

[slide-1] - Stan's List of Requirements

Requirements

- Architect – manage the architecture, task master – Harold
 - Reference Model – solidified
 - Terminology Binding Model - #1 – Meeting next Tuesday, Sarah will send out a note
 - Goal – DSTU for ADL 1.5 / CIMI
 - Validator for ADL AOM – Thomas Beale
 - Validator for UML AOM –
 - openEHR Java Compiler, needs to move to 1.5
 - Style guidance and patterns – Linda, William, Gerard, Rahil, Daniel (after the end of the month)
 - Each data element singled out w/ exact requirements
 - Patterns for complex combinations
 - Collections that can stand by itself
 - Serious version control – GitHub
 - Unique identifier creator – terminology meeting agenda item
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- Validator for terminology – Harold
 - Valueset concept exists in the terminology
 - Validate that child valueset is a subset of the parent valueset
 - Repository – where do we put things? – Publish to Portavita website
 - Provenance
 - Marking a model as valid
 - Metadata for the model – what has to be recorded – modeling meeting agenda item - Harold
 - Comments and workflow
 - Governance rules (case law) for determining preferred model – Stan, Nicholas, Jamie
 - Model set exploration (filters / etc) – Portavita
 - Viewers – Joey, Patrick, Stan
 - Agree two standard representations of the model
 - MindMap
 - HTML Tree structure

[slide-2] - Points for discussion

Points for discussion

(version 2)

before definitive decisions are made

Gerard Freriks
April 2013

[slide-3] - Links, Modeling styles, Modeling focus

LINKS

- How are links specified in the archetype? (RM, AOM, Archetype)
- Type of links
- Link behaviors
- ...

Modeling styles

- Specialising by giving new names to Nodes (**CIMI class style**)
- Specialising by changing the data fields in LeafNodes starting with one generic pattern (**SIAMM attribute style**)

Modeling focus

- Modeling documents
- Modeling processes (ContSys)

[Slide-4] - Problems encountered

Many of the problems encountered in the Terminology group stem from decisions (or lack of them) regarding:

- LINKS
- Modeling styles
- Modeling focus

SNOMED and Structure

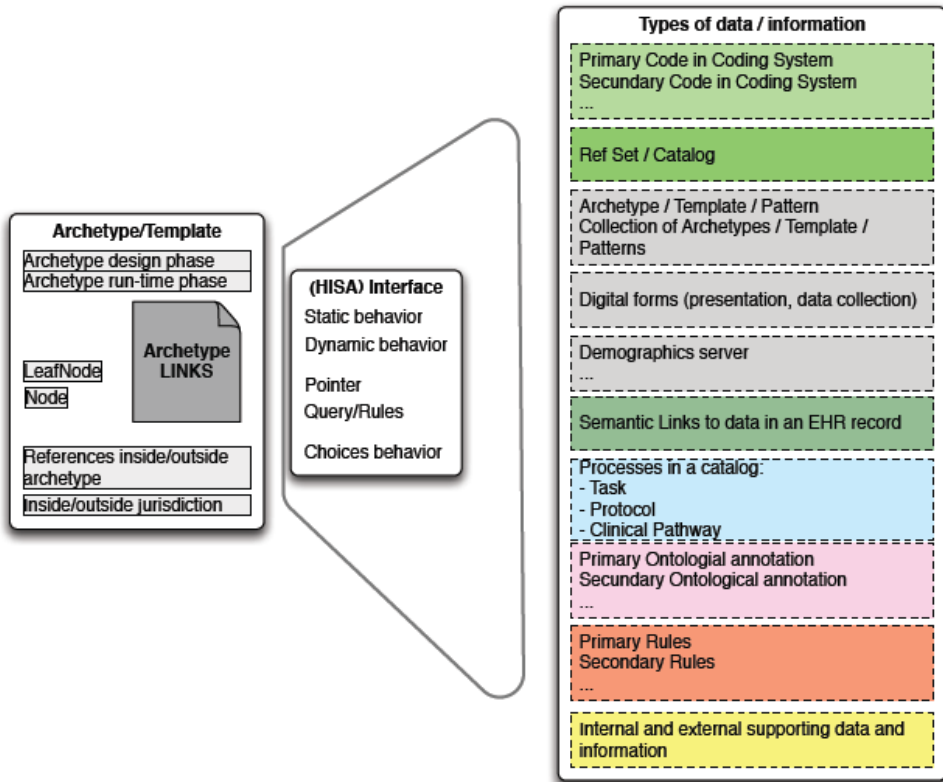
- Will the structure follow the model behind SNOMED?
- Will SNOMED follow the model behind the structure?

- Is the model behind SNOMED as expressive as the archetype?

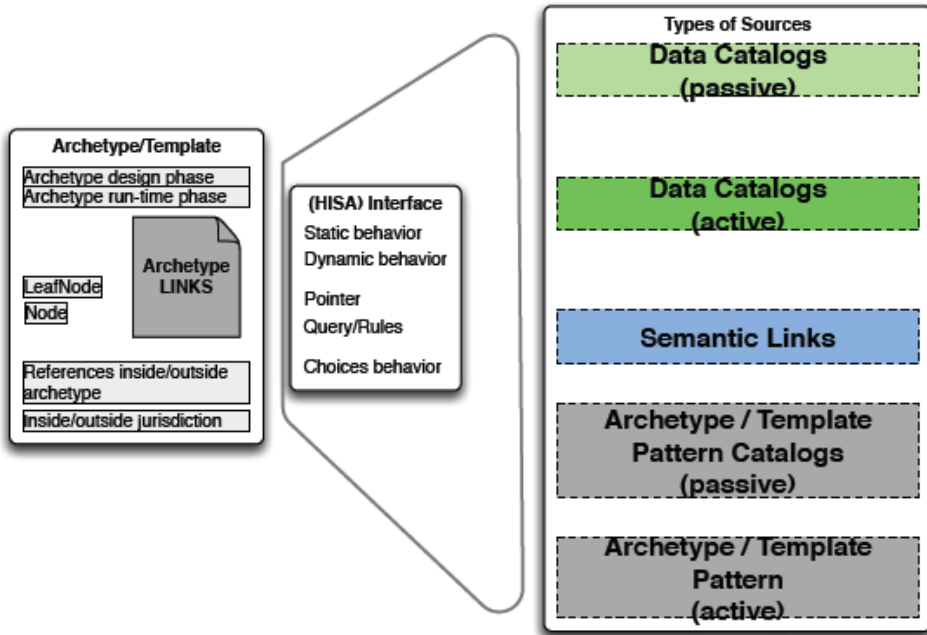
The Modeling style and focus influences how we use codes from coding systems

- Class modeling style: needs the use of complex codes (pre- and post co-ordinated)
- Attribute modeling style: uses simple codes (much less pre- and post co-ordination)

[slide-6] Archetype Template, Types of data/information

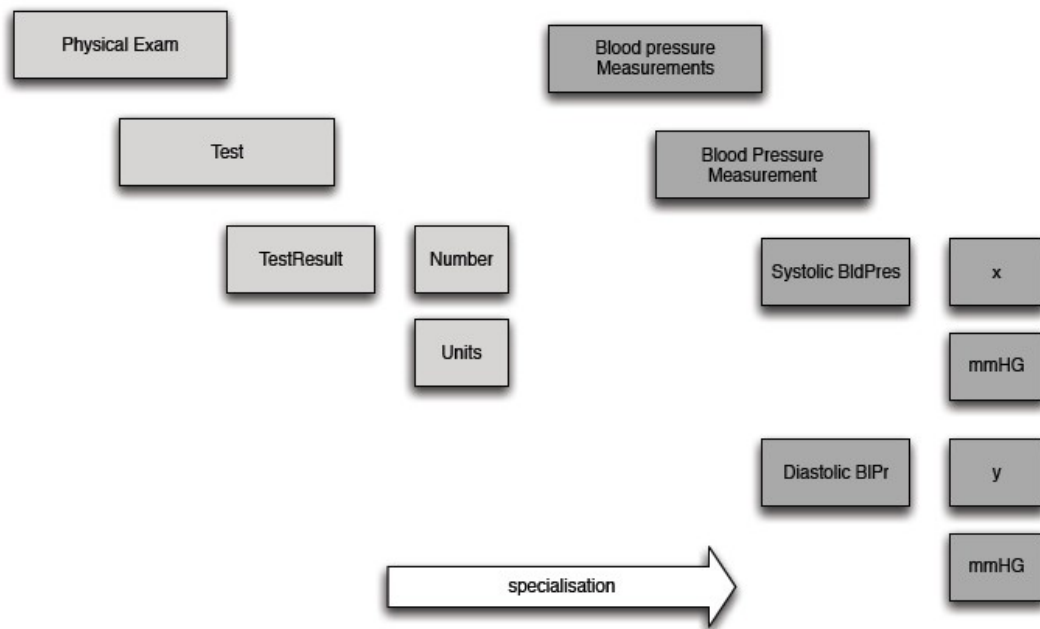


[slide-7] Archetype Template, Types of Sources

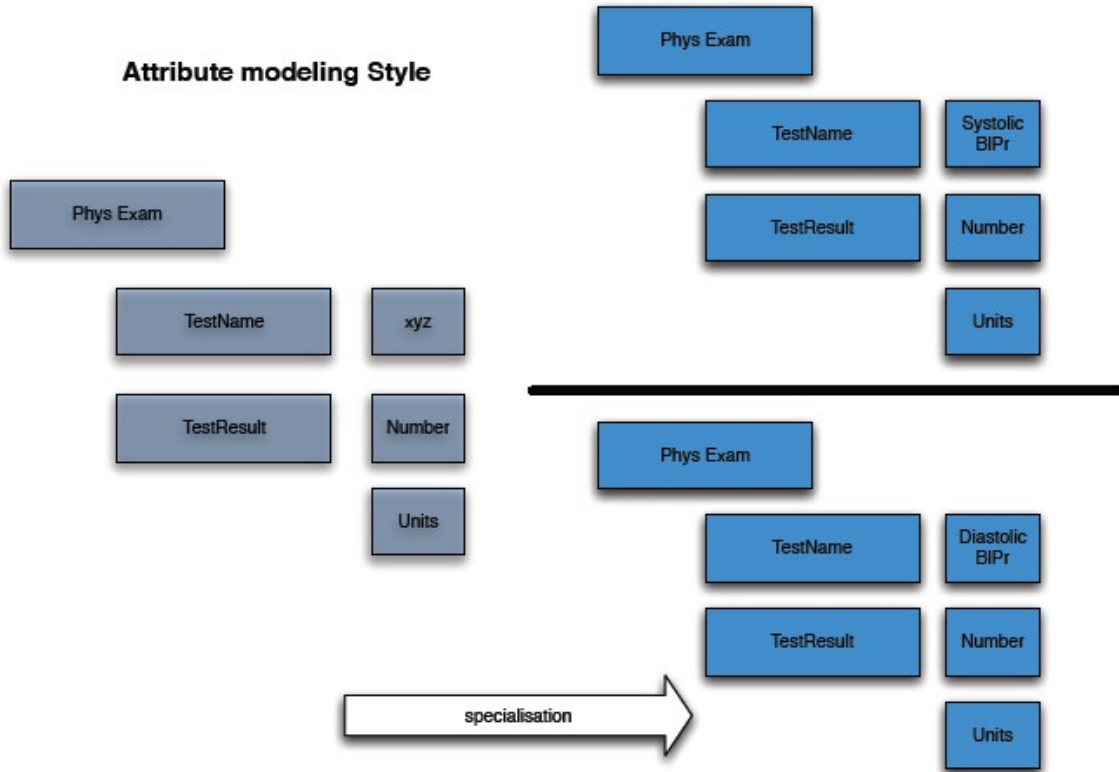


[slide-8] - Class modeling Style

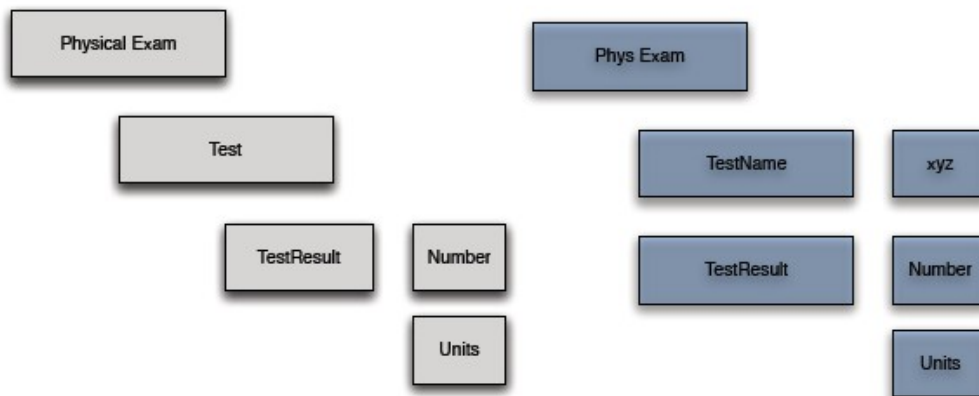
Class modeling Style



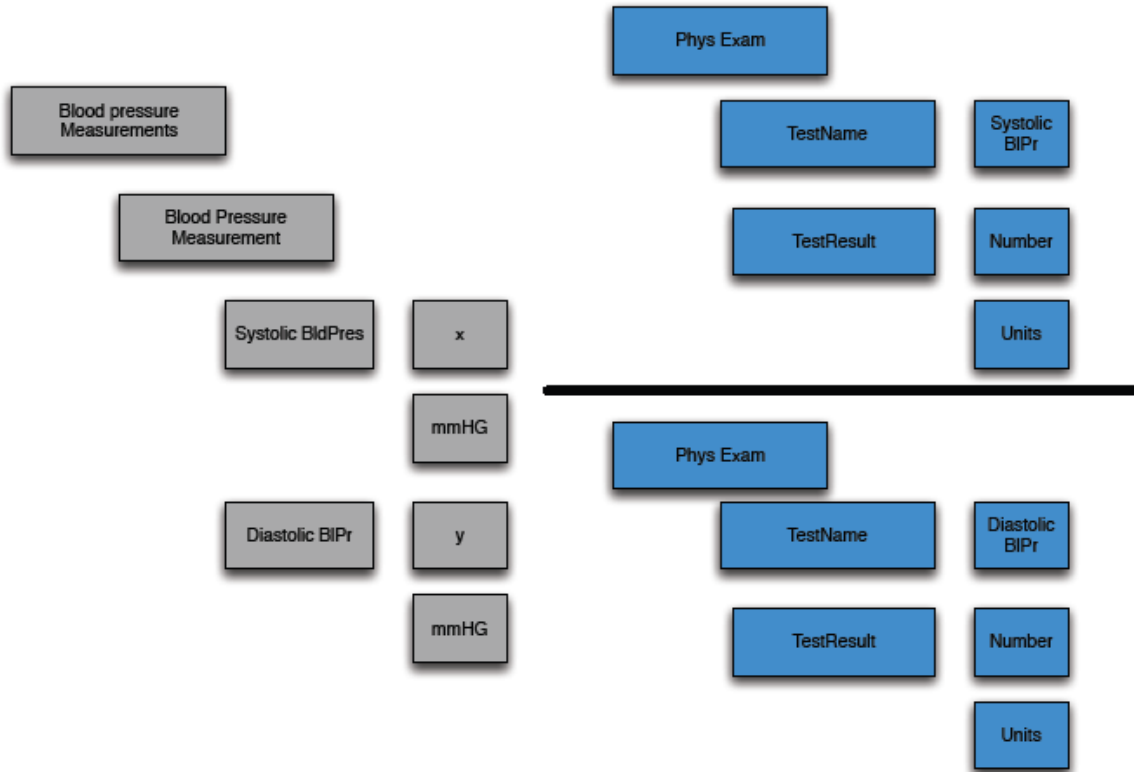
[slide-9] Attribute modeling Style



[slide-10] Example 1



[slide-11] Example 2



[slide -12] - Ad-Hoc Document style versus Process style

Ad-Hoc Document style versus Process style

