## 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](https://ddi-alliance.atlassian.net/wiki/spaces/DDI4/pages/37552132/Modeling%2BGuidelines%2Bfor%2BBusiness%2BModelers)
* 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