



## Introduction to DDI and Colectica for Questionnaires

Colectica Webinar for Statistics Denmark

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### Introduction to DDI and Colectica

1. Question and Answer
2. Colectica Demonstration
3. Discussion: end-to-end metadata



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### Question 1: Modular structure

- DDI 3.1 enforced a modular structure
  - XML contains content and arbitrary packaging
- DDI 3.2 simplifies this with Fragments
  - XML only needs to describe the actual content being modeled
- DDI 4 deprecates the modular structure
  - Only actual content can be represented



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## Question 4: LogicalProduct and PhysicalInstance

- LogicalProduct is pure packaging
- These DDI elements model datasets:
  - ▣ PhysicalInstance
  - ▣ DataRelationship
  - ▣ LogicalRecord
  - ▣ Variable
  - ▣ NCube



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## Question 2: Identification in DDI

- Identifiable, Versionable, Maintainable
  - ▣ Why three types in DDI?
- Colectica uses a single type of identification
- DDI 4 plans to use this single type of identification



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## Question 3: Name, Label, Description

- What is the distinction?
- Background and future plans
  - ▣ Name ...
  - ▣ Label ...
  - ▣ Description is intended for definitions or other lengthy prose about the item
- Recommended use
  - ▣ What to put in name vs label?



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## Colectica Demonstration

1. Create the questionnaire
2. Create PDF, Word, and HTML documentation
3. Create PDF, Word, and HTML forms
4. Create Blaise source code
5. Publish to a Repository/QuestionBank



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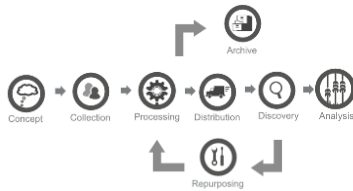
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## The Data Lifecycle

- Document the full data lifecycle in a standard, integrated manner



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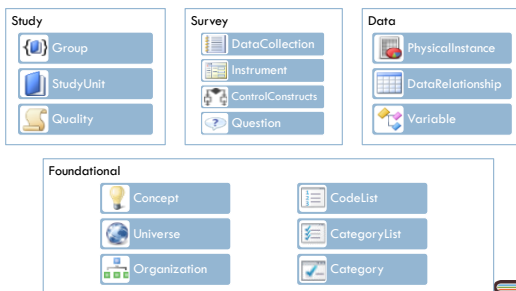
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## DDI at a Glance



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## Metadata-driven Processes

- Define metadata once
- Generate documentation
  - ▣ PDF, Word, HTML
- Populate CAI systems
  - ▣ Out of the box: Blaise, CASES, CSPro, RedCAP, queXML
  - ▣ Custom systems: possible with addins



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Thank you

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