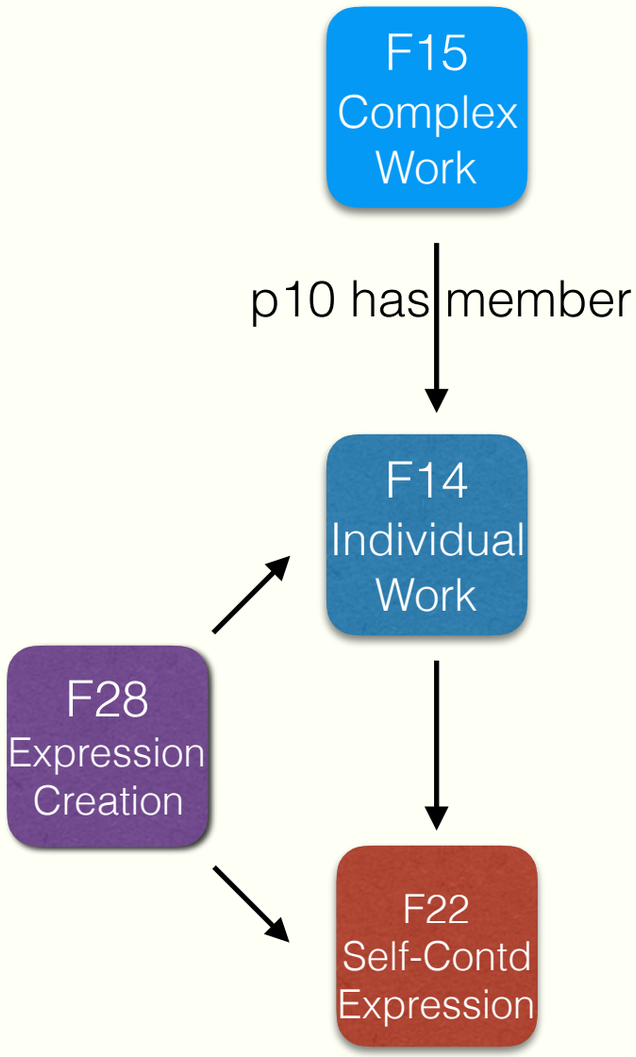
Example of a work "for piano *or* harpsichord"

Description of a work, 4 Intended Characters



List of characters on the one side, list of mediums of performance on the other side, and links between both.
The character's tessitura (for singers) is attached to the character, not to the casting detail.

Describing a work as a member of a complex work

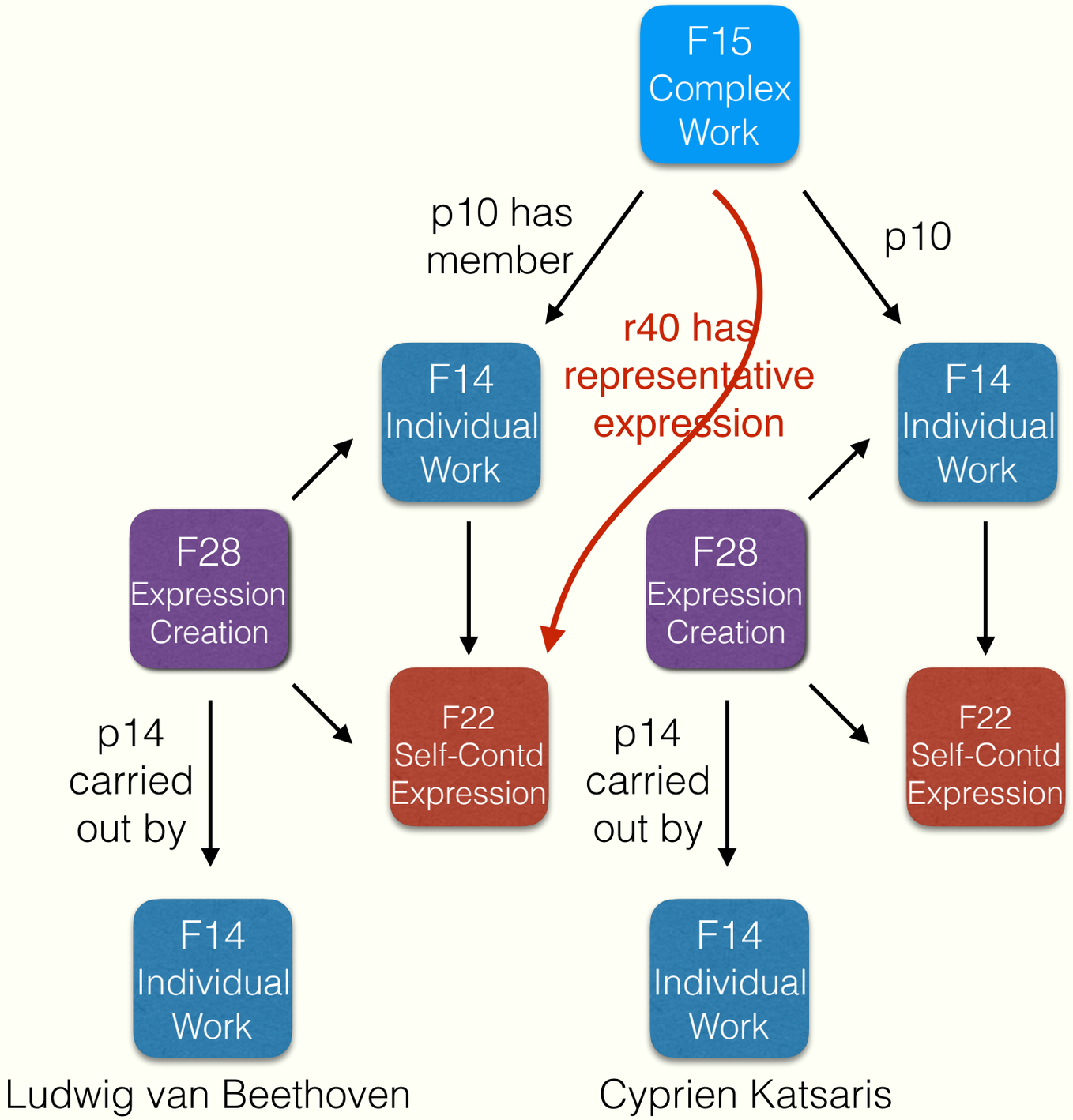


Arranging another work, whether one's own or another composer's work, is such a basic form of composition that in Doremus any F14 Individual Work is by default a member of an F15 Complex Work.

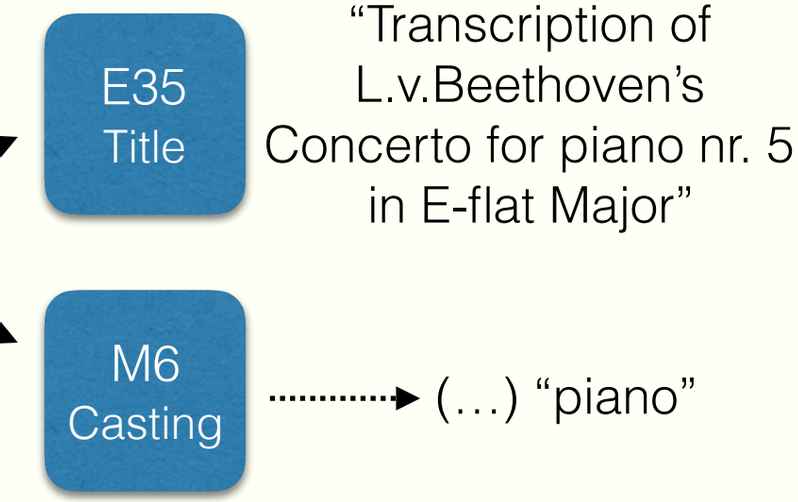
The boundaries of a Complex Work have to do with the dominance of a concept.
Arrangements by other composers can be members of the Complex Work as long as the initial concept is still dominant.
By contrast, a simple citation of work A in work B does not make the latter a member of the Complex Work A because the initial concept is not dominant.

F15 Complex Work is the class that best embodies the FRBR concept of Work.

Describing multiple expressions of a work



The pianist Cyprien Katsaris transcribed a solo version of Beethoven's Concerto nr. 5. This work is a member of the F15 Complex Work "Beethoven's Concerto for Piano nr. 5 in E-flat Major", for which Beethoven's Concerto for Piano nr. 5 in E-flat Major is the representative expression (as stated by the producer of data).



Describing arrangements

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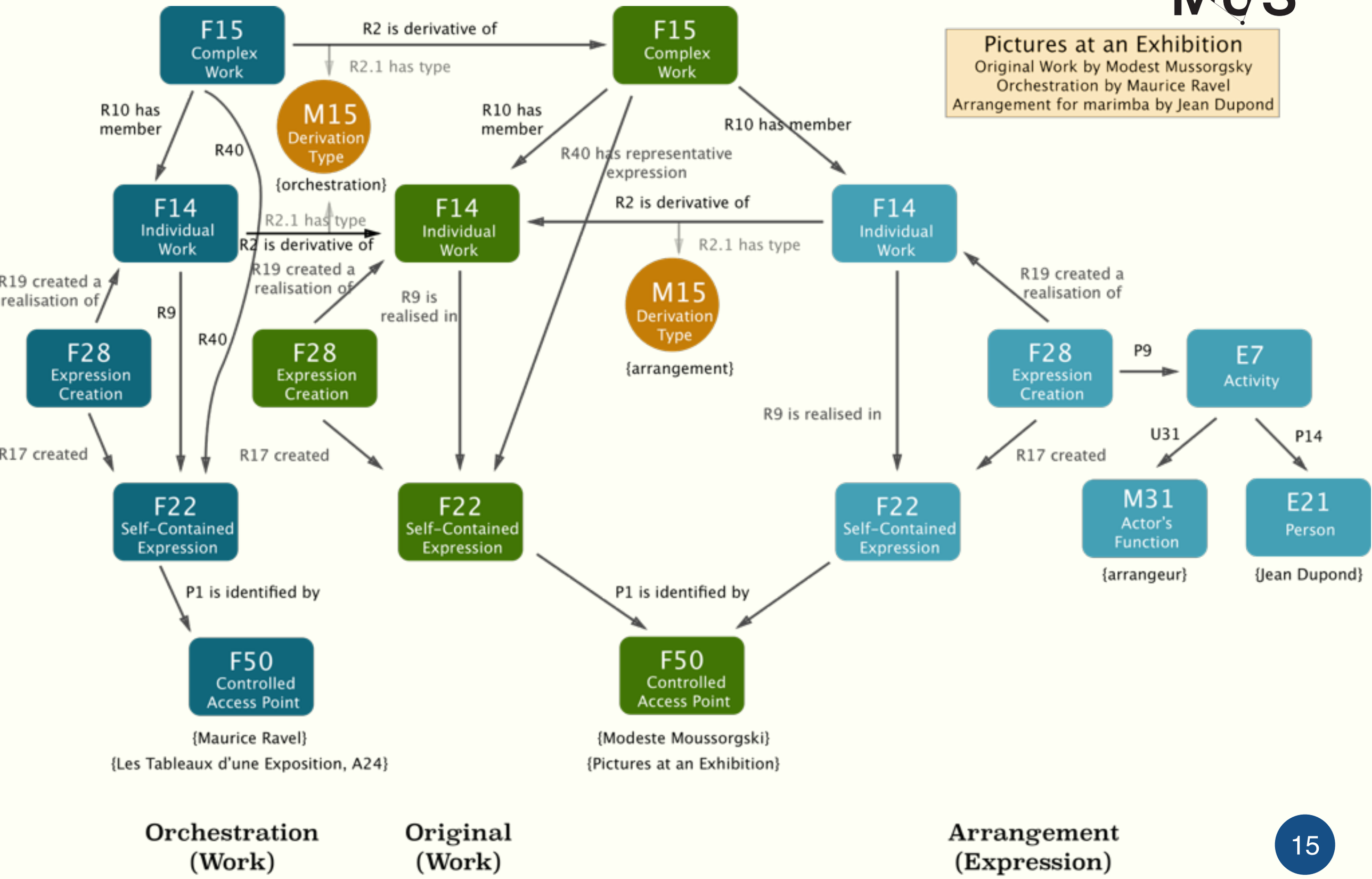
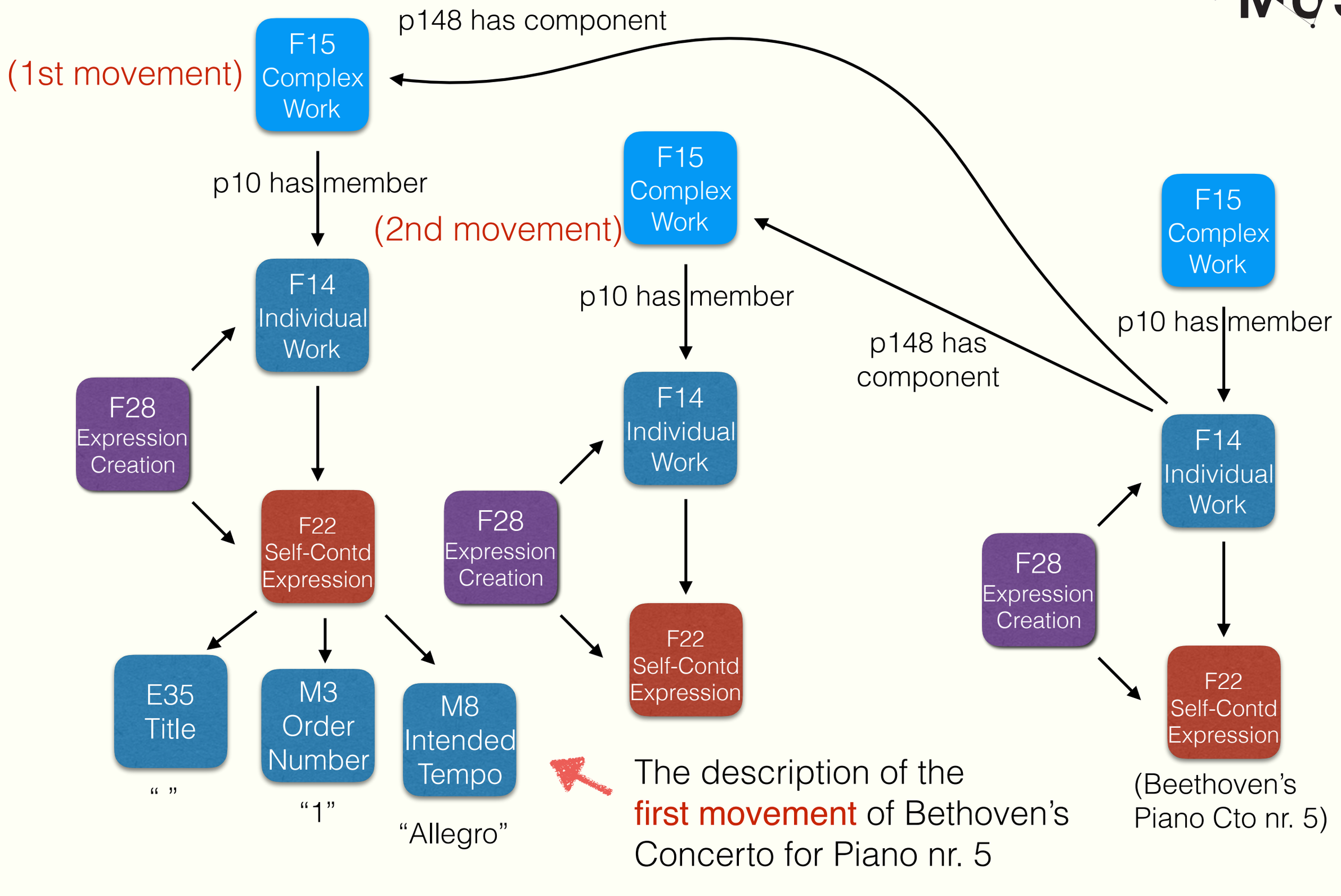
Pictures at an Exhibition
Original Work by Modest Mussorgsky
Orchestration by Maurice Ravel
Arrangement for marimba by Jean Dupond

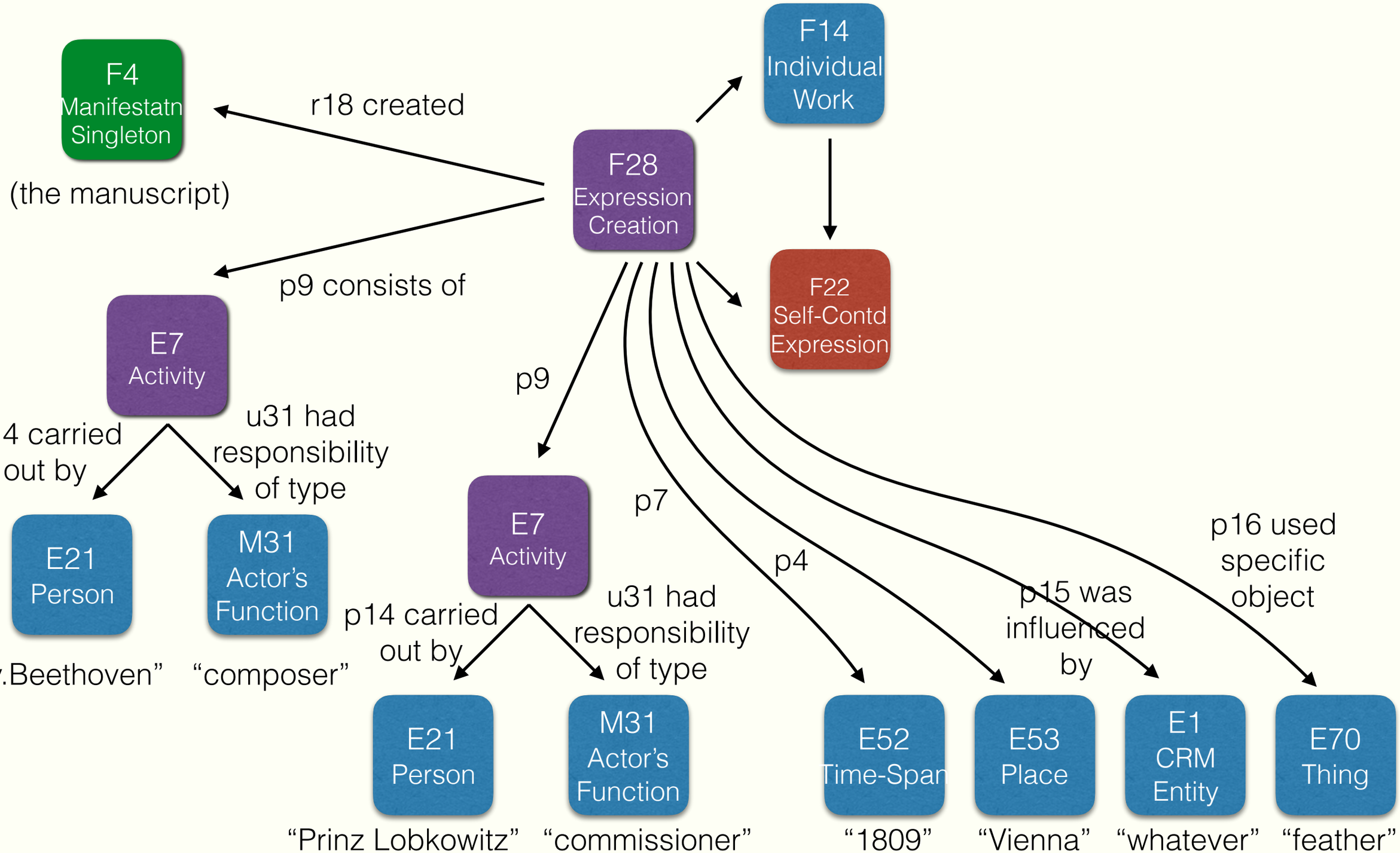


Describing a work's components



The description of the first movement of Bethoven's Concerto for Piano nr. 5

Describing the Expression creation



Describing a simple work

(a recap of the previous slides)

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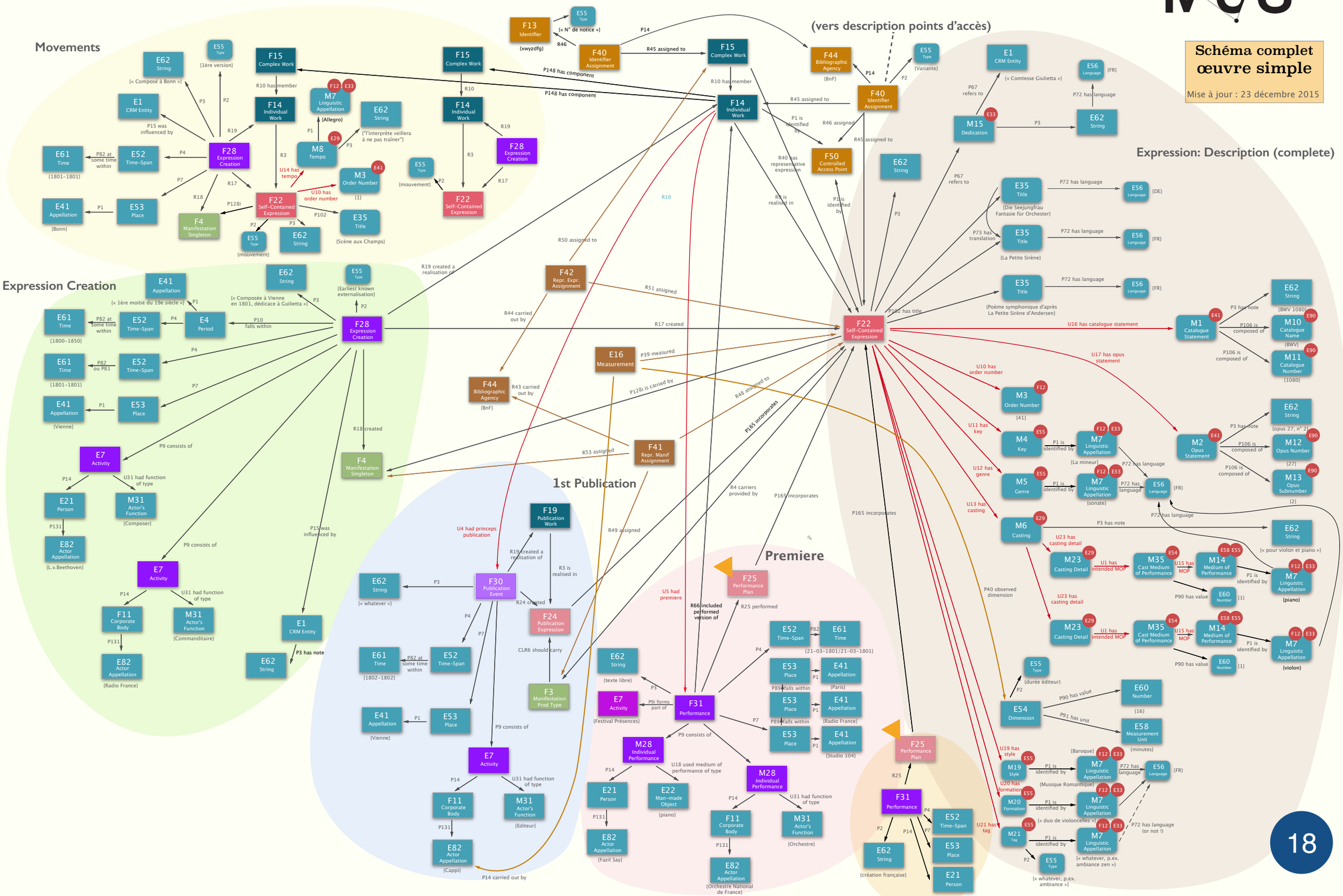
Schéma complet œuvre simple

Mise à jour : 23 décembre 2015



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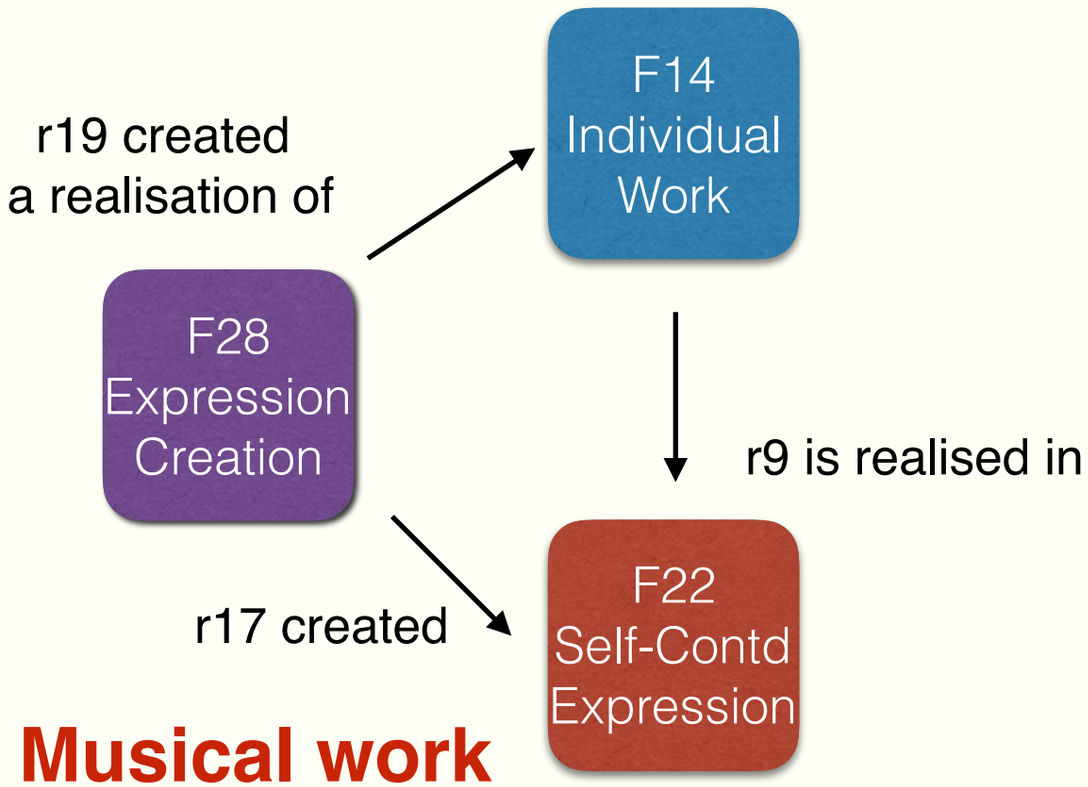
Describing complex performances in DOREMUS

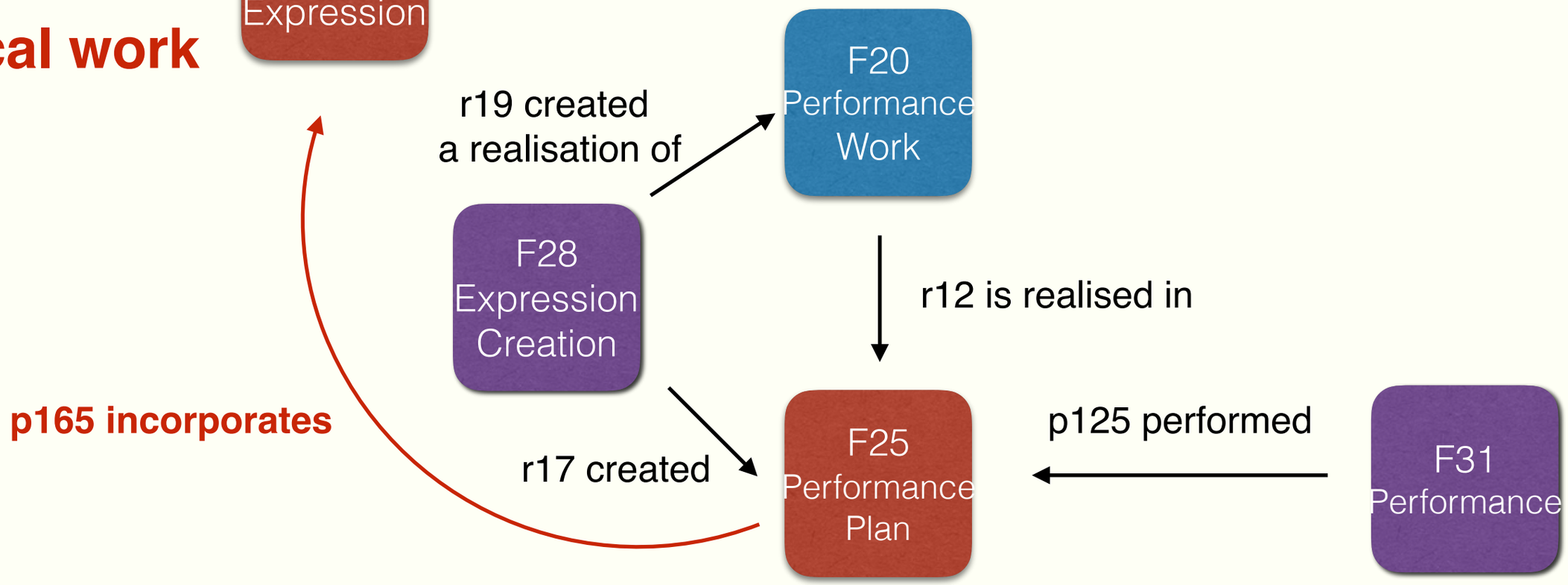
As mentioned in the previous presentations, the modelling of performances includes an intermediary step, the “performance plan”.

Why is this?

Performances (1/3)

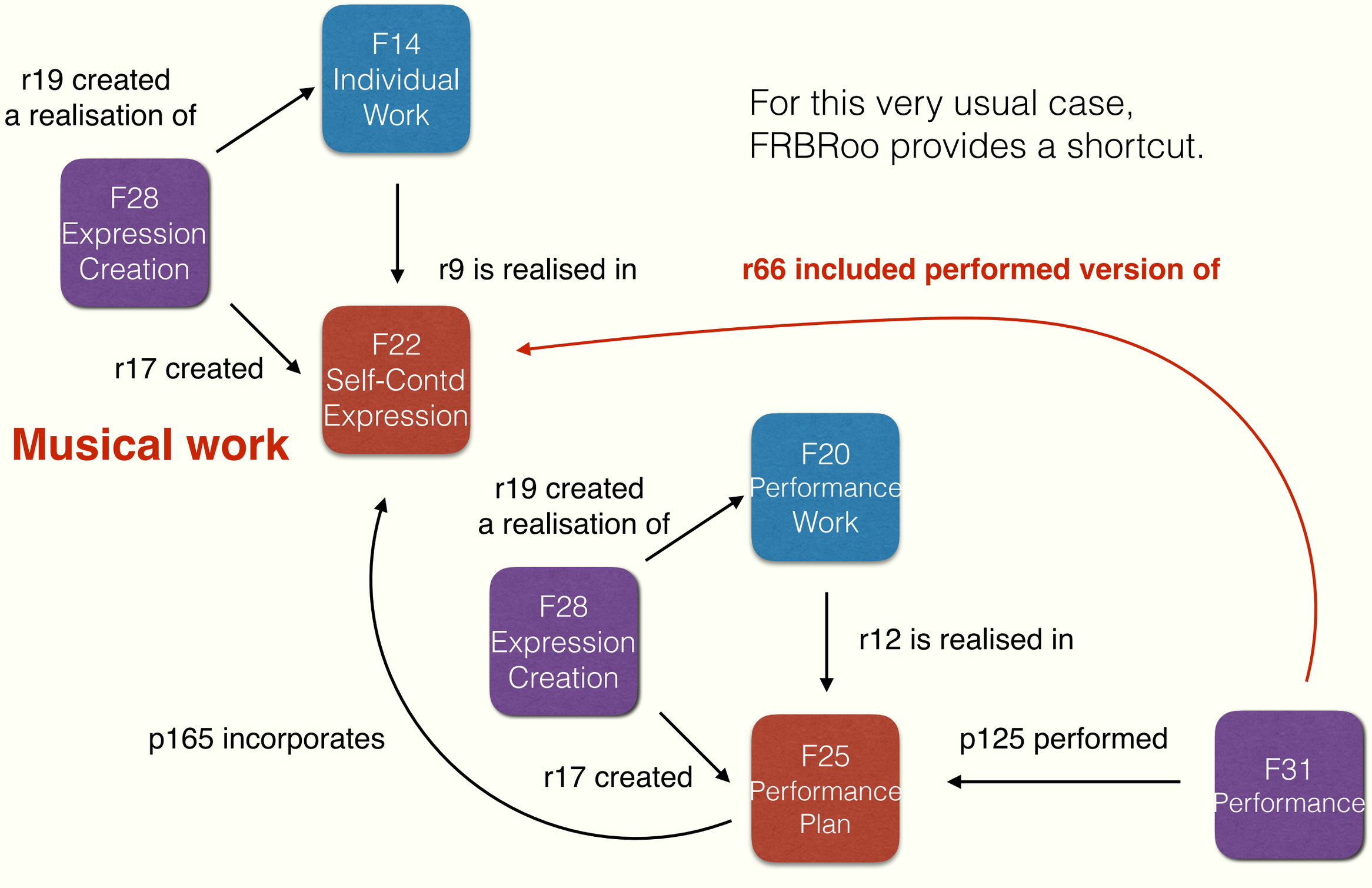


Musical work



A simple example:
one (or more) musical work(s) and no information regarding any specific "plan".
This could be e.g. the live performance of a song. Do we need a Performance Plan?

Performances (2/3)



For this very usual case,
FRBRoo provides a shortcut.

Performances (3/3)

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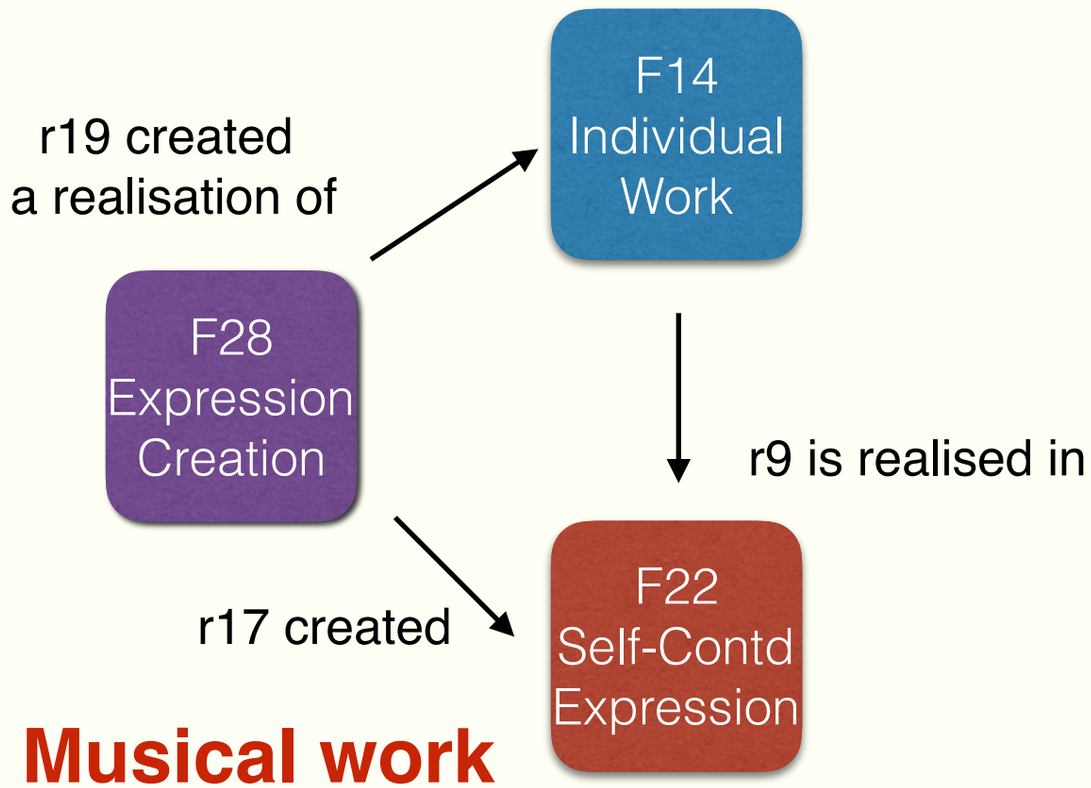
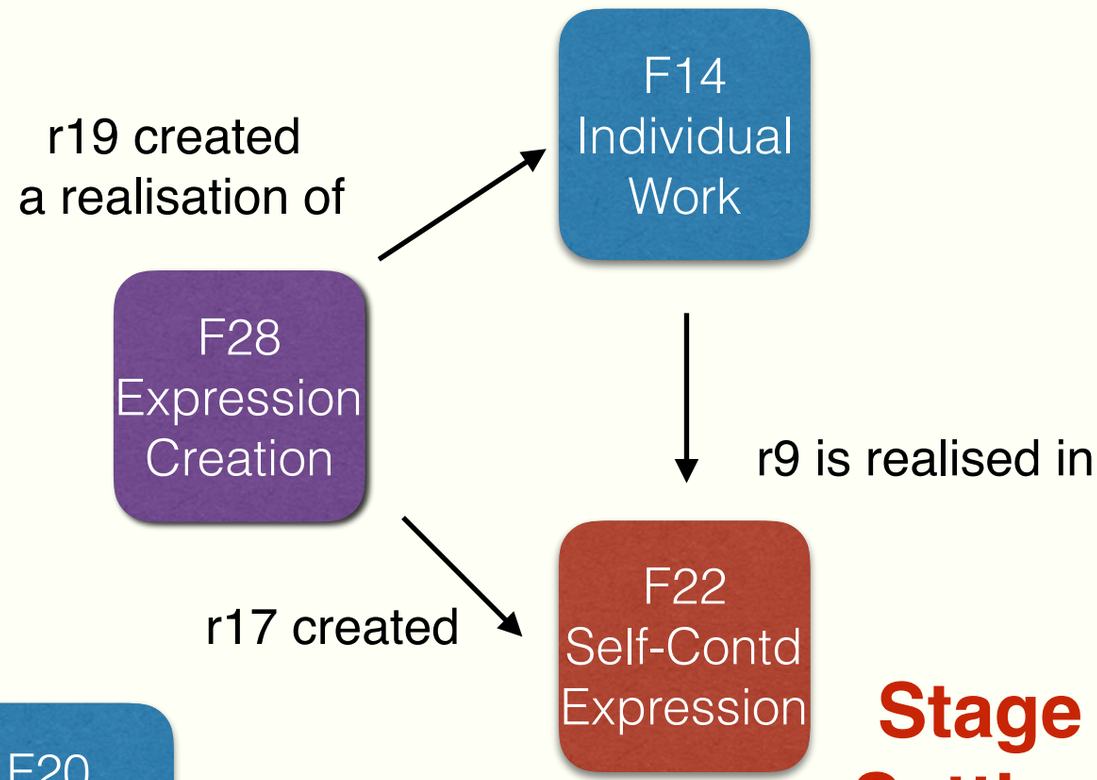
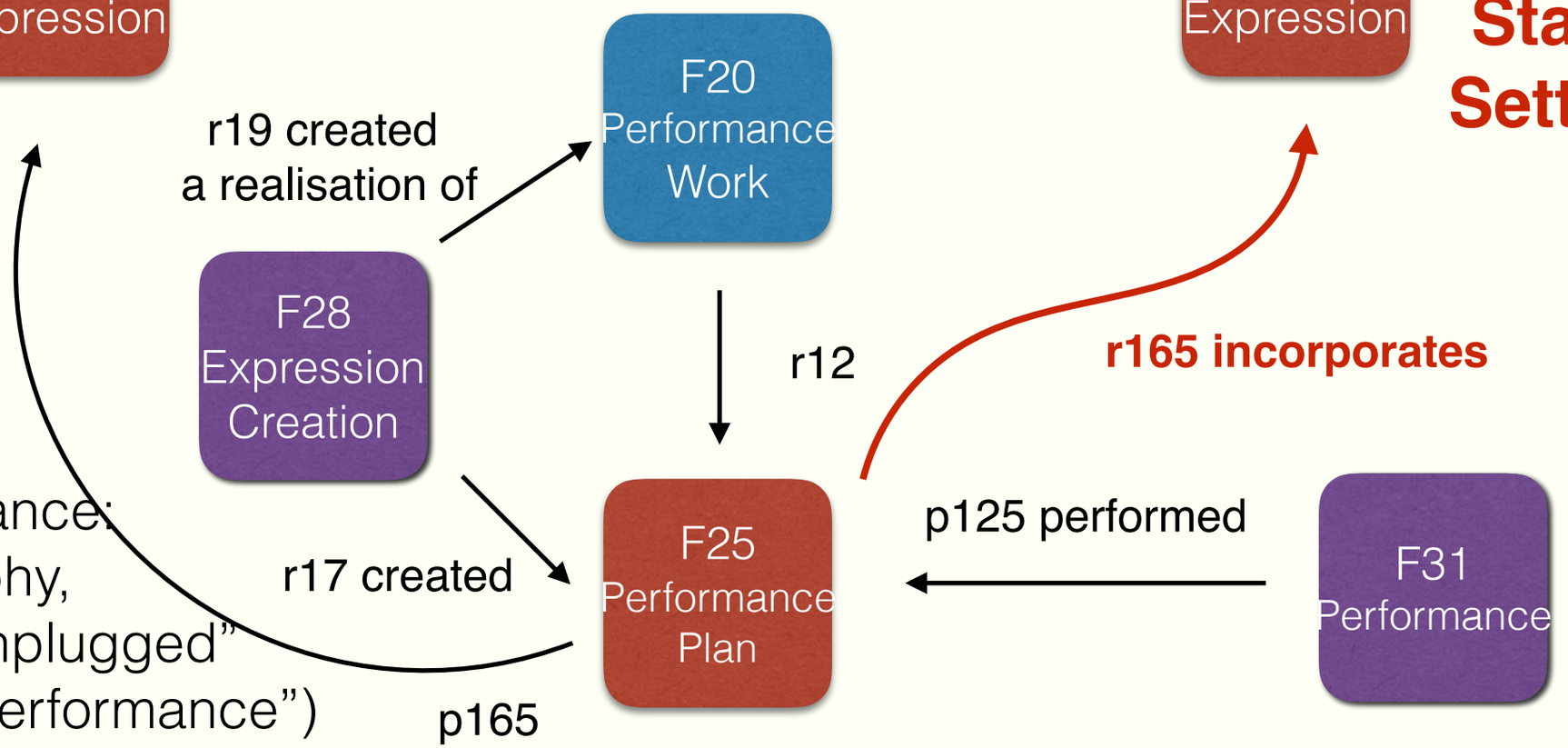


Musical work



Stage Setting



The performance plan allows for modelling any information that is not described in the performance: stage setting, choreography, specific intention (e.g. “unplugged” or “historically informed performance”)

Remember Beethoven's Concerto #5 ?
Let's convert it into a graph !

Describing a concert program

Time-Span

Place

Work

Context

Cité de la musique

Président du Conseil d'administration
Jean-Philippe Billarant

Directeur général
Laurent Bayle

Samedi 22 janvier - 20h
Salle des concerts

Ludwig van Beethoven (1770-1827)
Concerto pour piano n° 5 en mi bémol majeur, op. 73
" L'Empereur "
Allegro
Adagio un poco mosso. *Attacca.*
Rondo. Allegro
43'

entracte

BEETHOVEN/CHOSTAKOVITCH
Face au pouvoir
Du vendredi 21 au jeudi 27 janvier 2005

Dmitri Chostakovitch (1906-1975)
Symphonie n°12 en ré mineur, op. 112 « *L'Année 1917* »
Petrograd révolutionnaire. Moderato-Allegro. *Attacca*
Razliv. Allegro (L'istesso tempo)-Adagio. *Attacca*
« Aurora ». L'istesso tempo-Allegro. *Attacca*
Aube de l'Humanité. L'istesso tempo-Allegretto
40'

Programme | 11

Complex Performances: Beethoven's Concerto #5

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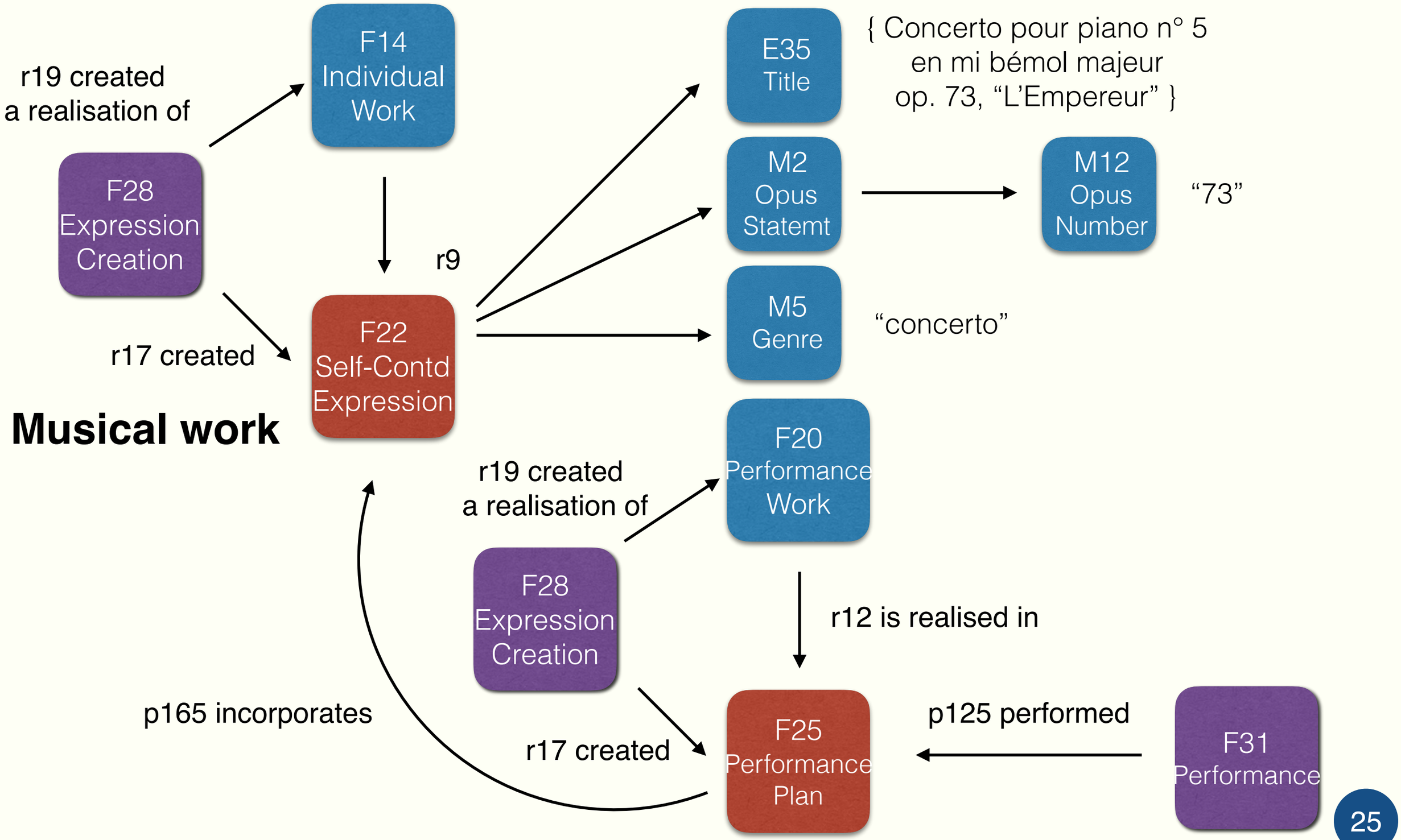
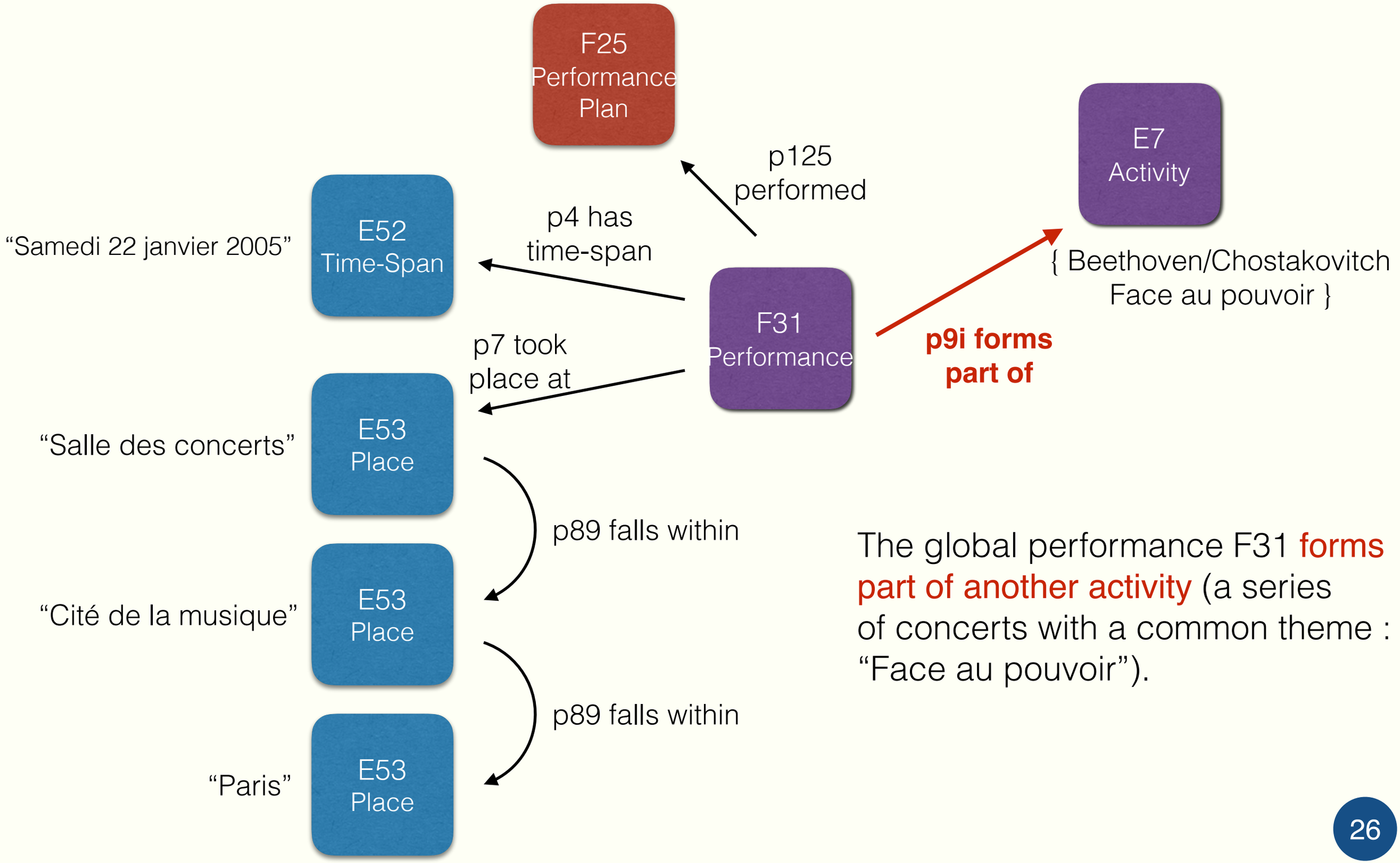


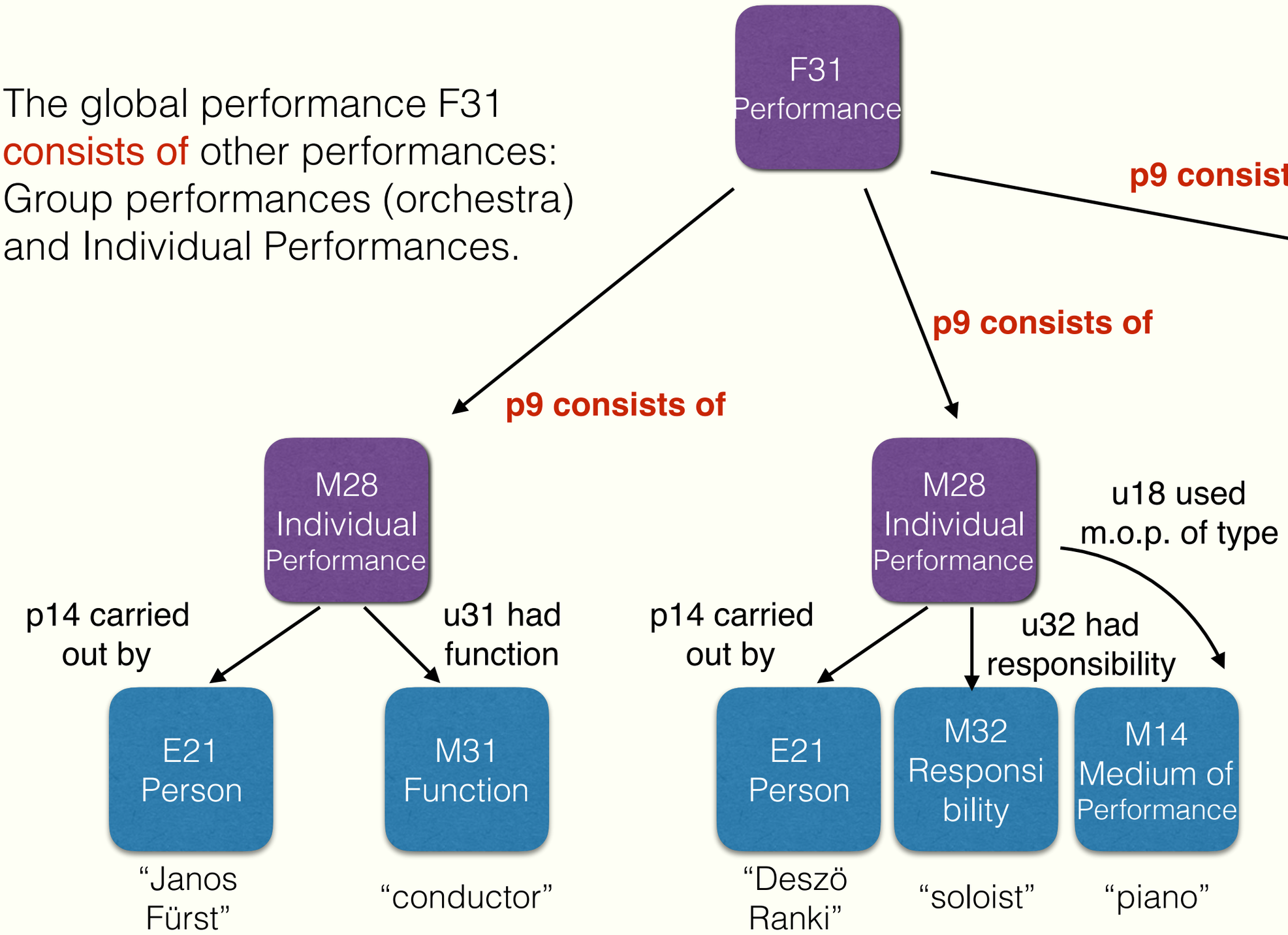
Complex Performances: Beethoven's Concerto #5



The global performance F31 forms part of another activity (a series of concerts with a common theme : "Face au pouvoir").

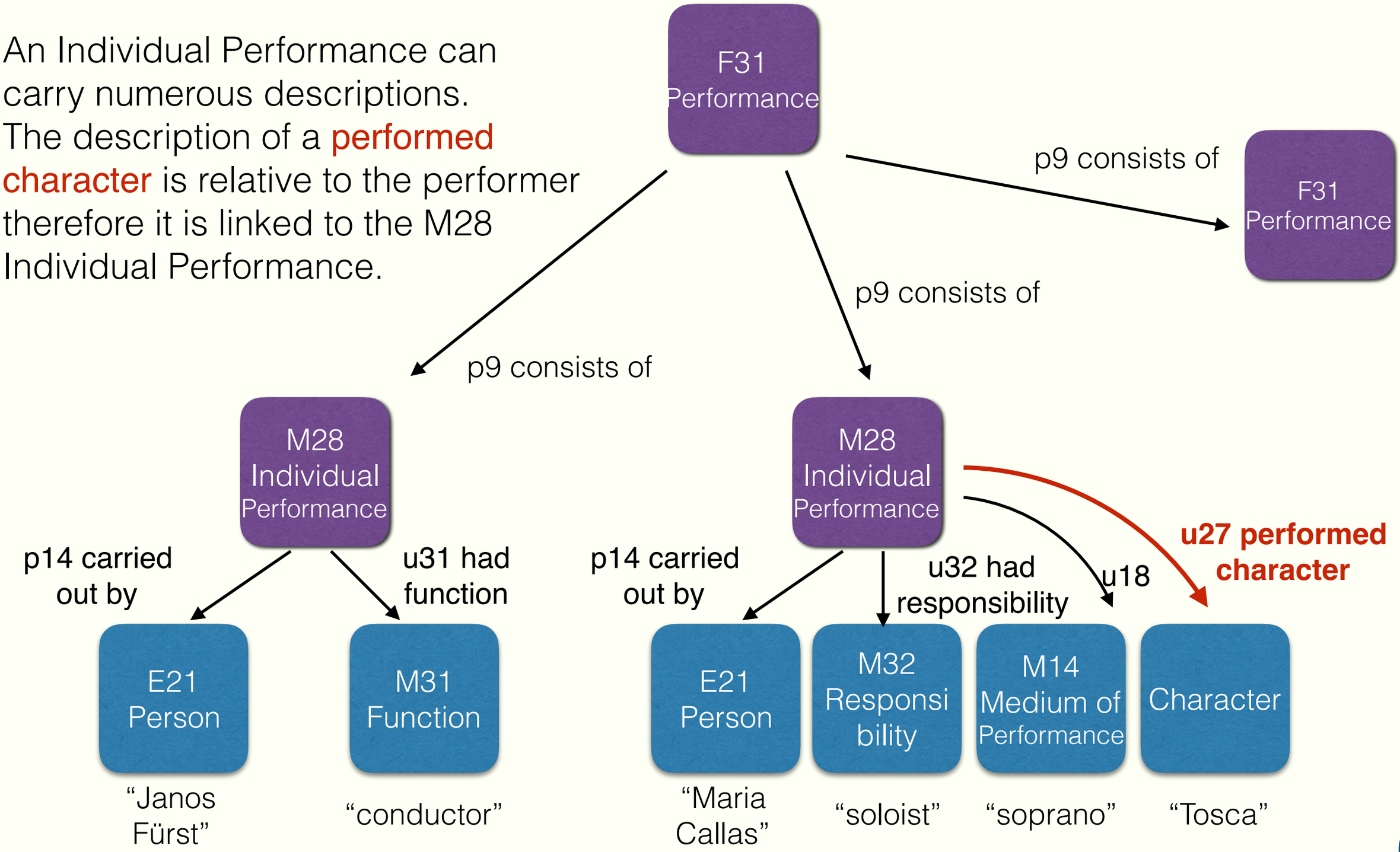
Complex Performances: Beethoven's Concerto #5

The global performance F31 consists of other performances: Group performances (orchestra) and Individual Performances.



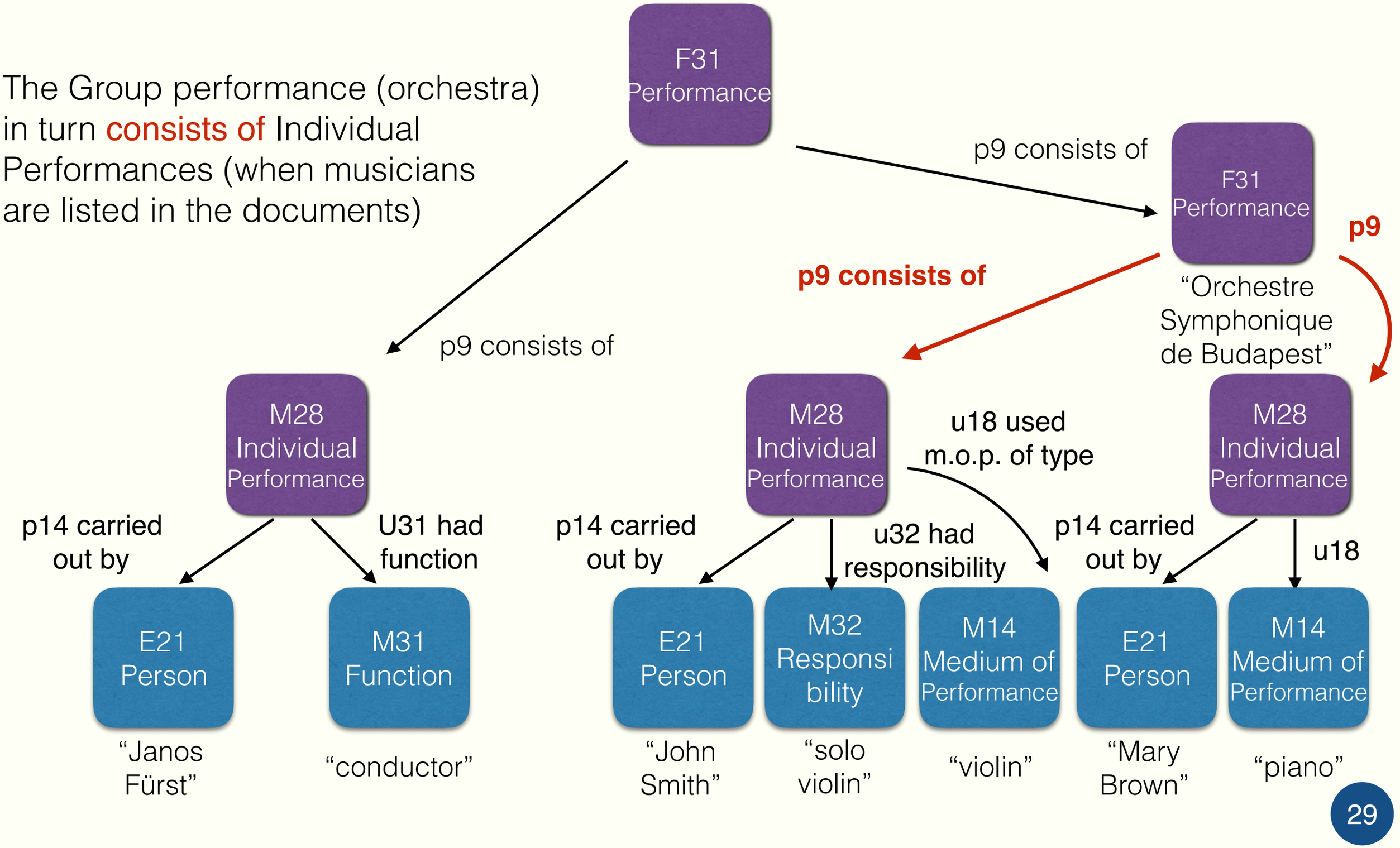
Complex Performances: Beethoven's Concerto #5

An Individual Performance can carry numerous descriptions. The description of a performed character is relative to the performer therefore it is linked to the M28 Individual Performance.

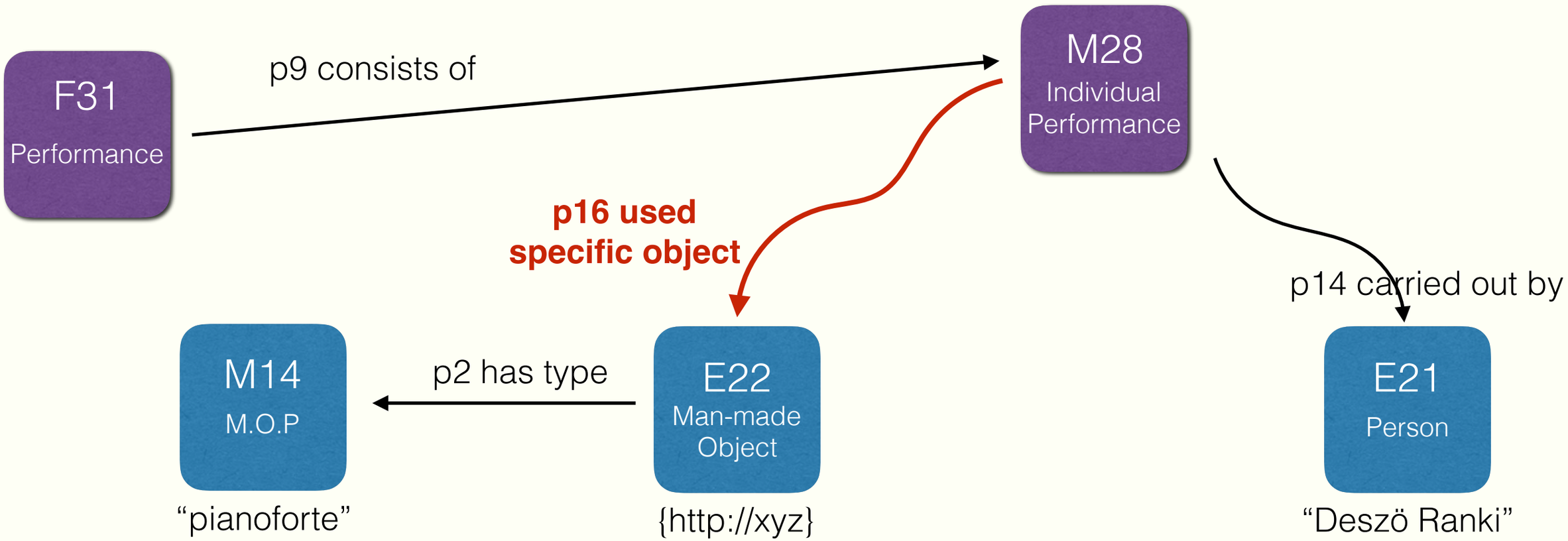


Complex Performances: Beethoven's Concerto #5

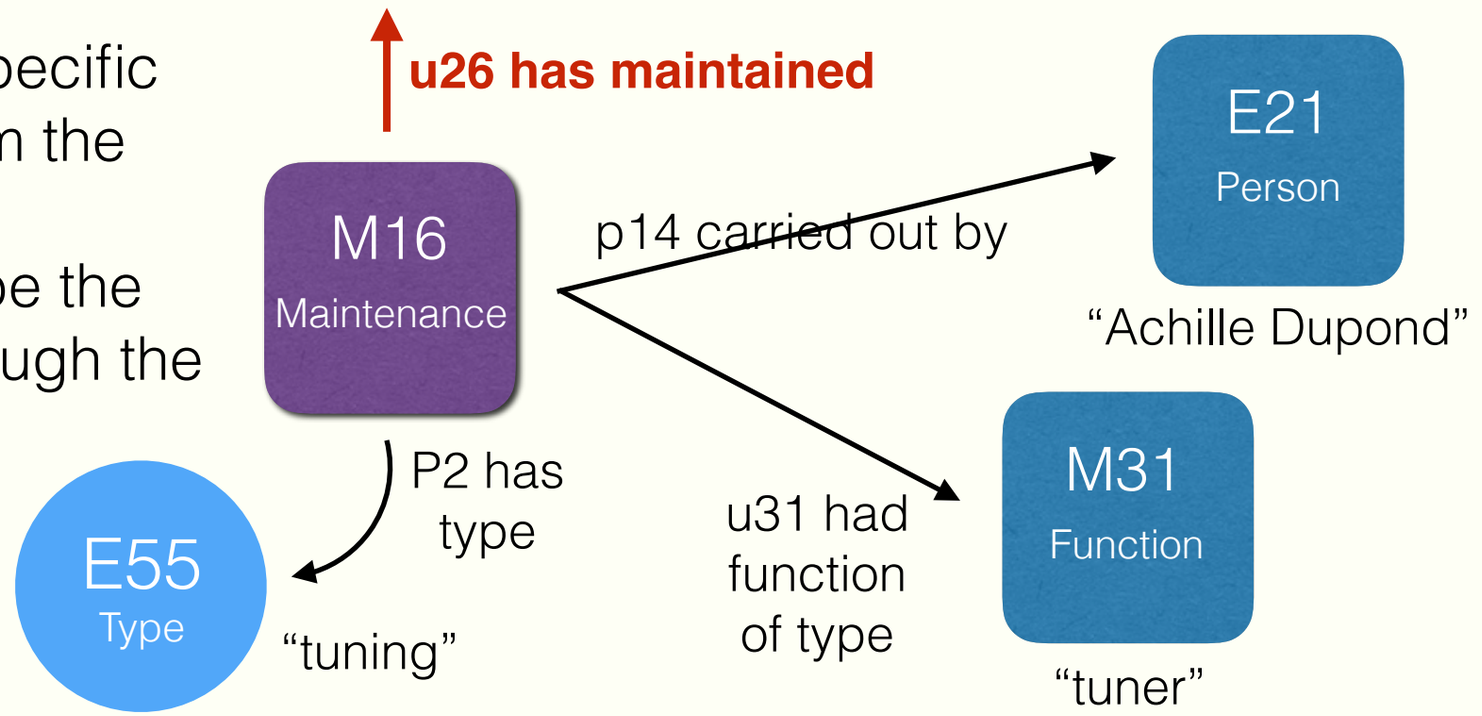
The Group performance (orchestra) in turn consists of Individual Performances (when musicians are listed in the documents)



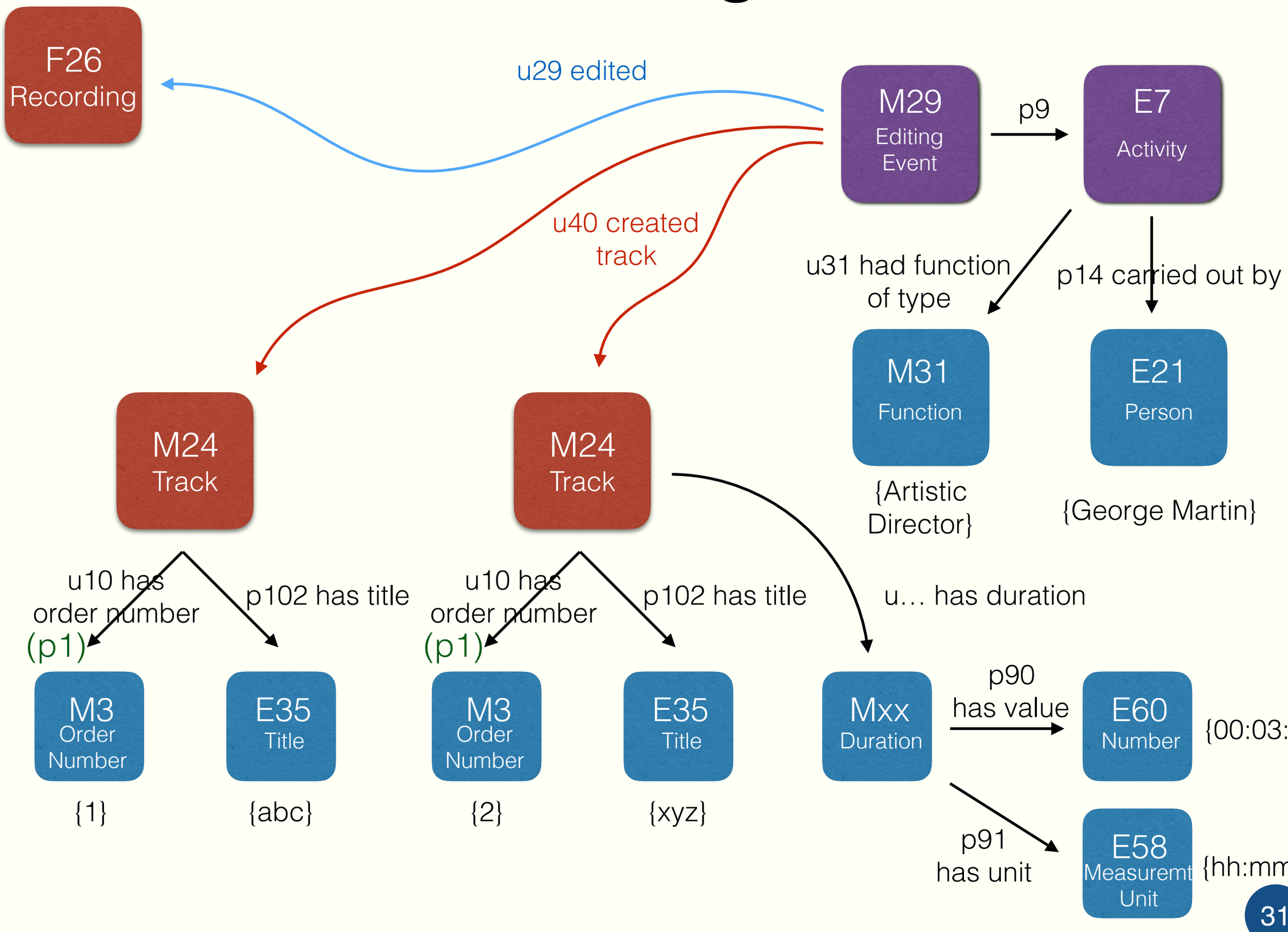
Specific Instrument, Maintenance



A performance may use a specific (unique) instrument, e.g. from the collection of a museum.
We may also want to describe the tuning of the instrument, through the activity M16 Maintenance.



Editing


F26
Recording
u29 edited
M29
Editing
Event
p9
E7
Activity
u40 created
track
u31 had function
of type
p14 carried out by
M31
Function
E21
Person
{Artistic
Director}
{George Martin}
M24
Track
M24
Track
u10 has
order number
(p1)
p102 has title
u10 has
order number
(p1)
p102 has title
u… has duration
M3
Order
Number
E35
Title
M3
Order
Number
E35
Title
Mxx
Duration
p90
has value
E60
Number
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{2}
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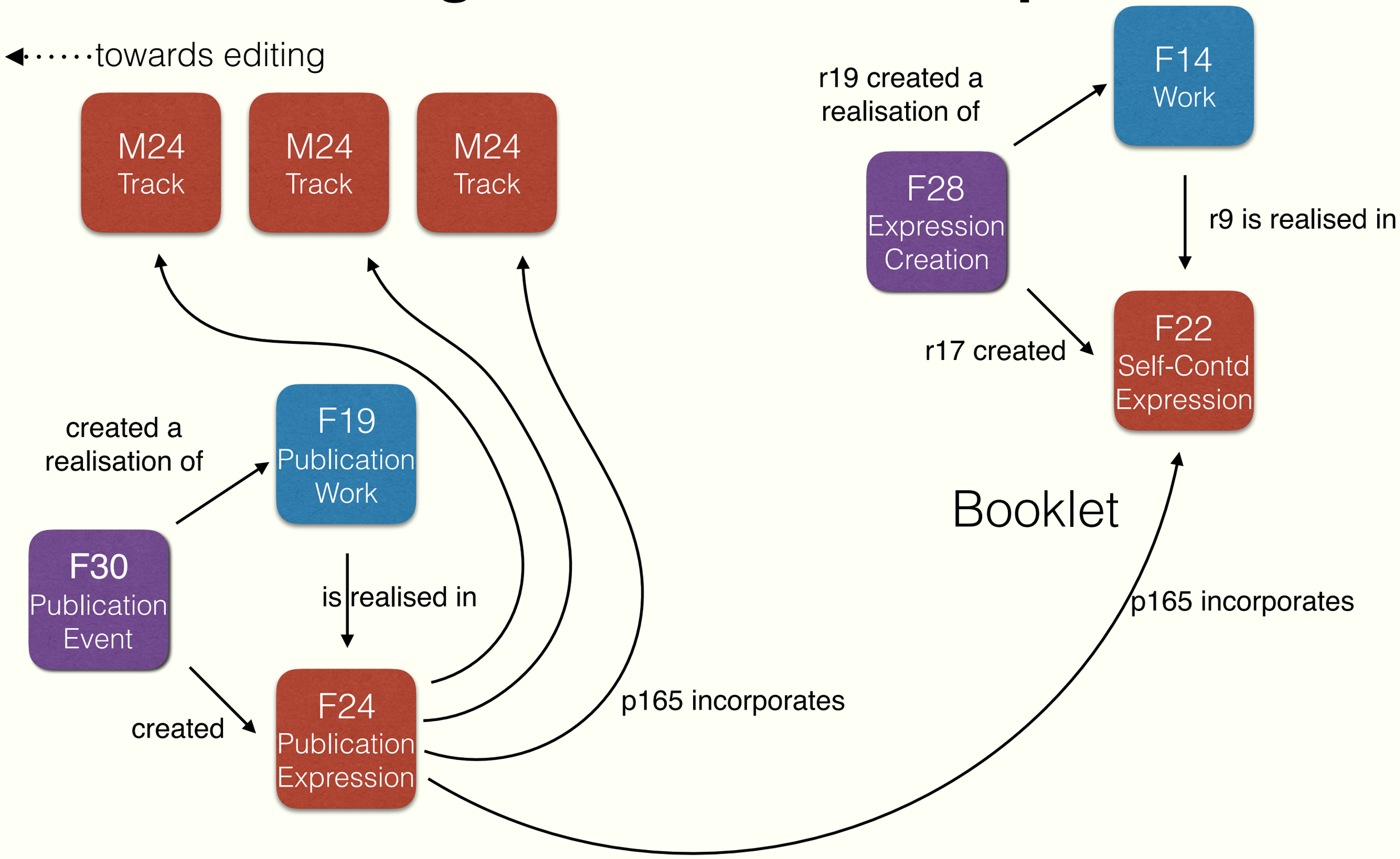
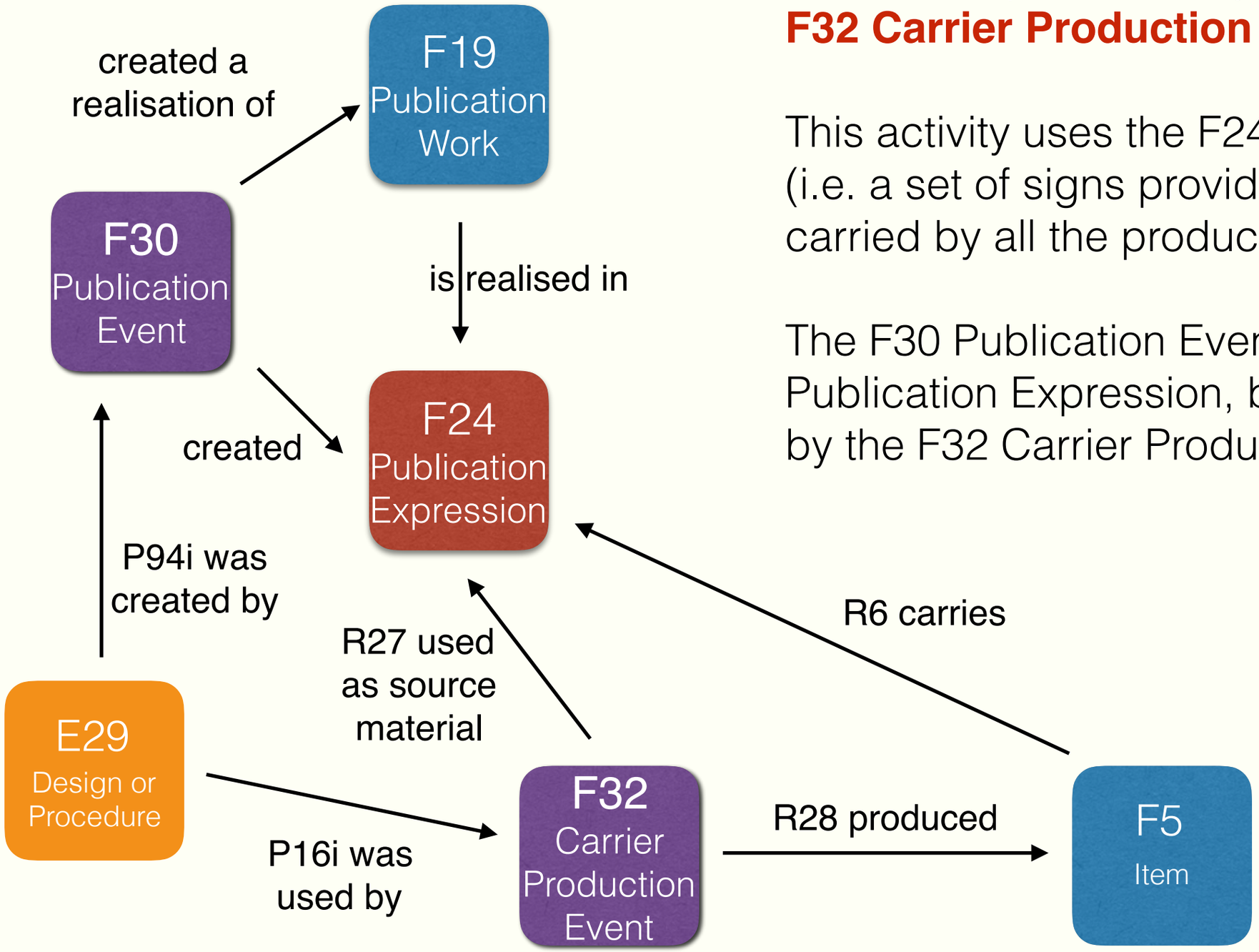
p91
has unit
E58
Measuremt
Unit
{hh:mm:ss}

Publishing, 1: Publication expression



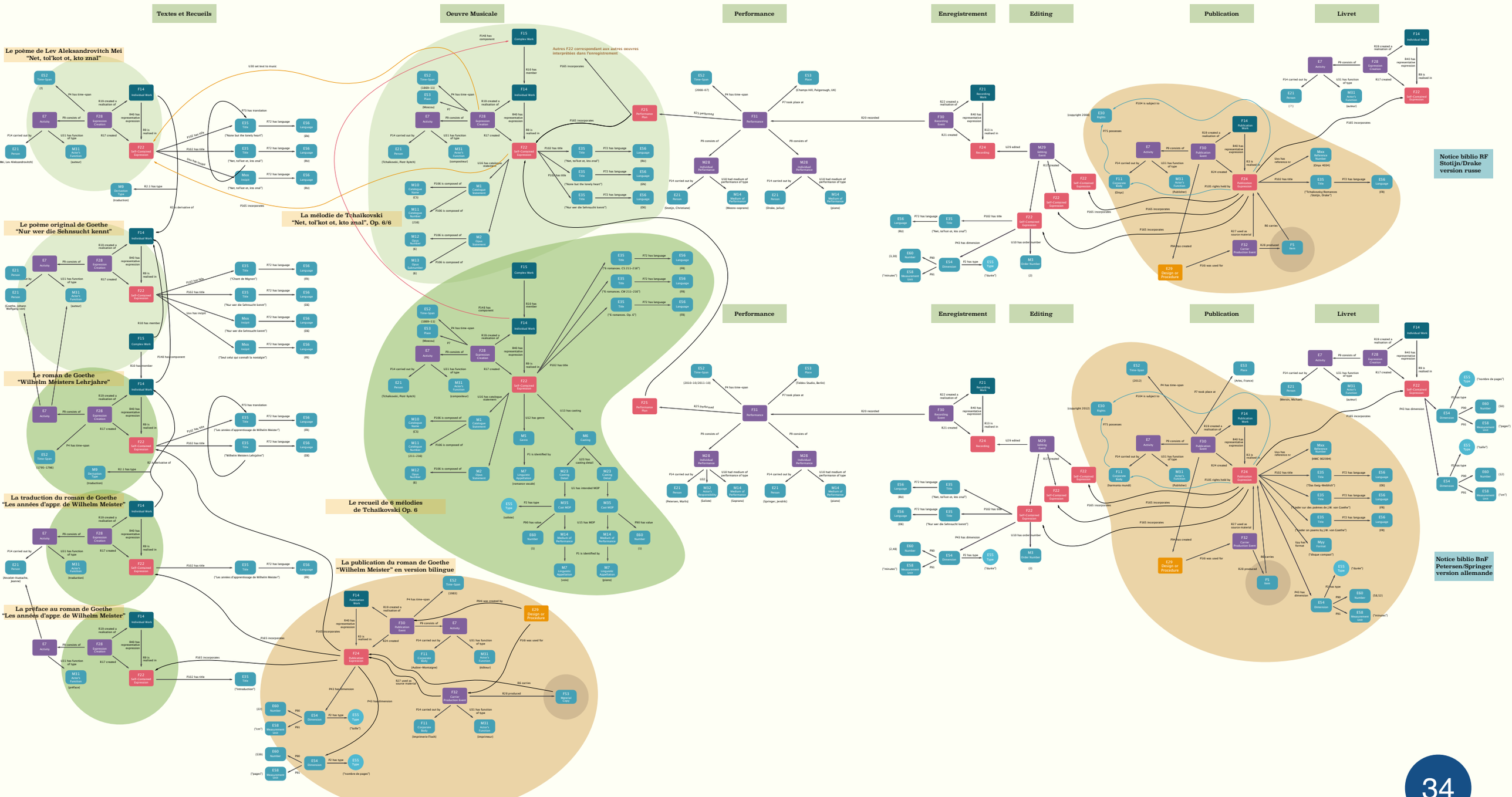
Publishing, 2 : Item



The item is produced by a production activity: **F32 Carrier Production Event**.

This activity uses the F24 Publication Expression, (i.e. a set of signs provide by the publisher, to be carried by all the produced items).

The F30 Publication Event created not only the Publication Expression, but also a procedure, used by the F32 Carrier Production Event

All together now:
“Nur wer die Sehnsucht kennt”

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