Introduction to the da|ra Metadata Schema 4.0:
Changes and Implementation
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Interoperability
Why we are here today...

- 08|2011: Release of Version 1
- 10|2011: Release of Version 2.2
- 03|2012: Release of Version 2.2.1
- 03|2014: Release of Version 3.0
- 10|2014: Release of Version 3.1
- 12|2017: Release of Version 4.0

Technical Report
XSD Examples

da|ra Metadata Schema 4.0
How to read and what to find in the Technical Report/XSD/Examples

names & sequence numbers

cardinality

definitions & usage notes

value domains

attributes

conditions
Overview of changes between 3.1 & 4.0

- new metadata properties
- renamings
- new and updated controlled vocabularies
- standardized language codes
- multilingual support
New metadata properties

- **embargoDate**
  - (within availability)

- **publisher**
  - (with subproperty person or institution)

- **award**
  - (with subproperty awardNumber, awardURI, awardTitle within fundingReference)

- **schema**
  - (within freeKeyword)

- **fundingReferences**
  - (with subproperty person or institution)
Renamings

- `rightsText` → `freetext`
- `availabilityText` → `freetext`
- `modeFree` → `freetext`
- `glPlace` → `publicationPlace`
List of all Controlled Vocabularies

- resourceType
- contributorType
- funder -> fundingReference
- timeDimensionControlled
- collectionModeControlled
- DDI 3.2 -> ModeOfCollection
- unitType
- DDI 3.2 -> AnalysisUnit
- pidType
- NEW type -> IGSN
- descriptionType
- NEW types -> Weighting, TechnicalInfo
- schemIdentifierType
- NEW CV in 4.0 -> characterizes the type of funderIdentifier
- licenseControlled
- NEW CV in 4.0 -> creative commons licenses
- titleType
- availabilityControlled
- No changes between 3.1 and 4.0
docType
relationType

Values were changed from IDs to human readable code

⚠️
Language Codes

**ISO 639-1**
for all metadata information of the new da|ra metadata schema

**ISO 639-3**
for the da|ra metadata property „resourceLanguage“
Multilingual Support

- resourceTypeFree
- title
- collectiveTitle
- availabilityFree
- right
- freeKeyword
- universe
- sampling
- note

- otherTitle
- description
- geographicCoverageFree
- temporalCoverageFree
- timeDimensionFree
- frequency
- collectionModeFree
- dataType
- classificationExternal

No multilingual support for affiliationName & institutionName anymore

only once in each language

repeatable regardless of language
Takeaways

- da|ra metadataschema supports compatibility to DataCite, DDI, ISO and Dublin Core
- changes:
  - additional metadata properties
  - renamings
  - multilingual support
  - new and updated CVs with human readable codes
- further information and documents available...
Additional Resources

- **PDF**: Documentation of version 4.0: Technical Report
- **XSD**: The XML Schema
- **XML**: Examples for various resource types
Next presenter:

- Dimitar Dimitrov