## DDI4 Design Goals and design rules

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Design principles and guidance for external use - single / multiple user audiences

* Content scope and description
* What is the starting point for this

Design principles and guidelines for use in the development of the model

* Design principles
* Implementation of principles
* See <https://ddi-alliance.atlassian.net/wiki/spaces/DDI4/pages/37552132/Modeling+Guidelines+for+Business+Modelers>
* Review it and make sure it is up-to-date
* Move it all to Confluence pages
* Additional guidance to be written
  + Describing Class definition not Instance definition. Describe difference between Class and Instance if this is unclear for people.
  + Review Annotation guidance
    - RULE: Annotation should not be used to express similar uses of a specific class that parallels a property in Annotation
  + Review Cardinality examples e.g.
    - Properties point 3a example
    - Why is there anything that is 1:1?
  + Review Creating Properties
    - All non-abstract property classes MUST reside in the package Complex Data Types
    - Clarify and add line on primitives
  + Review Documenting classes
  + Review Functional Views
    - Proposal for refinement and clarification (of 3 documents)
    - Need sub-group discussion
  + Review Patterns
    - Look at encoding of “realize” and its overall transparency
    - Realizes vs a concrete class implementation - e.g. not strongly typed
    - Review that is actually up-to-date
      * e.g. binary relations
  + Review standard properties
    - Same property names should have the same description etc across the whole model
  + Review Property Options
    - For accuracy and appropriateness
    - Possible other options for dates - points raised by Johan
* Round trip issues
* Process issues
  + e.g. relationships between groups

Infrastructure manifesto

Connection between versions

List of goals

GSIM/LIM/DDI4 relationship