IAML 2016 | Rome

Expression beyond Scope

How FRBR and MEI fit together

Kristina Richts | Detmold Court Theatre Project
Johannes Kepper | Beethovens Werkstatt

FRBR$_{ER}$

Group 1 Entities

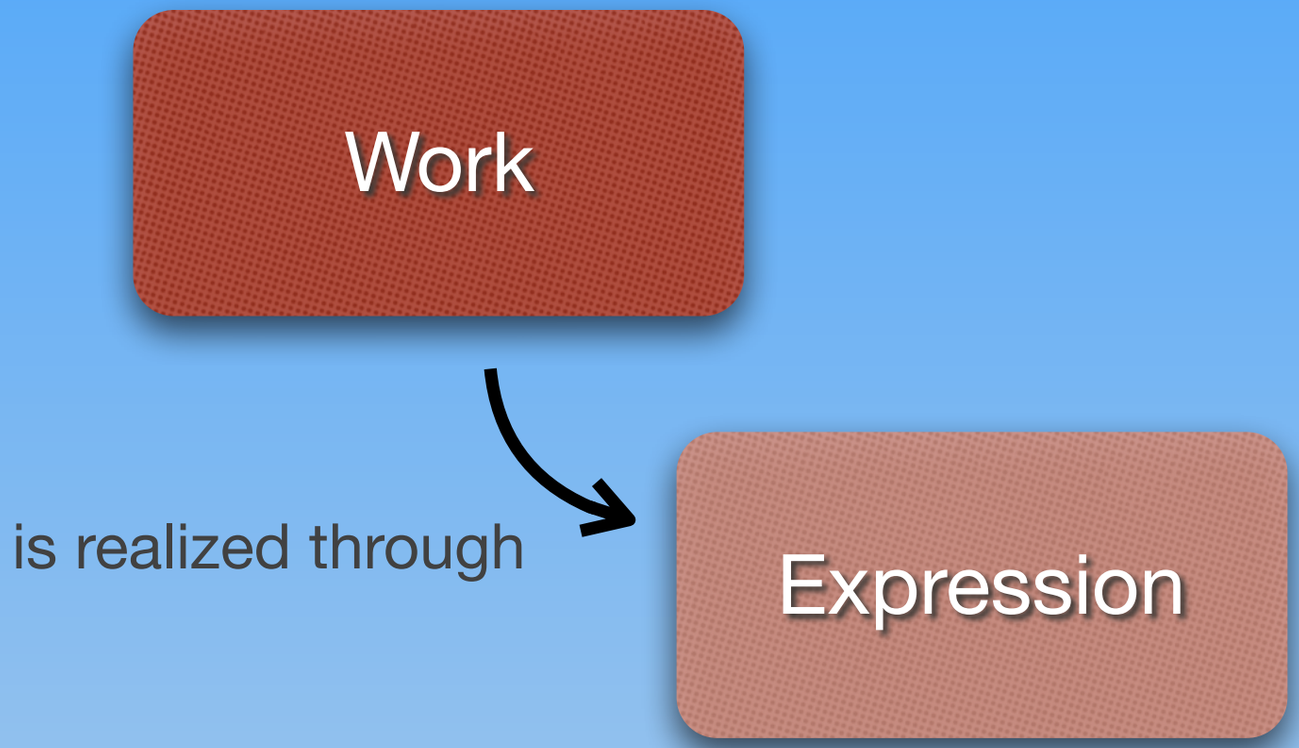
FRBR$_{ER}$

Group 1 Entities

Work

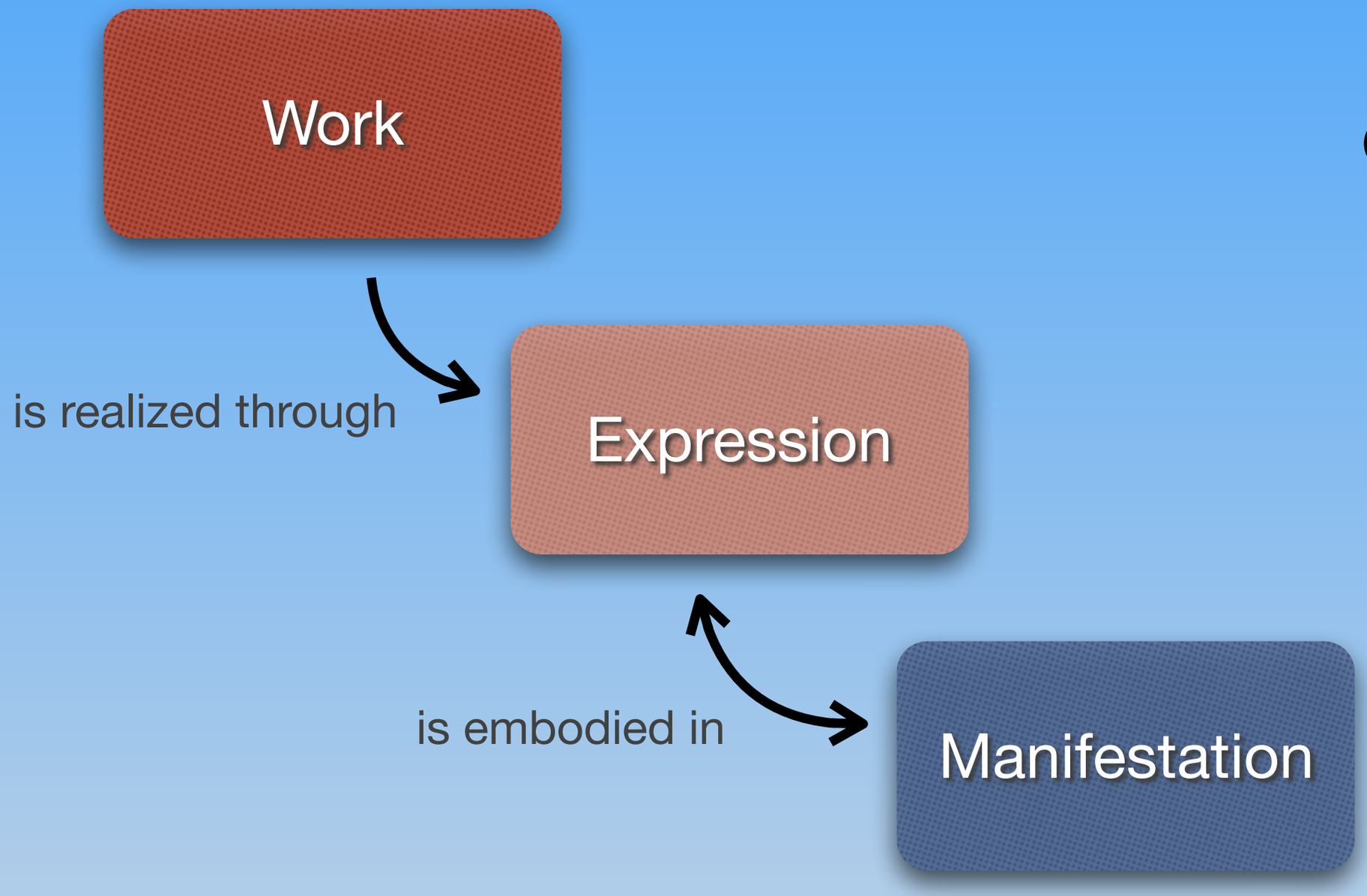
FRBR$_{ER}$

Group 1 Entities



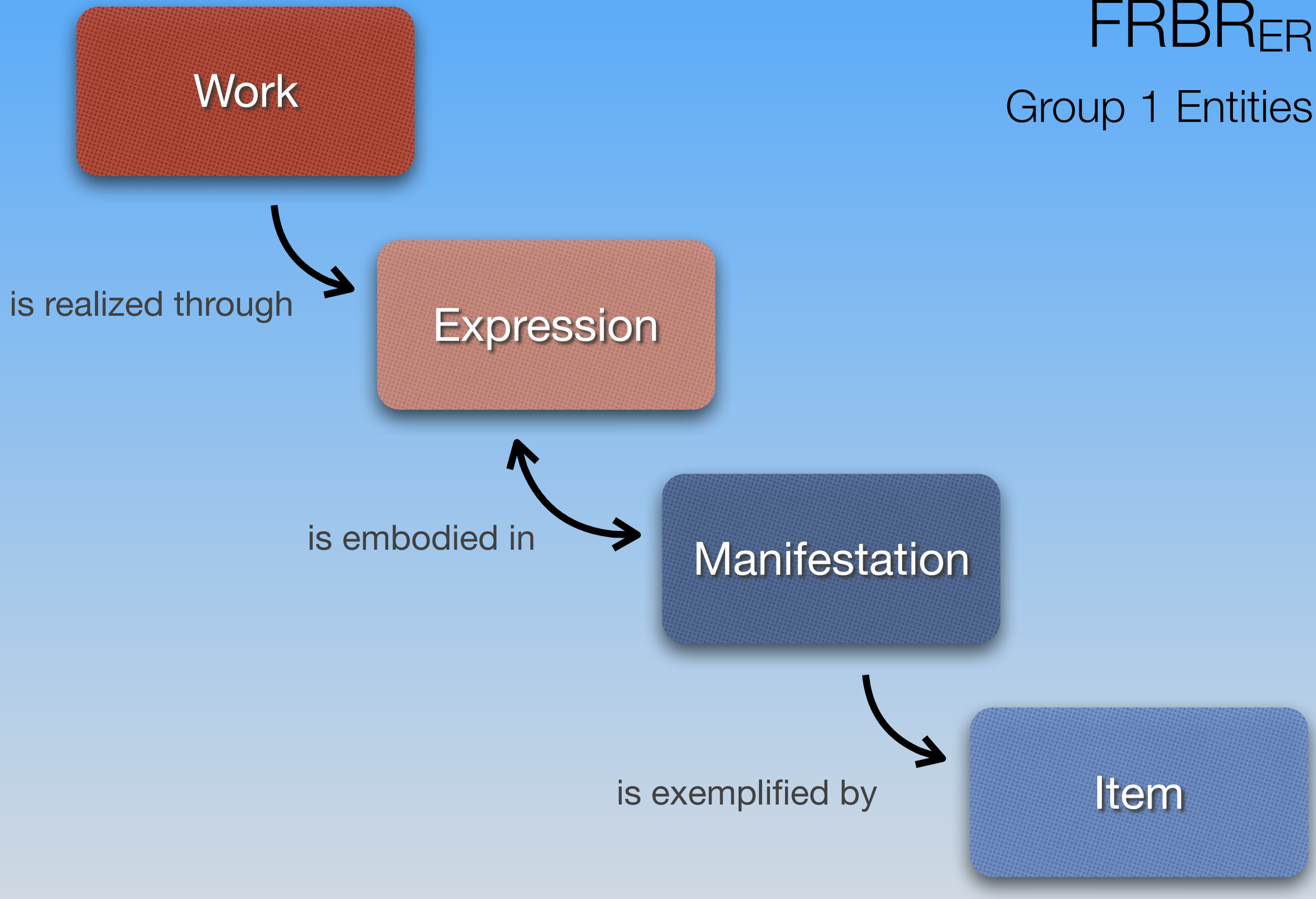
FRBR$_{ER}$

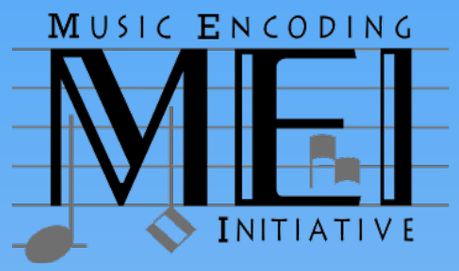
Group 1 Entities



FRBR$_{ER}$

Group 1 Entities




MUSIC ENCODING
MEI
INITIATIVE

MEI 2010-05

<source>

MEI 2010-05

MEI 2012 (v2.0.0)

<source>

<work>

<relatedItem>

MEI 2010-05

MEI 2012 (v2.0.0)

MEI 2013 (v2.1.0)

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<work>

<relatedItem>

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<item>

MEI 2010-05

MEI 2012 (v2.0.0)

MEI 2013 (v2.1.0)

MEI v3.0.0

<source>

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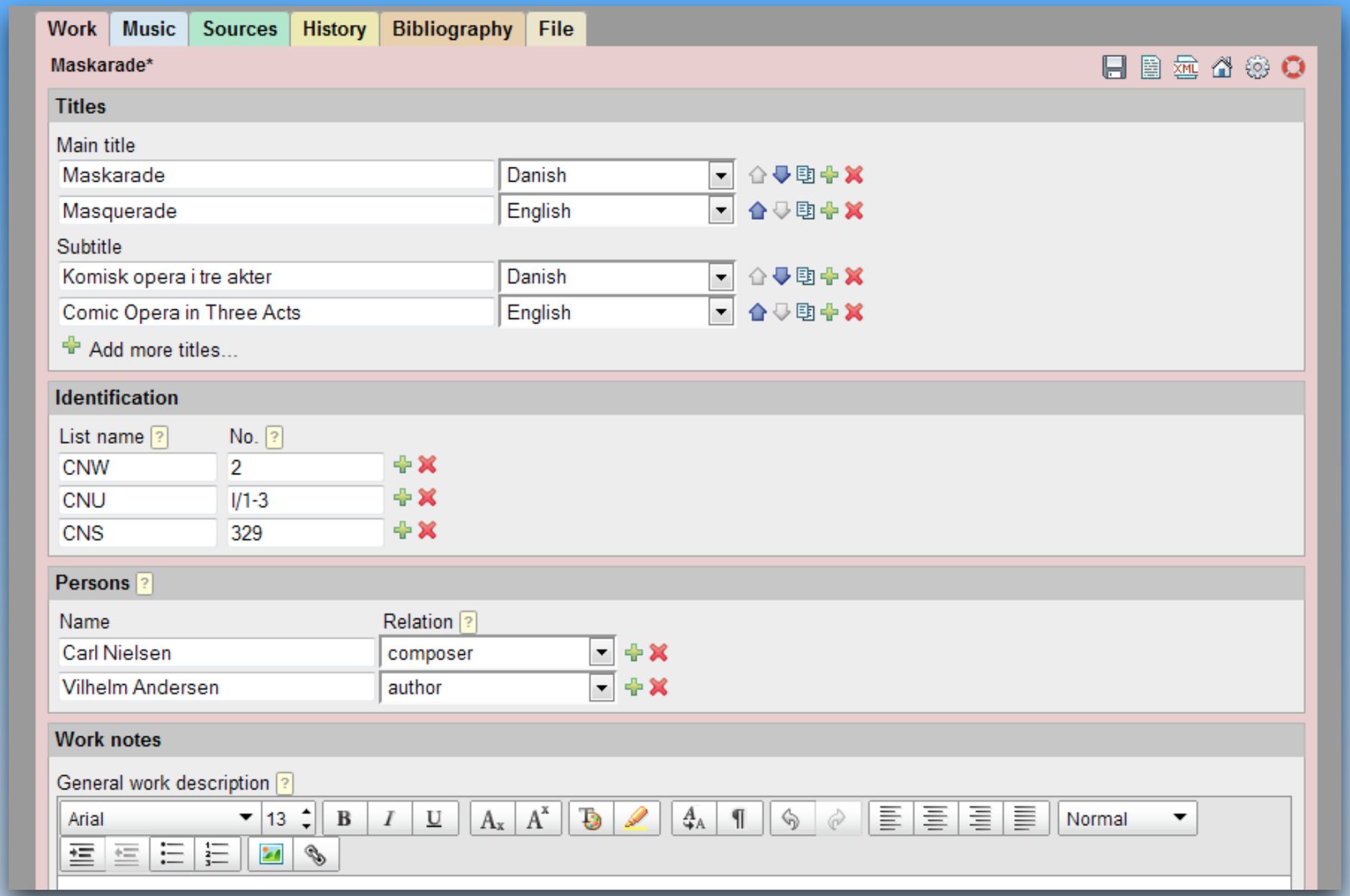
only Group 1 entities

MusCat 3

RISM

MerMEId



http://www.kb.dk/en/nb/dcm/projekter/mermeid.html

Detmold Court Theatre Project (1825–1875)

Print

Manifestation
<source>

Print

Manifestation
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Item

D-B

Item

A-Wn

Item

F-Bn

Item

DK-Kk

Manuscript

Manifestation
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Manuscript

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Manuscript

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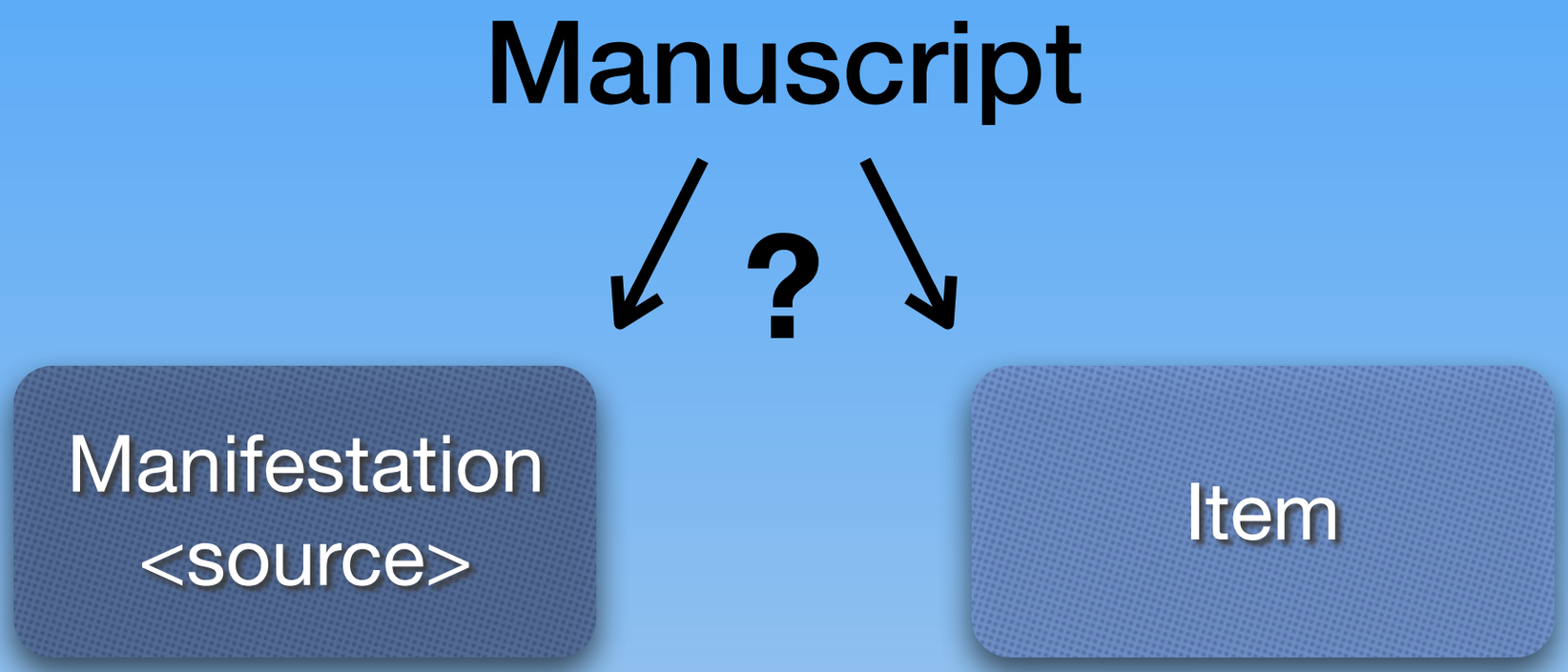
Item


Manuscript
?
Manifestation
<source>
Item

Print

Manifestation
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Item

Item

Item

Print

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Manuscript

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Print

Manuscript

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Manifestation
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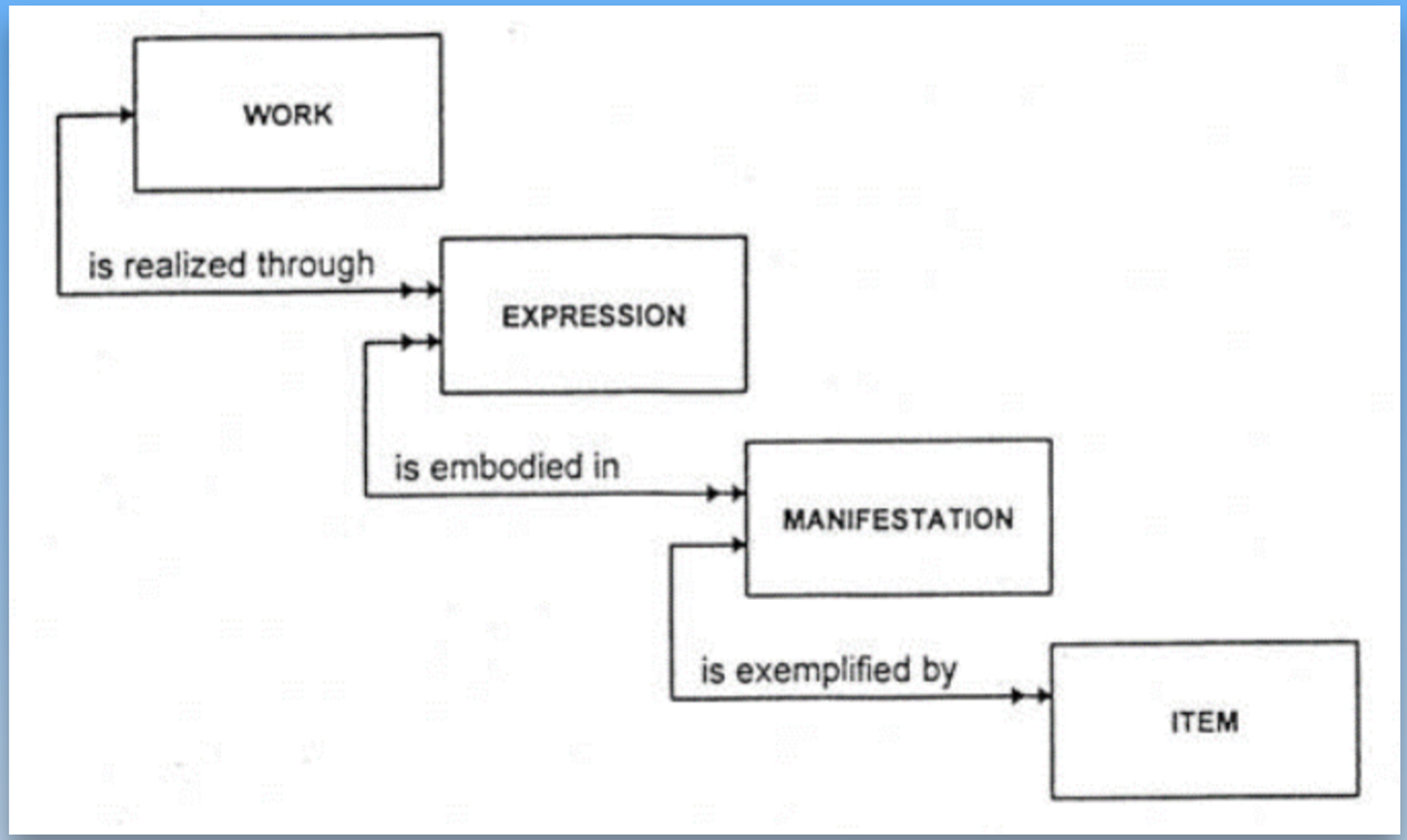
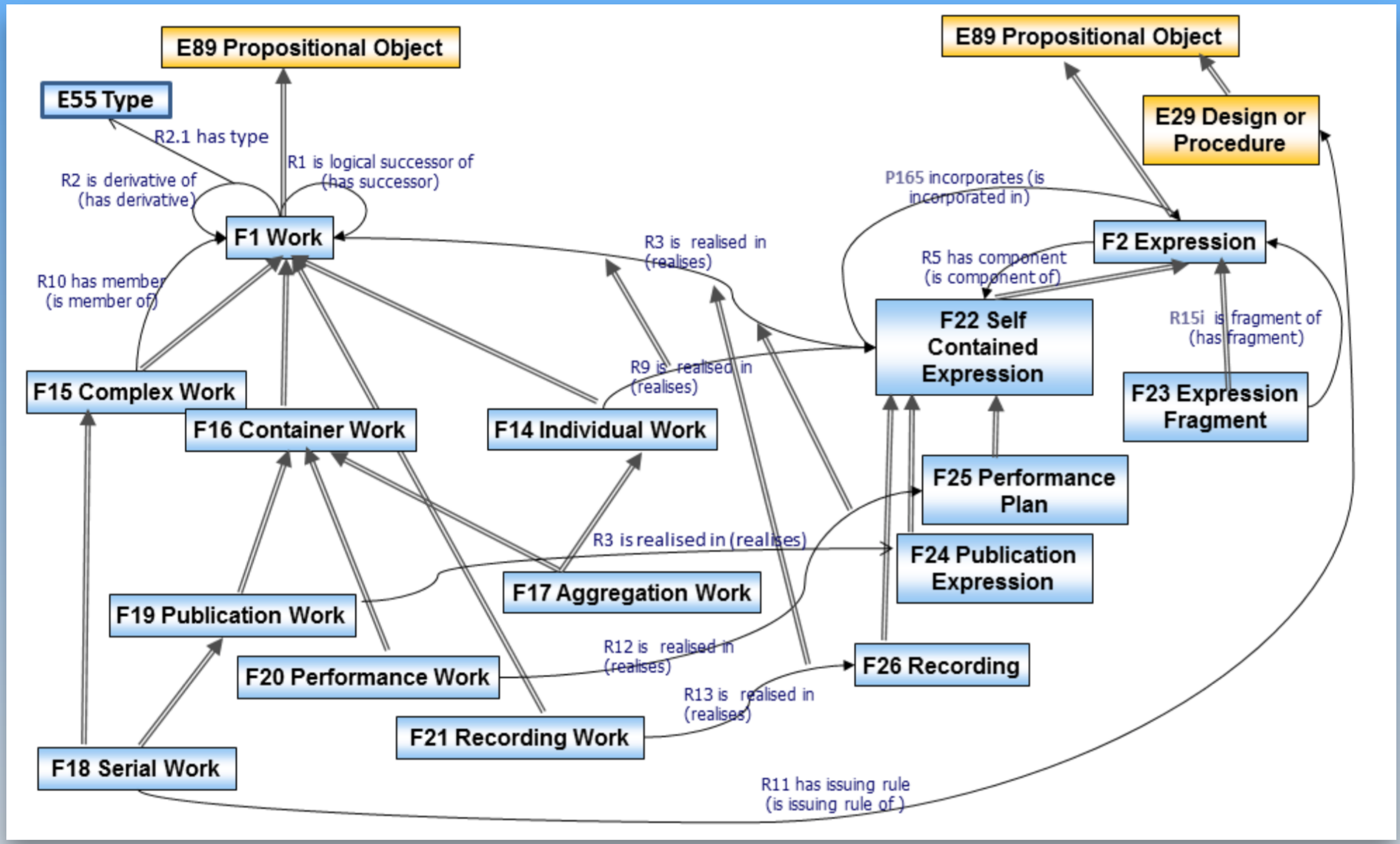
Item

FRBRoo

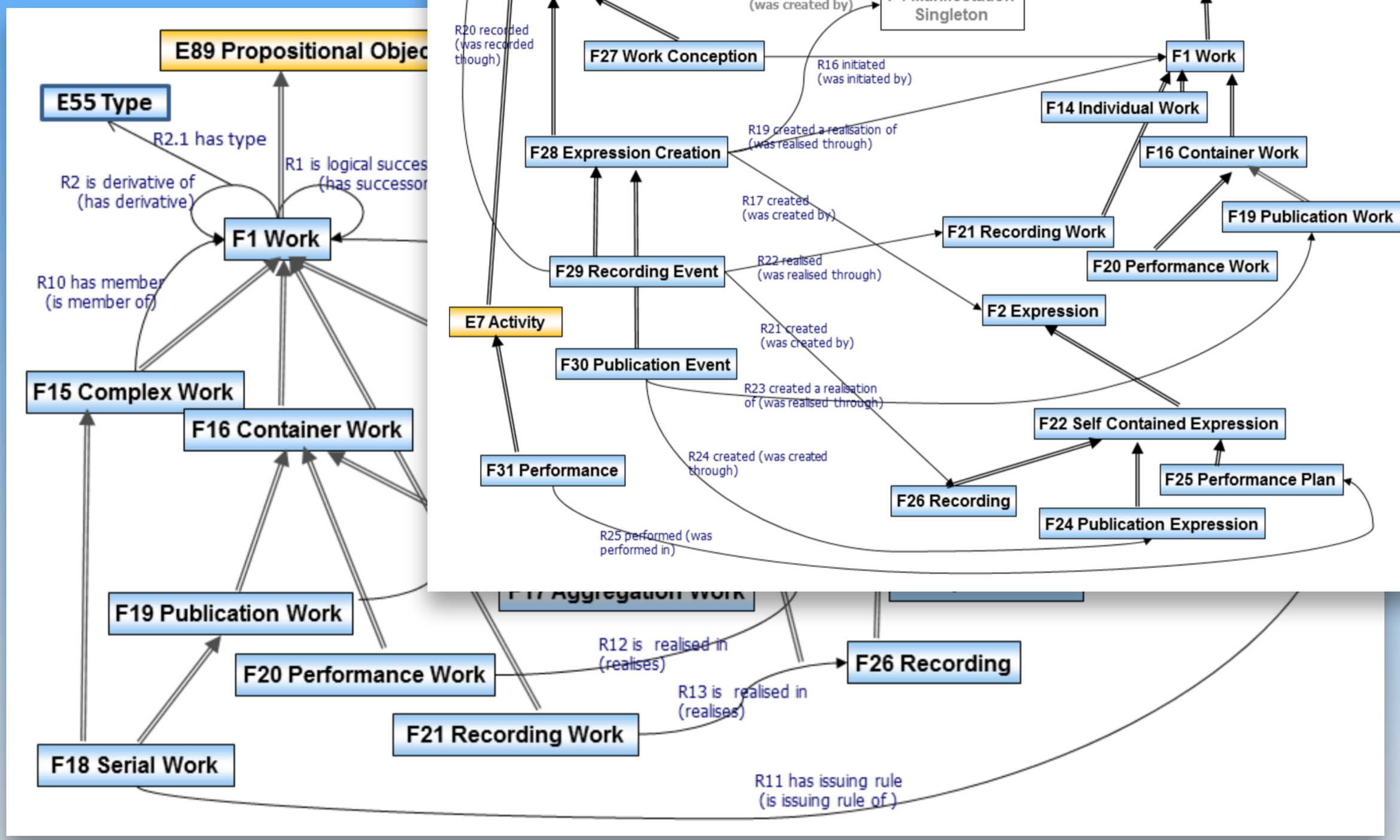
FRBR$_{ER}$


WORK
is realized through
EXPRESSION
is embodied in
MANIFESTATION
is exemplified by
ITEM

FRBRoo


E89 Propositional Object
E55 Type
R2.1 has type
R1 is logical successor of (has successor)
R2 is derivative of (has derivative)
F1 Work
R10 has member (is member of)
F15 Complex Work
F16 Container Work
F14 Individual Work
R3 is realised in (realises)
R9 is realised in (realises)
E89 Propositional Object
E29 Design or Procedure
P165 incorporates (is incorporated in)
F2 Expression
R5 has component (is component of)
F22 Self Contained Expression
R15i is fragment of (has fragment)
F23 Expression Fragment
F25 Performance Plan
R3 is realised in (realises)
F24 Publication Expression
F17 Aggregation Work
F19 Publication Work
R12 is realised in (realises)
F20 Performance Work
F26 Recording
R13 is realised in (realises)
F21 Recording Work
F18 Serial Work
R11 has issuing rule (is issuing rule of)

FRBRoo


E89 Propositional Object
E55 Type
R2.1 has type
R1 is logical succes
(has successor
R2 is derivative of
(has derivative)
F1 Work
R10 has member
(is member of)
F15 Complex Work
F16 Container Work
F19 Publication Work
F20 Performance Work
F21 Recording Work
F18 Serial Work
E5 Event
E65 Creation
R18 created
(was created by)
F4 Manifestation
Singleton
R20 recorded
(was recorded
though)
F27 Work Conception
R16 initiated
(was initiated by)
E89 Propositional Object
F1 Work
F14 Individual Work
R19 created a realisation of
(was realised through)
F28 Expression Creation
F16 Container Work
R17 created
(was created by)
F19 Publication Work
F21 Recording Work
R22 realised
(was realised through)
F29 Recording Event
F20 Performance Work
F2 Expression
E7 Activity
R21 created
(was created by)
F30 Publication Event
R23 created a realisation
of (was realised through)
F22 Self Contained Expression
F31 Performance
R24 created (was created
through)
F26 Recording
F25 Performance Plan
F24 Publication Expression
R25 performed (was
performed in)
F17 Aggregation Work
R12 is realised in
(realises)
F20 Performance Work
F26 Recording
R13 is realised in
(realises)
F21 Recording Work
R11 has issuing rule
(is issuing rule of)

FRBRoo

FRBR$_{OO}$

FRBR$_{ER}$

FRBR$_{OO}$

FRBR$_{ER}$

CIDOC-CRM

FRBR$_{OO}$

FRBR$_{ER}$

CIDOC-CRM

F1 Work

F1 Work

F2 Expression

F1 Work

F2 Expression

F3 Manifestation Product Type

F1 Work

F2 Expression

F3 Manifestation Product Type

F4 Manifestation Singleton

Arnold Schönberg

Pierrot Lunaire op.21

Aufführungsrecht vorbehalten.
Droits d'exécution réservés.

1. Mondestrunken.

Arnold Schönberg, Op. 21.

Bewegt (♩ ca 66)

Flöte.
Geige. pizz. *pp* mit Dämpfer
Violoncell.
Rezitation. Bewegt (♩ ca 66) *p* Le vin que par les yeux on boit
Klavier. Bewegt (♩ ca 66) *pp*

Den Wein, den man mit Au-gen trinkt,

gießt

Fl. *p* *ff* *fpp*
G. *f* *pp*

⑤ Lend sur nous du ciel

Ris naître

pp *pp* Flori-

nachts der Mond in Wo - - - gen nie - der,

und ei - ne

pp *f* *tr* *sf* *pp*

Fl. *pp*
G. arco Flag. (c)

Mont est suivi de

⑩ (gesungen) (gesprochen)

Spring - flut ü - ber - schwemmt den stil - len Ho - ri - zont.

pp *pp* *pp*

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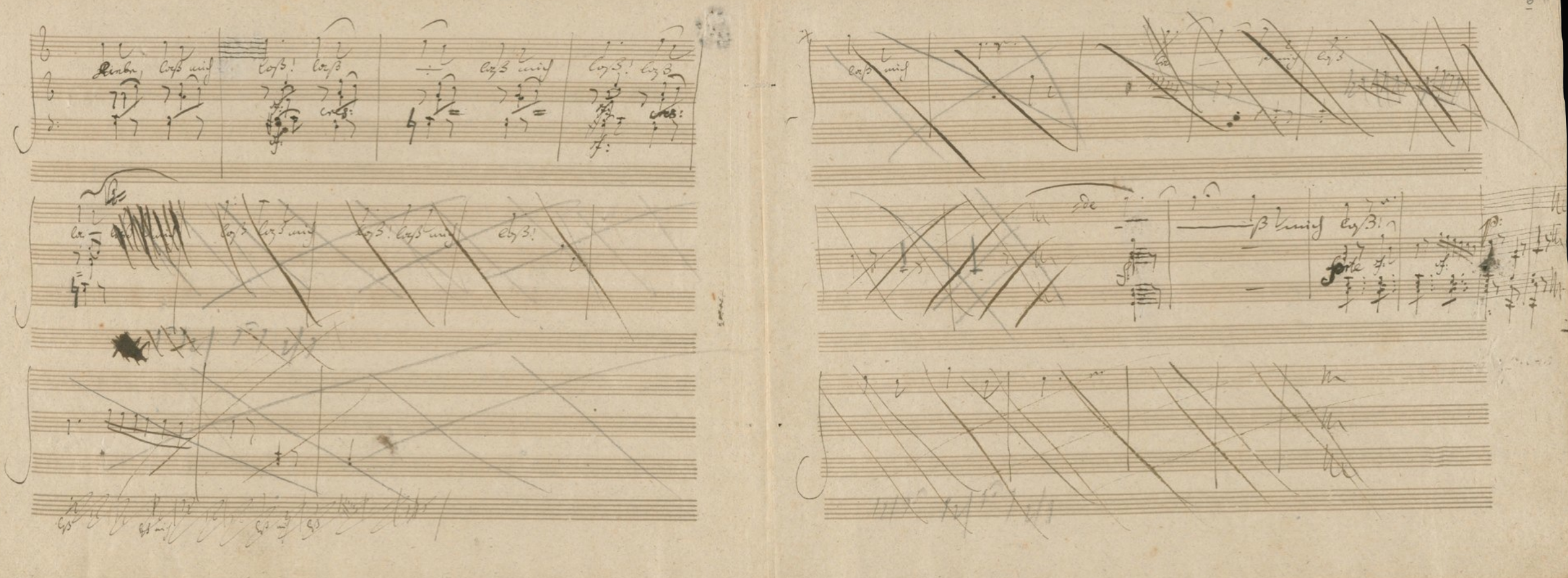
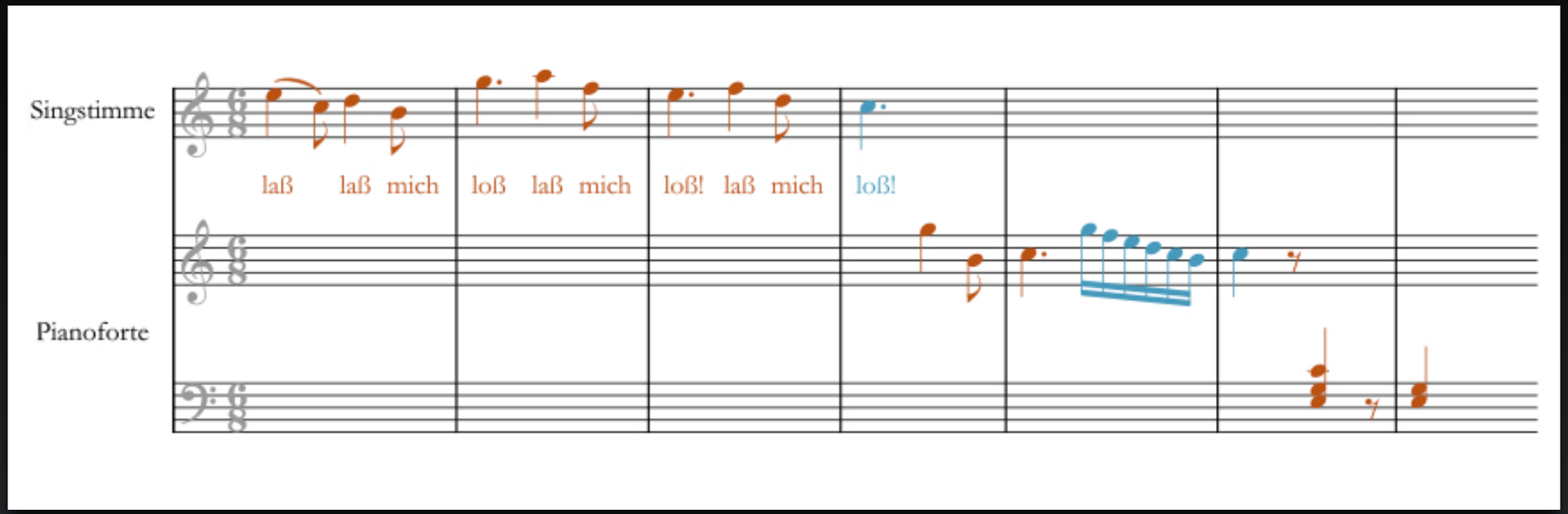
BEETHOVENS WERKSTATT

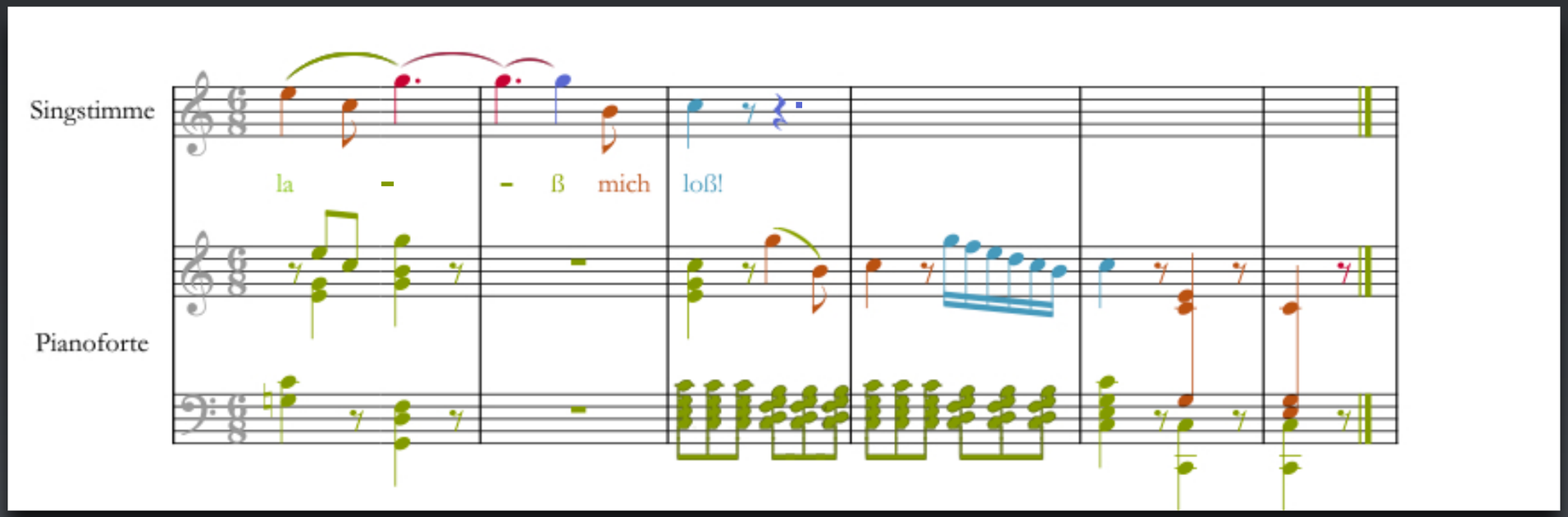
GENETISCHE TEXTKRITIK UND DIGITALE MUSIKEDITION



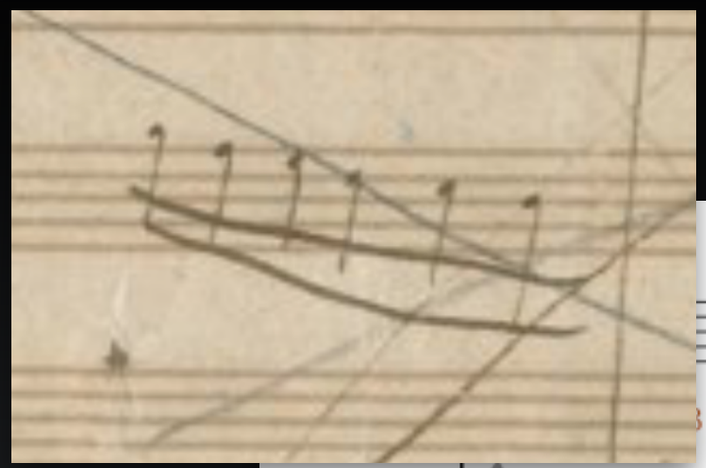
Autograph Op. 75, Nr. 2, D-BNba, HCB Mh 34, fol. 5v–6r

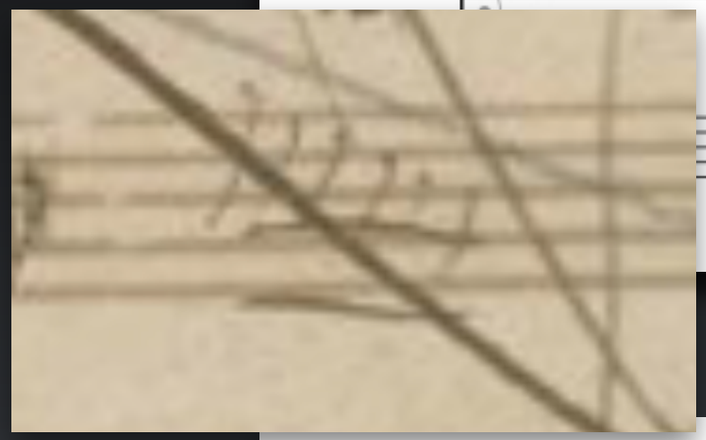
Invariance

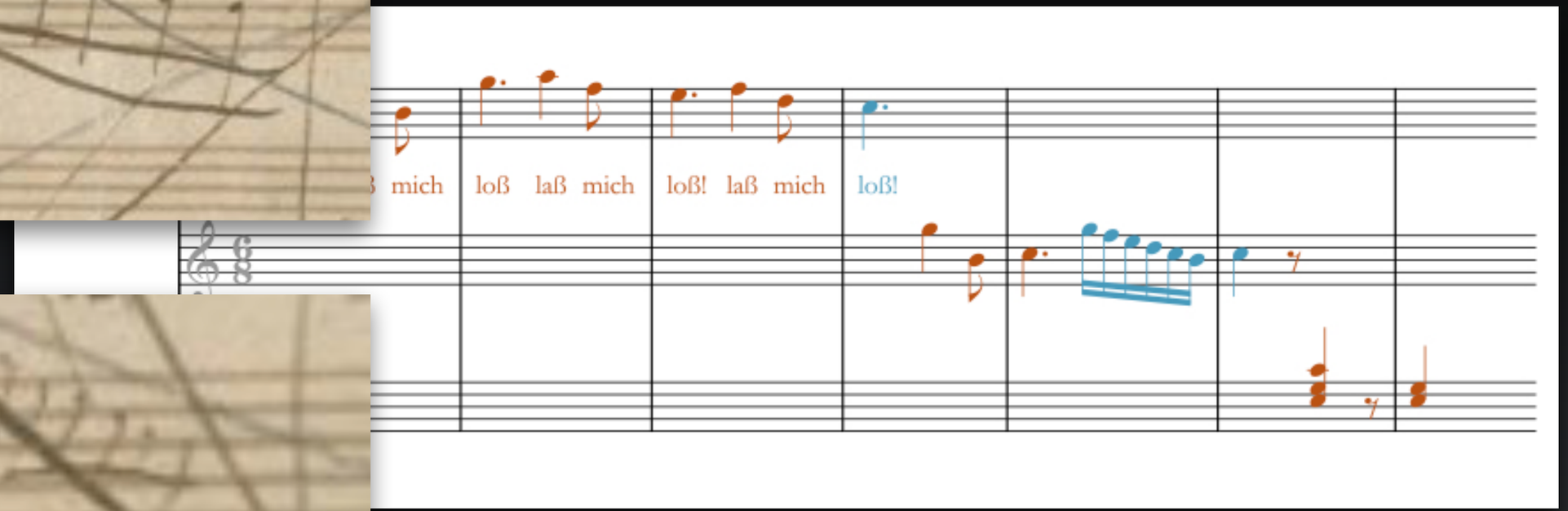

Singstimme
laß laß mich loß laß mich loß! laß mich loß!
Pianoforte

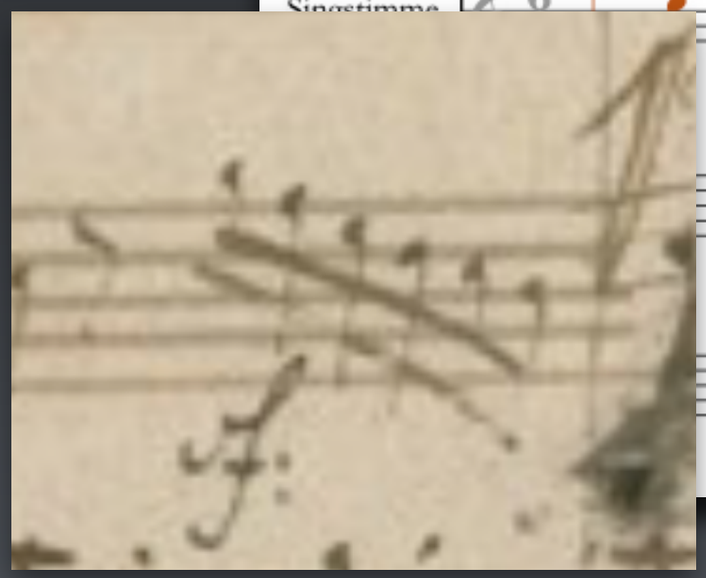

Singstimme
la – – ß mich loß!
Pianoforte

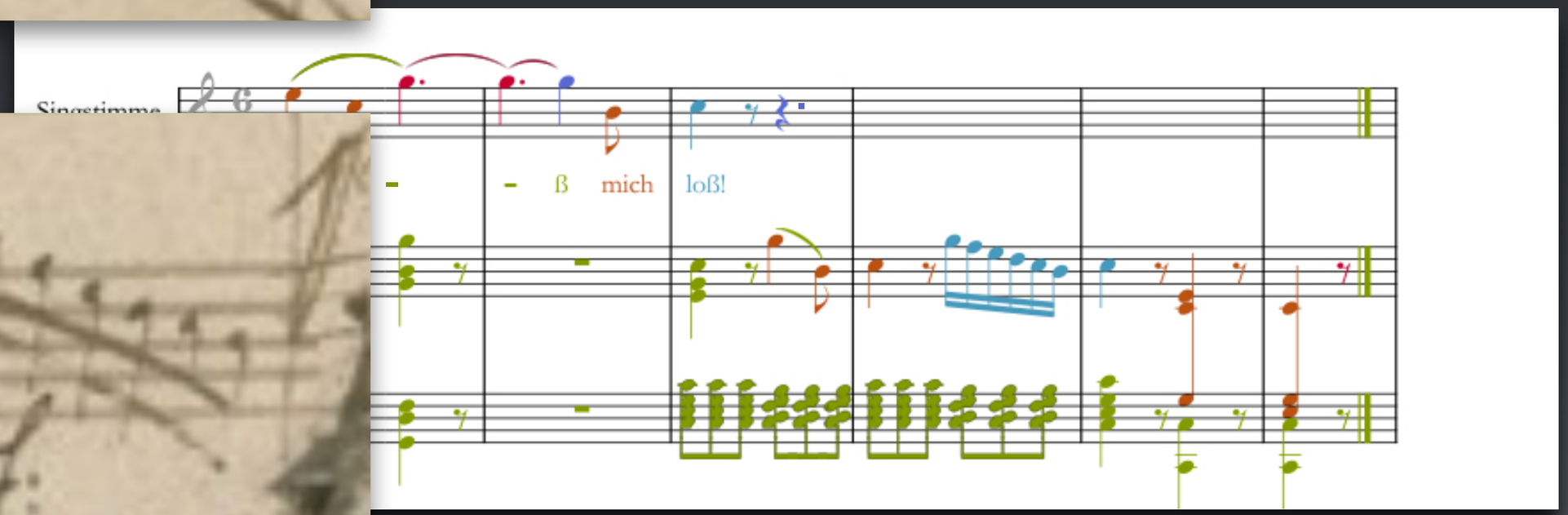
Invariance



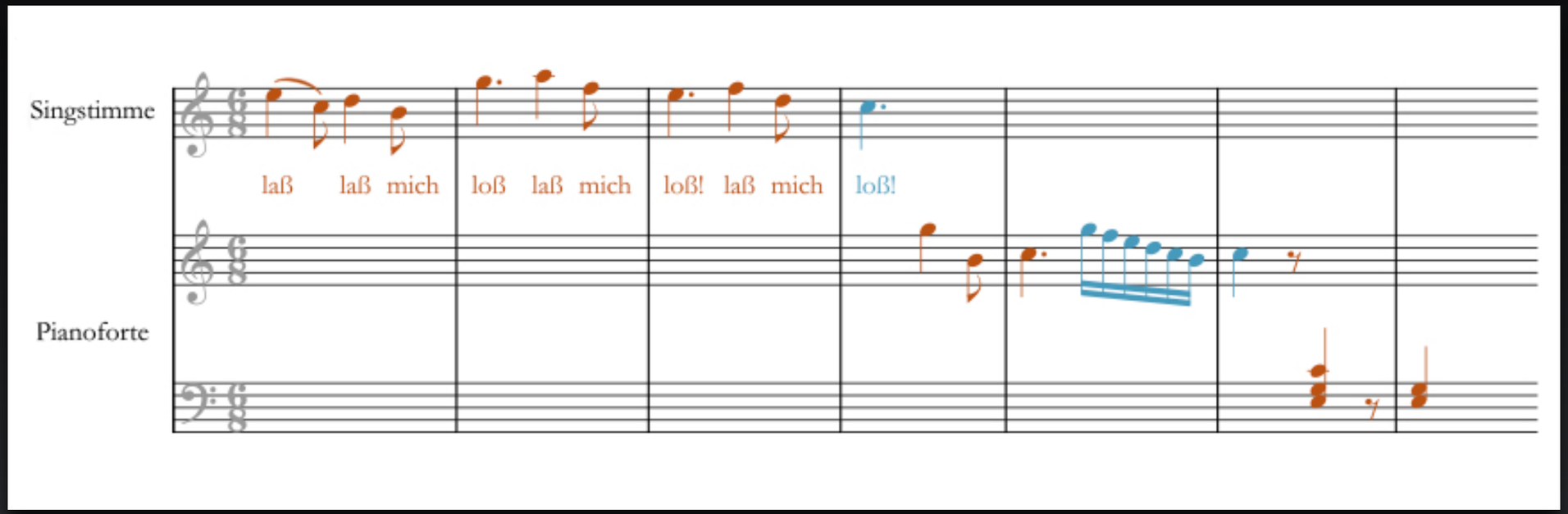


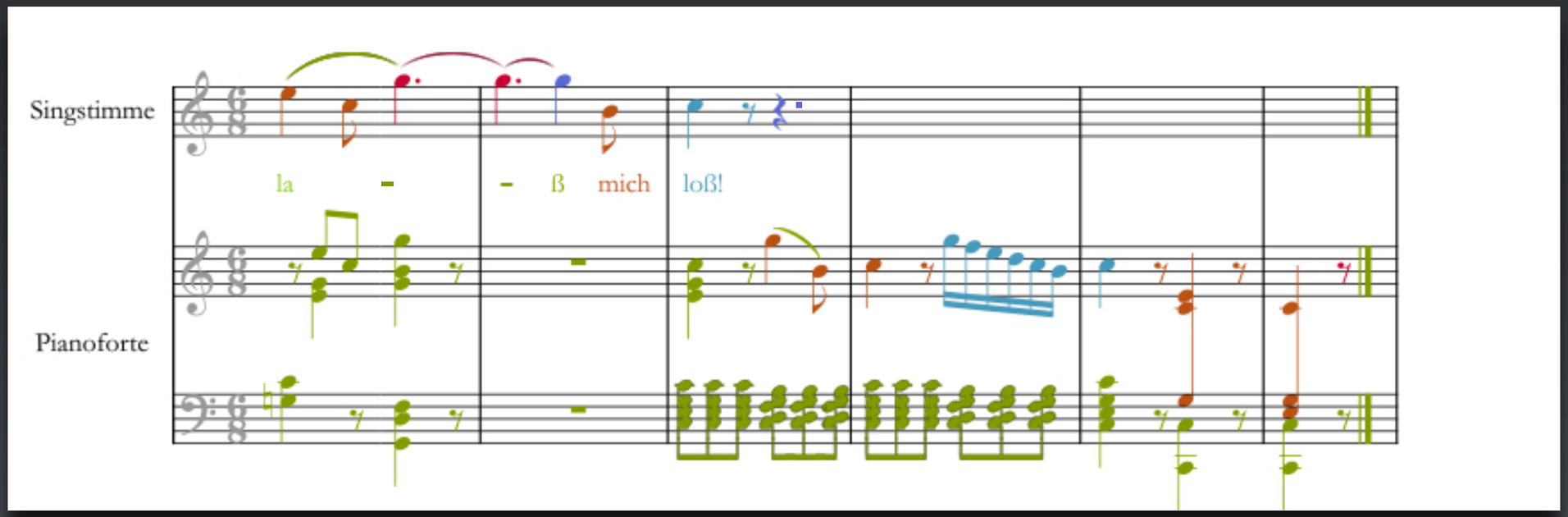




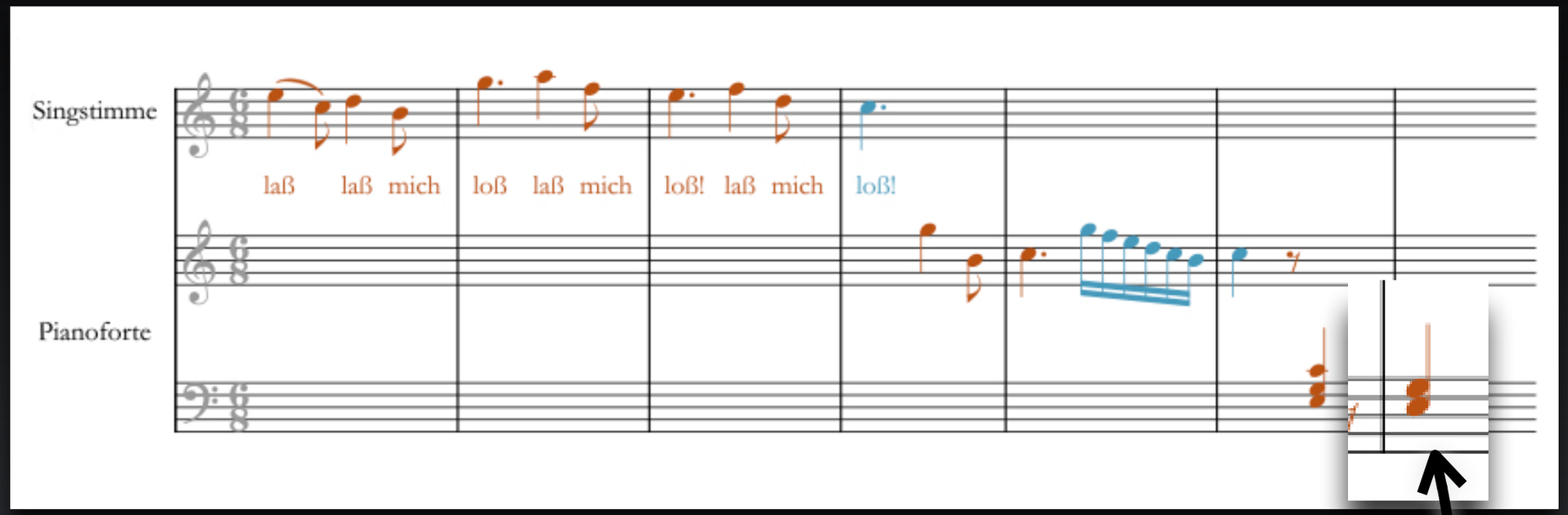


Invariance

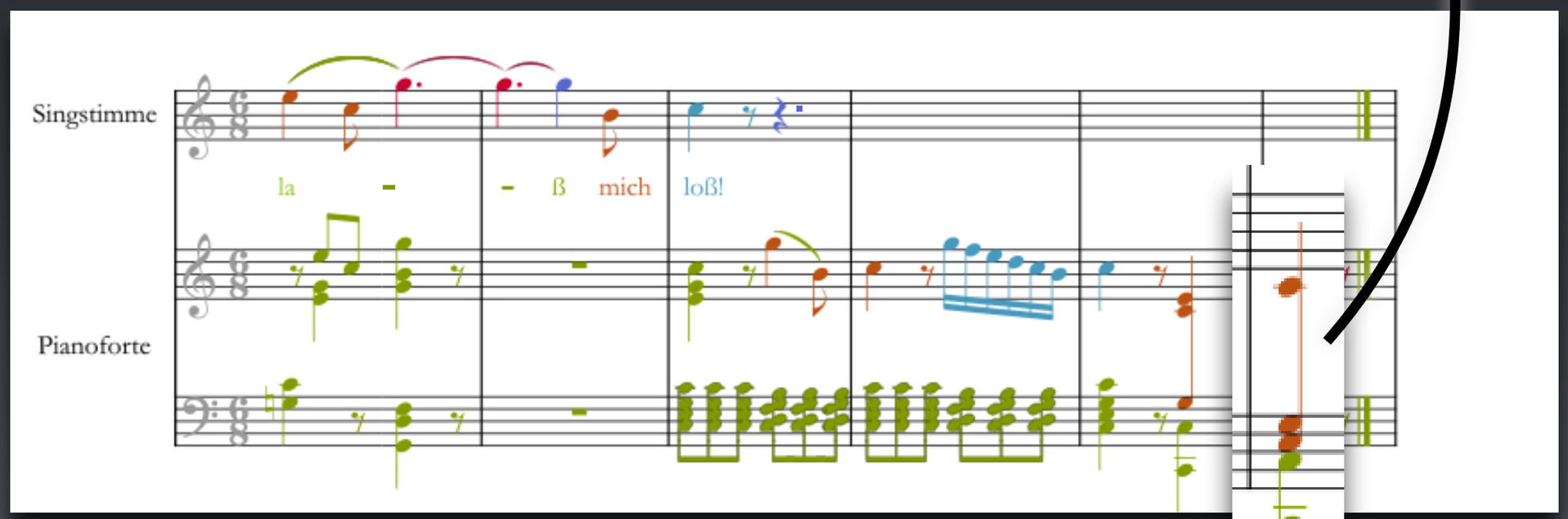

Singstimme
laß laß mich loß laß mich loß! laß mich loß!
Pianoforte


Singstimme
la – – ß mich loß!
Pianoforte

Invariance



chord below *isReconfigurationOf* chord above



use FRBR terminology for content

use FRBR terminology for content

(not bibliographic records)

F27 Work Conception

F27 Work Conception

F28 Expression Creation

F27 Work Conception

F28 Expression Creation

F22 Self-Contained Expression

F27 Work Conception

F28 Expression Creation

F22 Self-Contained Expression

F23 Expression Fragment

Conclusion

Conclusion

FRBR$_{OO}$ and **MEI** are (mostly) compatible

Conclusion

FRBRoo and **MEI** are (mostly) compatible

FRBRoo resolves existing issues

Conclusion

FRBR$_{OO}$ and **MEI** are (mostly) compatible

FRBR$_{OO}$ resolves existing issues

FRBR$_{OO}$ should allow content-level statements

Conclusion

FRBRoo and **MEI** are (mostly) compatible

FRBRoo resolves existing issues

FRBRoo should allow content-level statements

MEI (projects) will do that anyway

thank you

Kristina Richts | Johannes Kepper