HL7 V3 TECHNICAL EDITING: RIM INTRODUCTION

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Original Proposal

1. Document purpose and audience assumptions
2. RIM uses: adopt section from ISO document rather than 1.1.2 “uses”, 1.1.3 “external uses”
3. The RIM as a standard (1.2 ballot and the meaning of “normative”)
    a) Status, releases, ISO, versions
4. RIM framework: core / backbone. Relegate “concepts and design features” to appendix
5. Data 1 dictionary (2-4)
6. Appendix
    a) History of the RIM (current 1.1.1 “history” excluding harmonization,)
    b) RIM process (“harmonization” from 1.1.1)
    c) Concepts and Features: use content from Wiki where appropriate

Updates

- Proposal to coordinate with Core *Principles* document
  - Core *Principles* is to contain key overlaps between RIM, vocabulary, and other artifacts and methodologies
  - Most items in introduction do not fit this description
  - New proposal does not outline Core *Principles*
- Proposal to take into account other framing documents
  - RIM introduction is to provide a reader the tools necessary to read the model
  - New proposal does not focus on ancillary content HL7 process, balloting

Revised proposal

1. Document purpose and audience assumptions
2. Document boundaries
3. User expectations (modeling knowledge, etc.)
4. Description of model and document
5. Design decisions
6. Additional background

Revised proposal

1. Document purpose and audience assumptions
   - Brief mention of V3 interoperability goals, need for shared model
   - Model role in HDF
   - Audiences include
     - Standards developers modeling a domain
     - Methodologists aligning their perspectives
     - Implementers investigating underlying assumptions

Revised proposal

2. Document boundaries
   - This is the information model
   - It does not define process (see *HDF*)
   - It does not define data types (see *Datatypes*)
   - It does not define vocabularies (see *Vocabulary*)
   - It has joins with other key documents as described in Core *Principles*

Revised proposal

3. User expectations
   - Users are expected to have data modeling skills and familiarity with the HL7 standards development process
     - Object modeling
     - UML notation
     - Basic understanding of data types
     - Basic understanding of terminologies
     - Basic understanding of the *HL7 Development Framework*

Revised proposal

4. Description of model and document
   - Meta-model: classes, attributes, associations
     - Packages
     - Design decisions
   - Anatomy of an entry: name, cardinalities, associations, etc.
   - Annotation type definitions

Revised proposal

5. Design decisions
   - USAM
     - Mood
     - Types of act relationships
   - Entity Determiner
   - Role scoping
   - Role link
   - Cardinality and optionality
   - Workflow
   - Context conduction
   - Negation and uncertainty
   - Metaclasses
     - Infrastructure
     - Message
     - Query
     - Structured Documents

Revised proposal

6. Additional background
   - Normative and Informative documentation
   - History of the RIM
   - Harmonization

Next Steps

- Determine approach
  - Accept or revise recommendation
  - Schedule composition / organization
  - Schedule editing