Maintenance of mappings

Experiences from the Oslo team by Vibeke Stockinger Lundetræ and Grete Seland

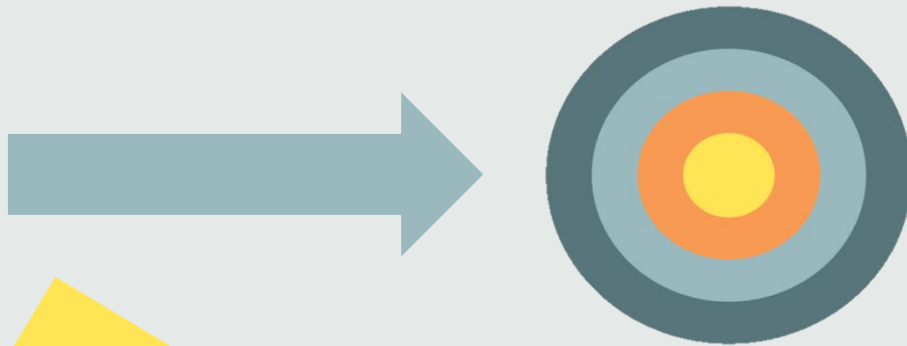**Mapping to Norwegian WebDewey**

Presentation structure

- The need for maintenance – why and how

- Example of maintenance of mappings due to
  - source vocabulary change
  - target vocabulary change
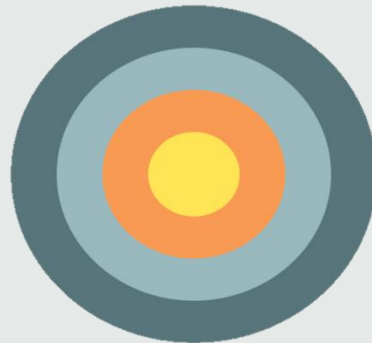
Which source/target vocabulary changes?

New, deleted and updated concepts

- Merging and splitting of source concepts
- Creation of new DDC subclasses

What happens to the mappings?

Redirect mapping

Reconsider relationship

Example of source vocabulary change: Splitting of source concept

Music
Used for Art music
Used for Musicology

Today's "source concept bundle"

Music

Used for: **Art music** ← hierarchical relationship to preferred term

Used for: **Musicology** ← associative relationship to preferred term

Today's 16 mappings (before splitting):
One exact equivalence
One inexact equivalence
One broader mapping
13 related mappings

Existing mappings for
the "concept bundle" Music

Exact equivalence The concept corresponds to the whole Dewey class

Music → 780 Music

Inexact equivalence The concept has a large overlap with the Dewey class

Music → 781.68 Western art music (Classical music)

Broader mapping The concept is narrower than the Dewey class

Music → 203.8 Rites and ceremonies

Related mapping The concept is associated with the Dewey class

Music → 781.69 Nonwestern art music

Related mapping The concept is associated with the Dewey class

Music → + 12 more related mappings

UiO : University of Oslo Library

Mapping to interdisciplinary number

Music
UF Art music
UF Musicology

Exact equivalence The concept corresponds to the whole Dewey class

Music

780 Music

Relative index headings for Music

Music	780
Music *see Manual at* 780	
Music--advertising	659.19/78
Music--arts	T3C--3578
Music--Bible	220.8/78
Music--bibliographies	016.78
Music--education	780.71
Music--ethics	175

etc. ...

Mapping of the Art music aspect of the conceptual content in the "bundle"

Music
UF Art music
UF Musicology

Inexact equivalence
The concept has a large
overlap with the Dewey class

Music

781.68 Western art music (Classical music)

Selection of mapping relationship

781.68   †Western art music (Classical music)

781.68/175   Hybrid styles

Notes

Segmentation Instruction: For 781.681, segment after the 781.68, e.g., 781.68/14

Limited to classical music as a tradition in contrast to other traditions

Class here comprehensive works on traditions of art music

Class classical music in general in 780

For nonwestern art music, see 781.69

The Musicology aspect of the conceptual content in the "bundle"

Music
UF Art music
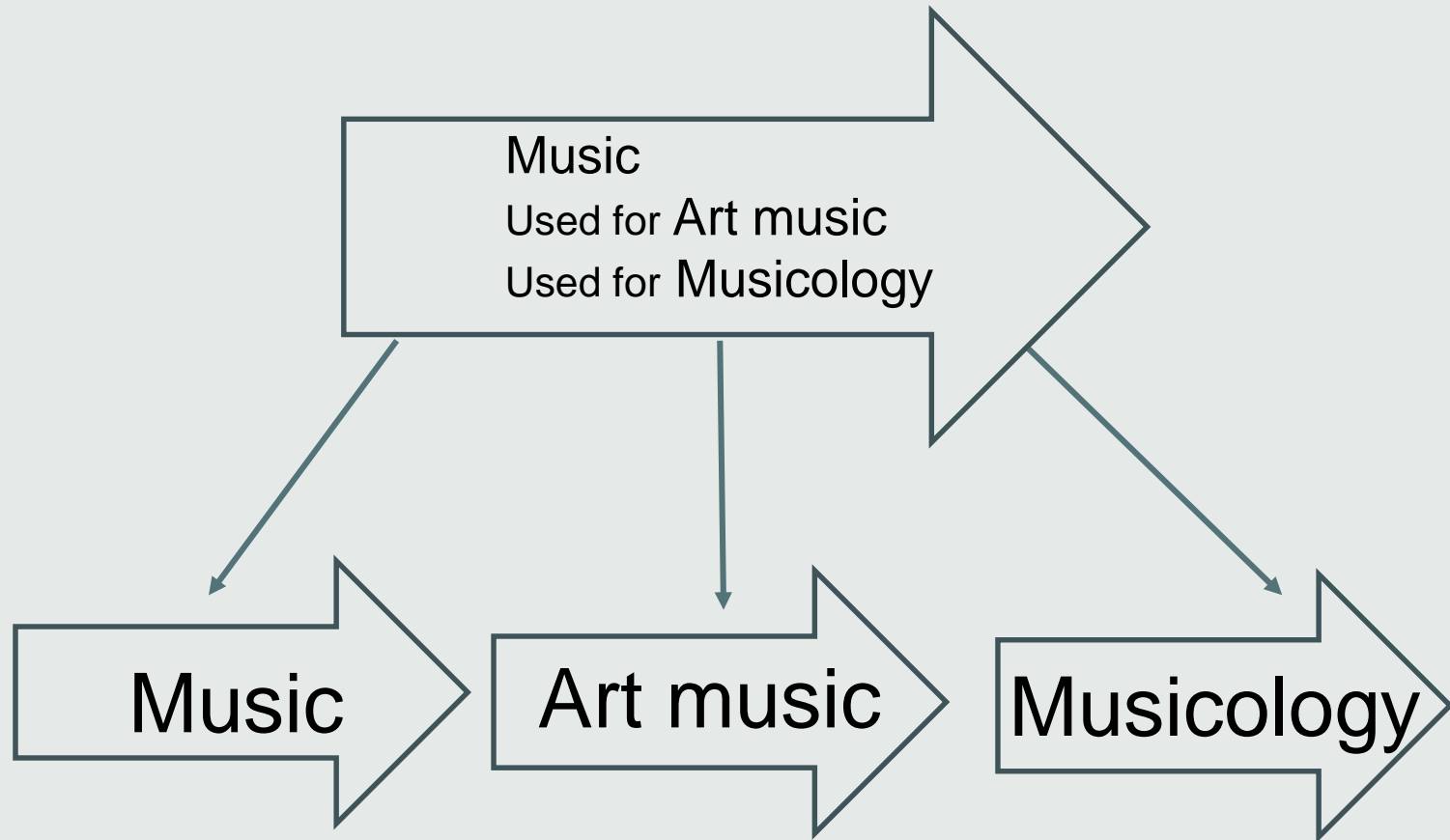**UF Musicology**

No mapping due to the previous mapping to 780
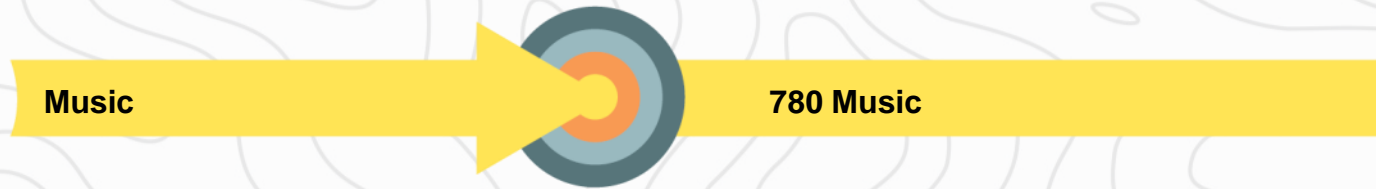
780.72/1   **Research methods**

Notes
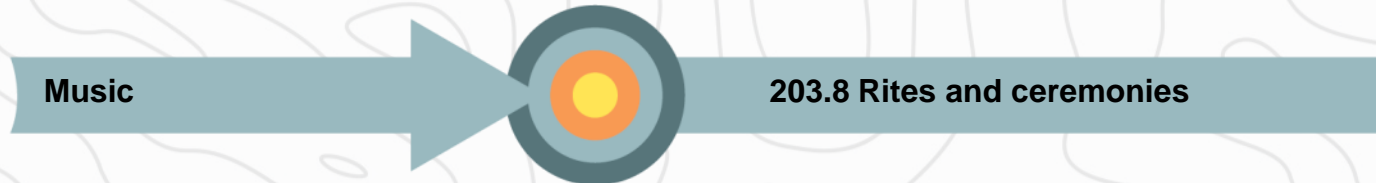
Class here musicology

Splitting of source concept Music

Music
Used for Art music
Used for Musicology

Music

Art music

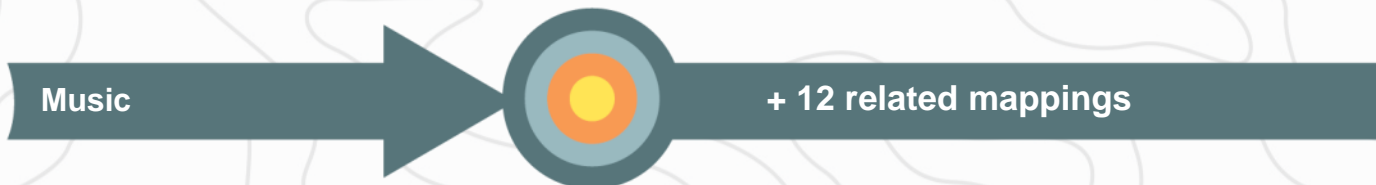Musicology

After splitting: source concept Music

Exact equivalence The concept corresponds to the whole Dewey class

Music → 780 Music

Broader mapping The concept is narrower than the Dewey class

Music → 203.8 Rites and ceremonies

Related mapping The concept is associated with the Dewey class

Music → + 12 related mappings

After splitting: source concept Art music

Art music

Exact equivalence The concept corresponds to the whole Dewey class

Art music → **781.68 Western art music (Classical music)**

Related mapping The concept is associated with the Dewey class

Art music → **781.69 Nonwestern art music**

After splitting: source concept Musicology

Musicology

Inexact equivalence
The concept has a large overlap with the Dewey class

Music

780.721 **Research methods**

780.72/1   Research methods

Notes
Class here musicology
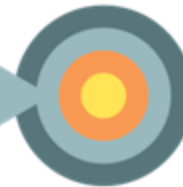
From broader mapping to exact equivalence for subclass

Broader mapping
The concept is narrower than the Dewey class

Lectures → 069.15 Instruction services

069/.15   Instruction services

Notes

Including lectures,   classes, field trips

From broader mapping to exact equivalence for subclass

Exact equivalence The concept corresponds to the whole Dewey class

Lectures → 069.1534 Lectures

Hypothetical new subdivision:

069.1534 Lectures

From inexact equivalence to exact equivalence for subclass

Inexact equivalence
The concept has a large overlap with the Dewey class

Industry → **322.3 Business and industry**

322.3 Business and **industry**

300	Social sciences
320	Political science
322	Relation of the state to organized groups and their members
322/.3	Business and industry

From inexact equivalence to exact equivalence for subclass

Exact equivalence The concept corresponds to the whole Dewey class

Industry → 322.32 Industry

Hypothetical new subdivision:

322.32 Industry

Manual solution today (in pilot tool)

- Source vocabulary: Manual list check

- Target vocabulary: No updating yet

Mapping tool: basic requirements

- List of changes in source and target vocabulary

- Tick-off function ✔

- Switching between change management and review page
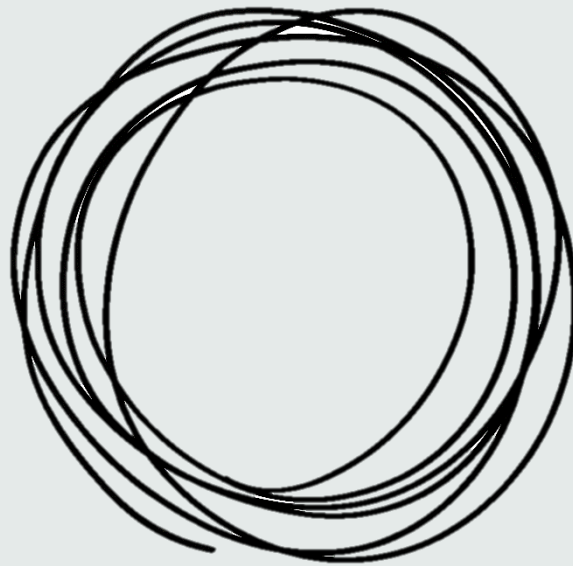
Mapping tool: next steps

- Context-dependent advice

- One-click mapping maintenance of certain kinds of source/target changes

Approve

The mapping circle

Maintenance

Mapping

Review