2,7 high level CAR

Challenges

1. Existing Systems
   1. Mapping existing information
   2. Moving from unstructured prose to a structured description
2. Understanding the scope of DDI content
   1. Seeing commonalities and not focusing on differences when choosing a model
   2. Which DDI product is appropriate (codebook vs lifecycle)
3. Navigating documentation
   1. Finding properties of DDI items
4. Technical implementation challenges

Approaches

1. Iterative approach to transitioning from existing systems
   1. Clear,concise,examples on which more detail can later be built
   2. Highlight successful projects using the standard
   3. Managing collaboration between developers and subject matter experts during requirements gathering and system creation
   4. Ensure that buy-in/support exists from management and technical staff
2. Training workshops
   1. Both technical training and content model training
   2. Understand the actual functionality and topic areas within DDI’s scope
   3. Convey a conceptual understanding before a deep dive into individual topic areas
   4. Highlight the difference of capabilities in Codebook and Lifecycle. Also with SDMX and GSIM.
   5. Create a mapping from DDI and new schema.org dataset properties
3. Look at Resources
4. Approaches to technical implementation challenges
   1. Know your system requirements, and plan your project to match
   2. Read the DDI best practice paper
   3. Quickstart for popular languages/frameworks. Code samples in developer training material

Resources

* <https://ddialliance.github.io/ddimodel-web/>
  + DDI Conceptual documentation
* <http://www.ddialliance.org/Specification/DDI-Lifecycle/3.2/XMLSchema/FieldLevelDocumentation/>
  + DDI Implementation documentation
* <http://www.ddialliance.org/controlled-vocabularies>
  + DDI Controlled vocabularies list and definitions
* <https://docs.colectica.com/designer/manage-content/>
  + Colectica DDI model guide
* <https://www.colectica.com/longitudinal-data-portals/>
  + Example DDI projects
* <http://www.ddialliance.org/resources/markup-examples>
  + DDI XML Markup examples
* INSEE guidelines for topical areas for questionnaire developers
  + INSEE presentation from EDDI
* <https://github.com/snd-sweden/DDI-API>
  + .net library for DDI 3.1 and 3.2
* <http://www.ddialliance.org/system/files/DDI%203.2%20Best%20Practices_0.pdf>
  + DDI best practices paper