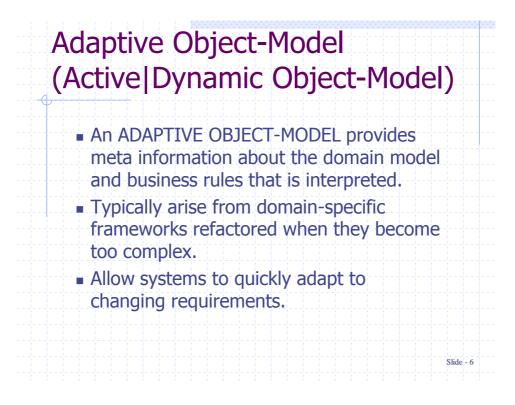
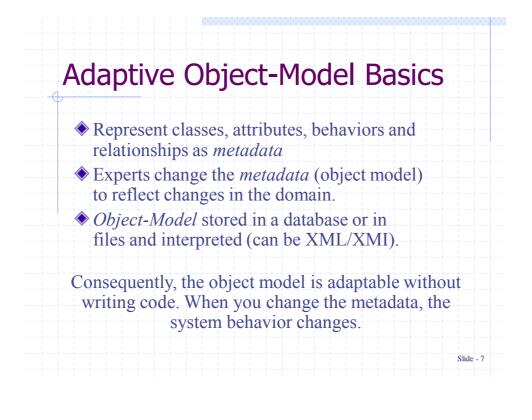


## Contrasting: Two Ways to Change a Working System

	Traditional SW Architecture	Adaptive Object-Model Way
Who implements the change?	A programmer after understanding and implementing a "story" card.	A domain expert does, if it is a domain object or business rule change.
How are changes verified?	Programmer writes tests, QA writes and runs acceptance tests, end-user approves.	Still have to run all unit and acceptance tests. But can also build into end-user tool checks that model changes won't "break" the existing working system.
How often can the system be updated in production?	At the end of an iteration.	Whenever changes are verified. Not tied to dev cycle.
What's the big deal?	Still have to go through some release cycle. Programming and deployment can become bottlenecks.	Significant changes can be made by end-users. Releasing can be as simple as updating production metadata.



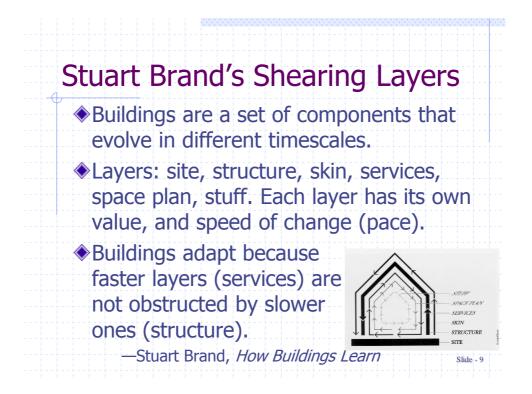


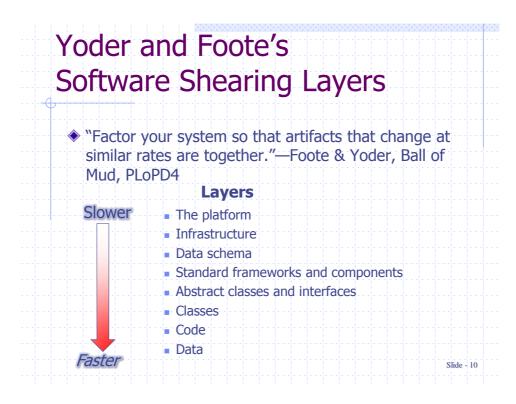


Identify what is changing at a rapid pace.

Separate and isolate changing parts.

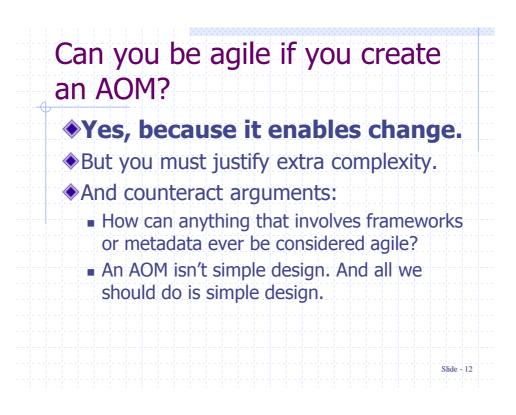
 Build rapidly changing domain objects or behaviors so they can be evolved without recompiling code.

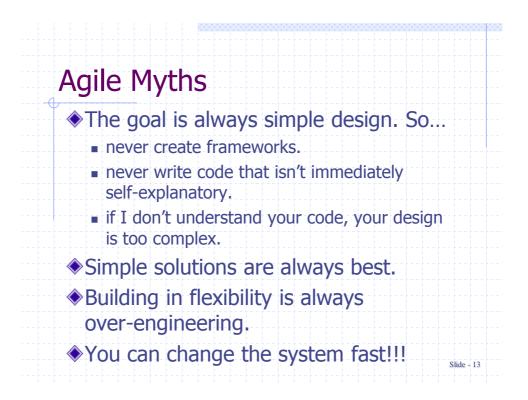


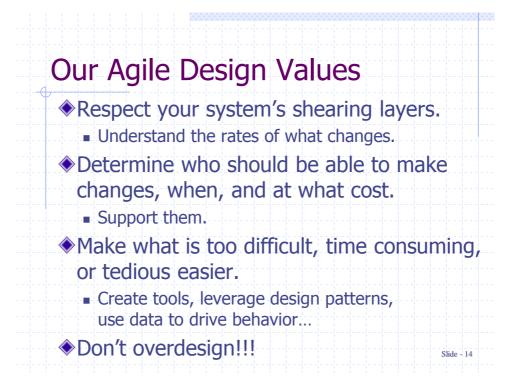


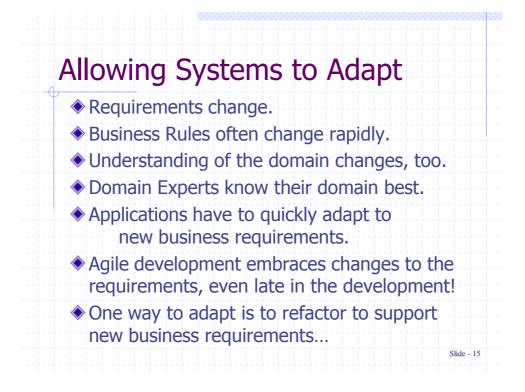
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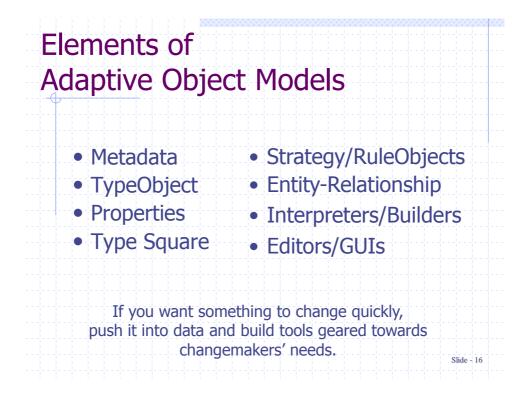


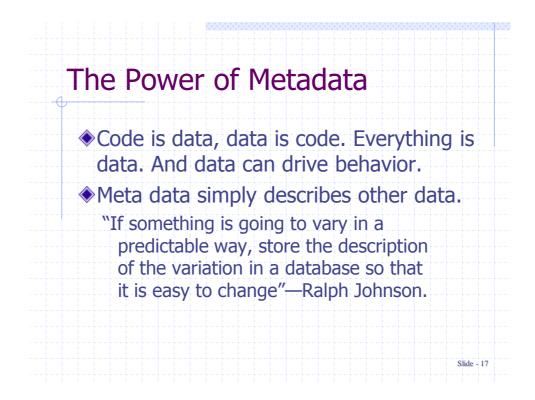


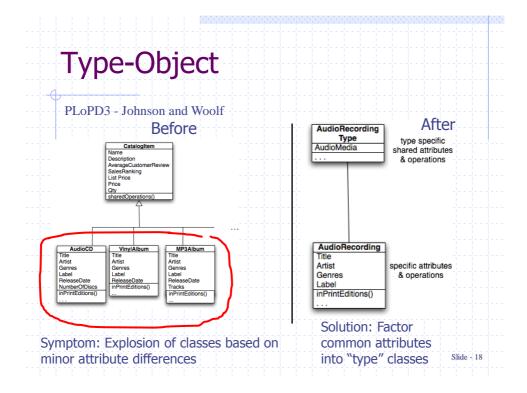


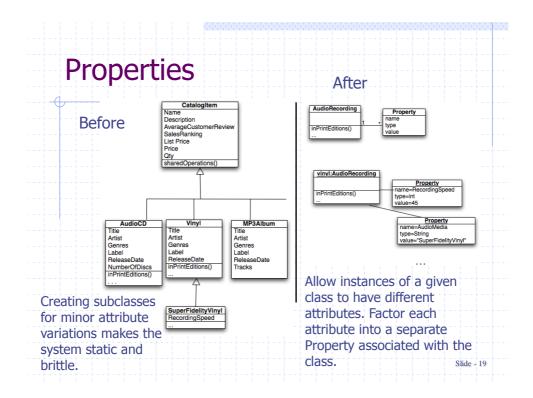


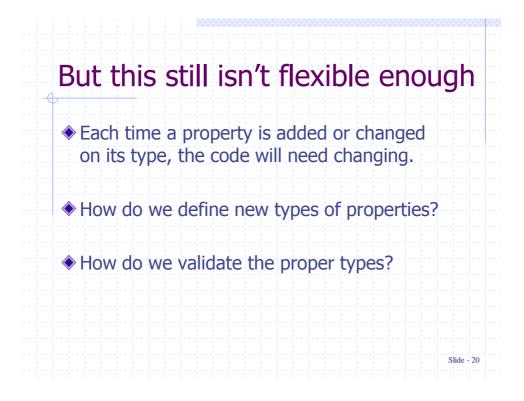


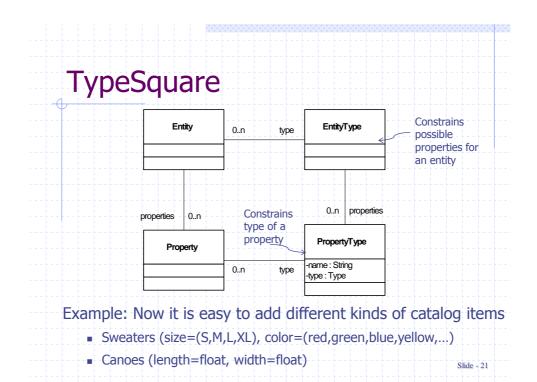


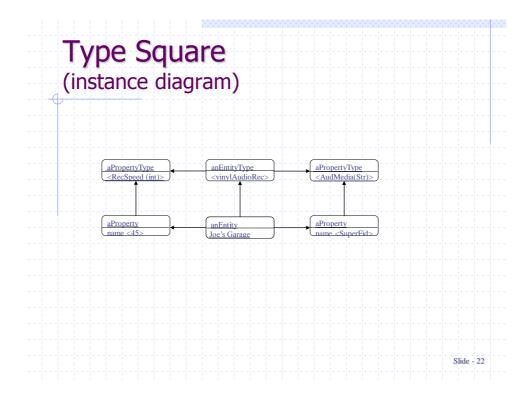


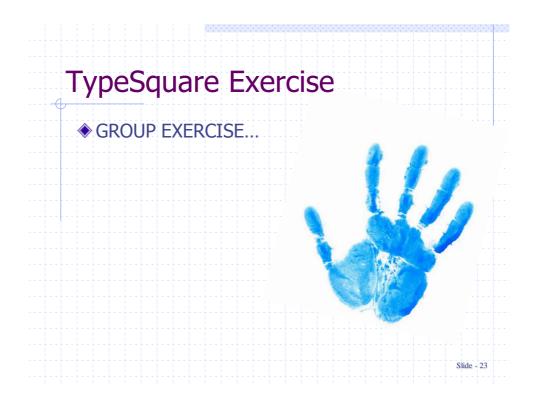


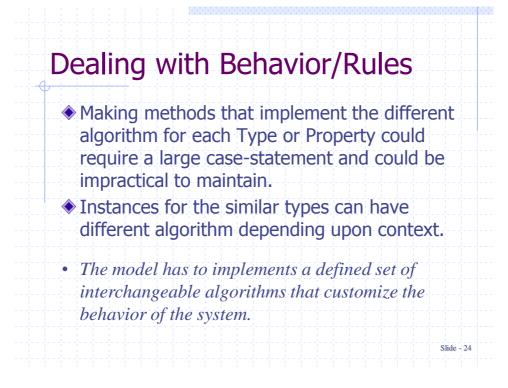


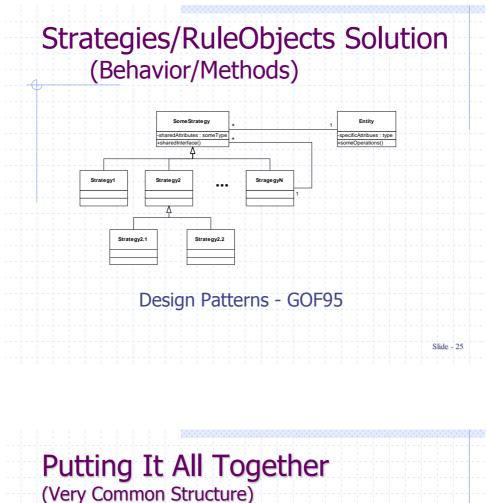


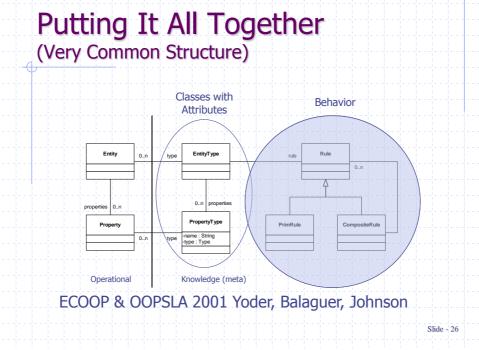


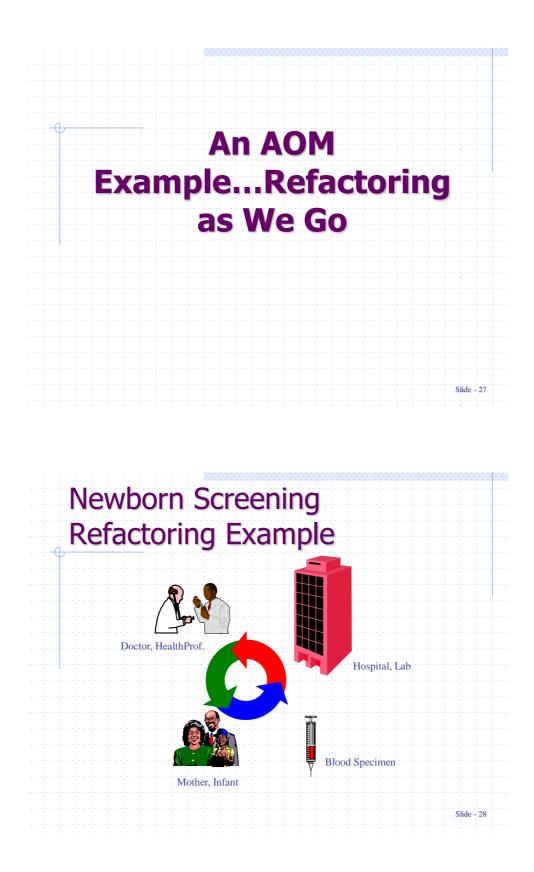


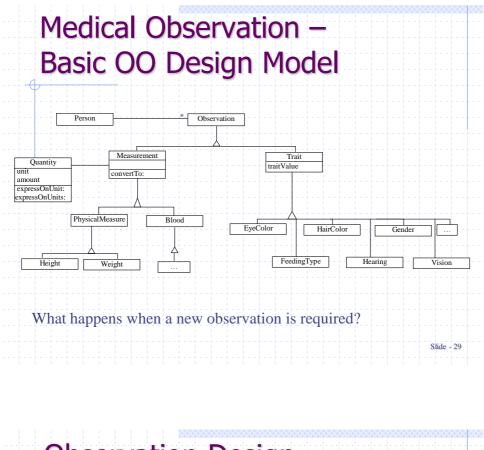


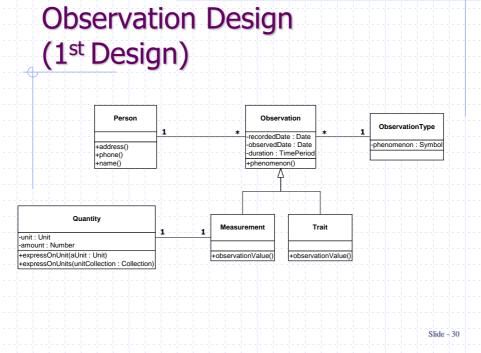


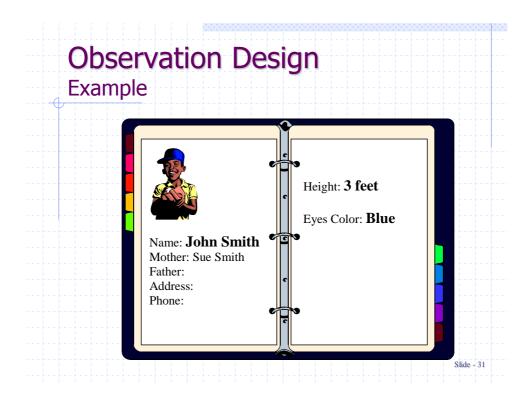


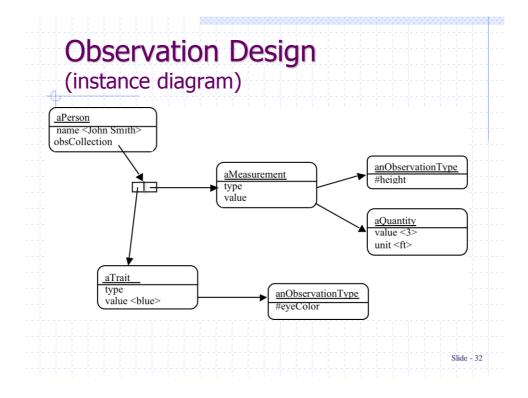


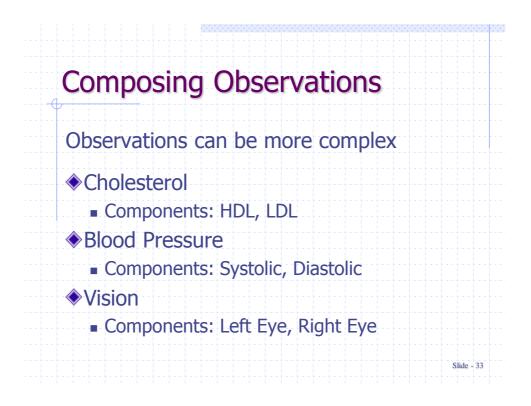


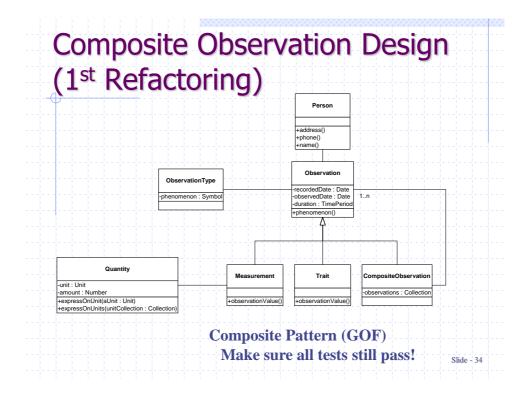


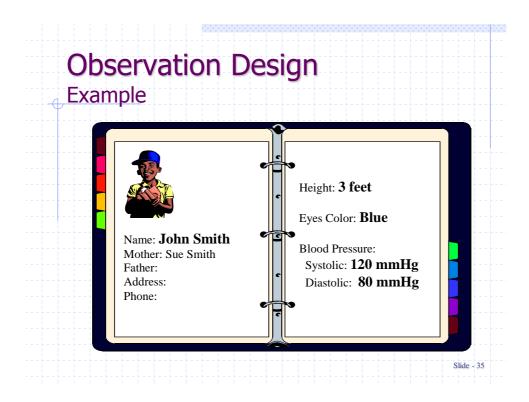


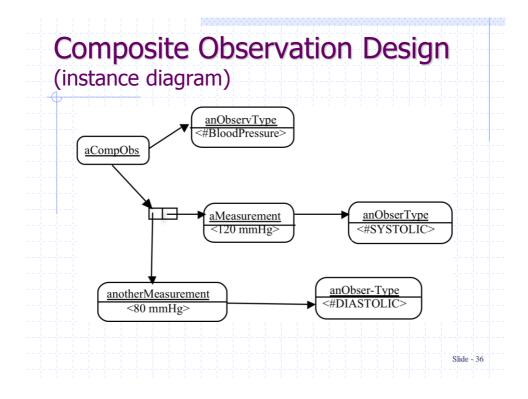


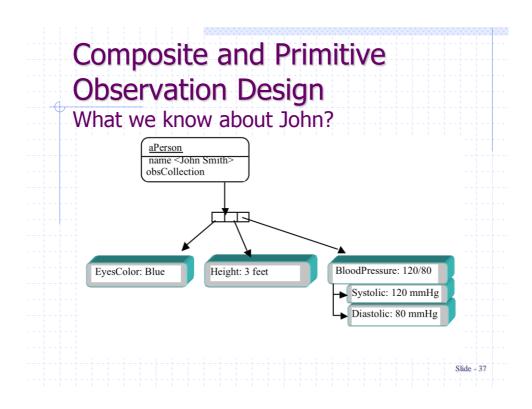


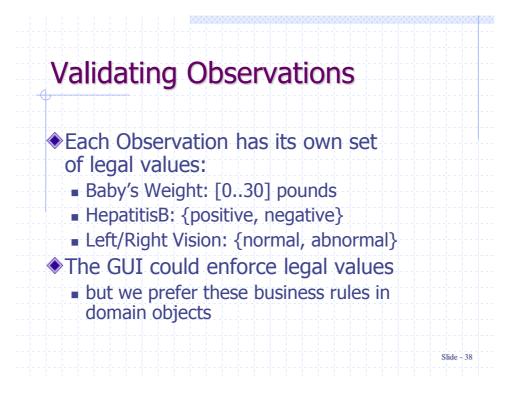


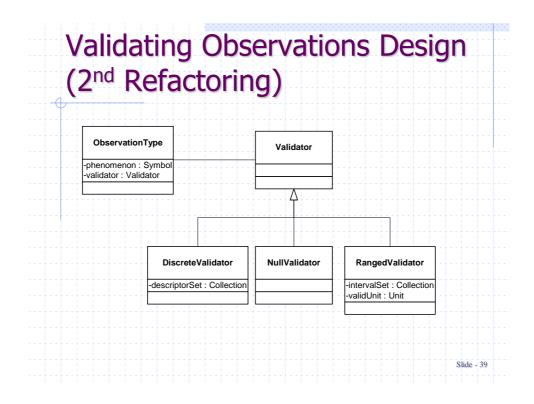


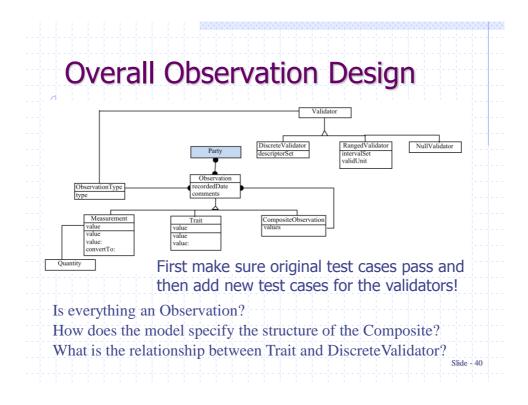


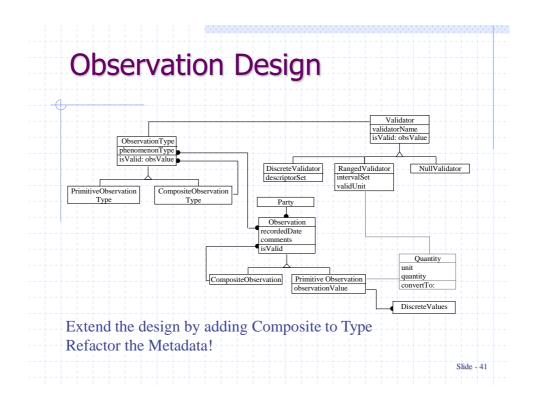


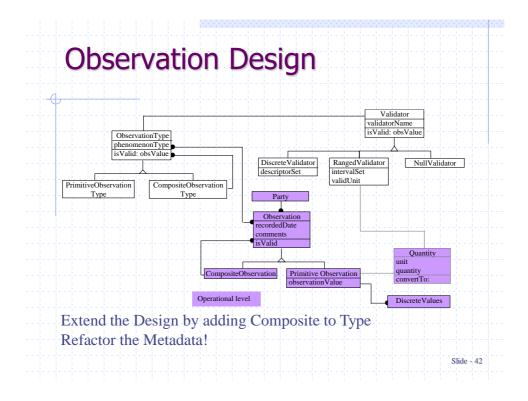


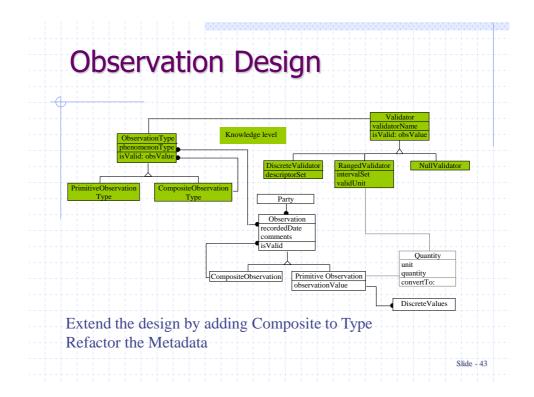


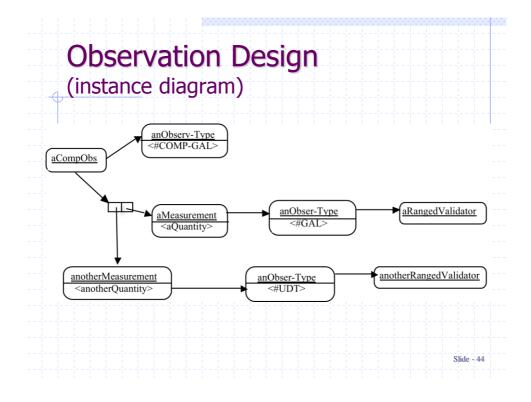


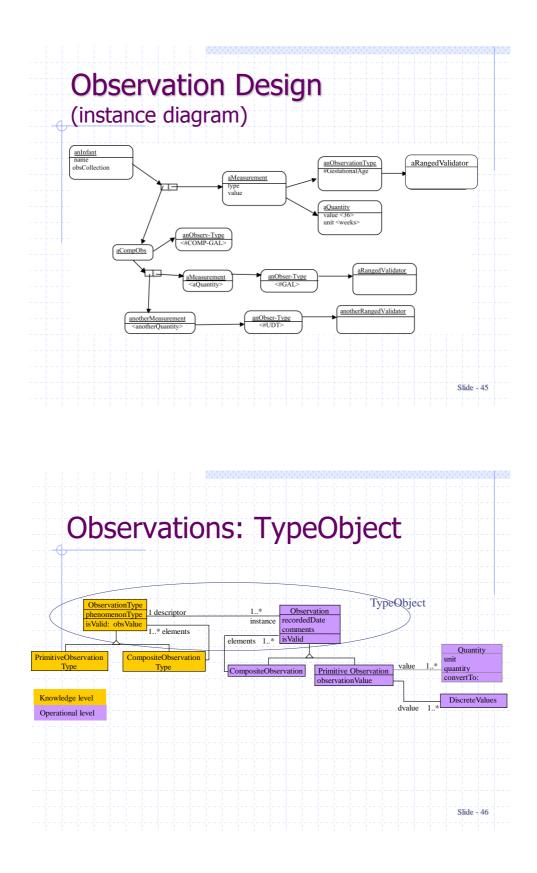


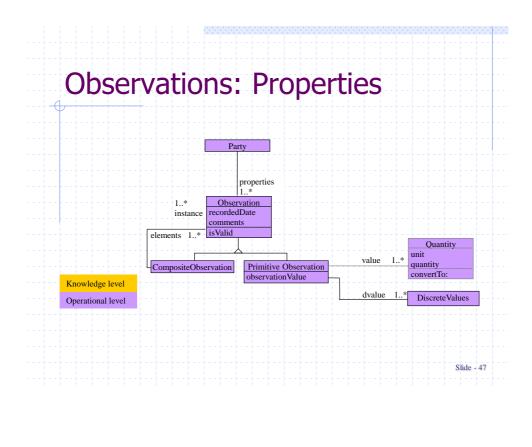


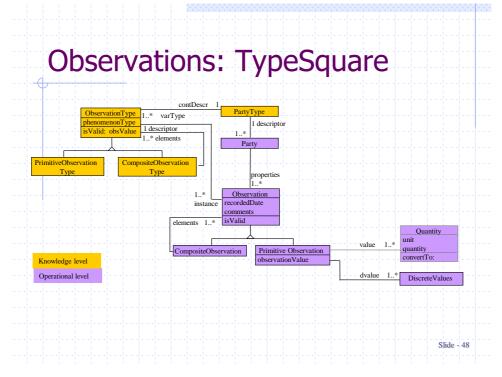


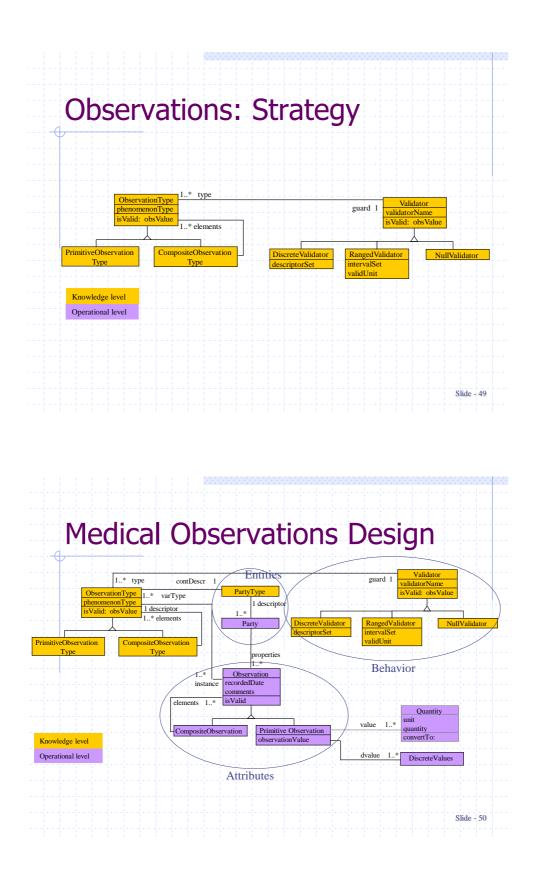


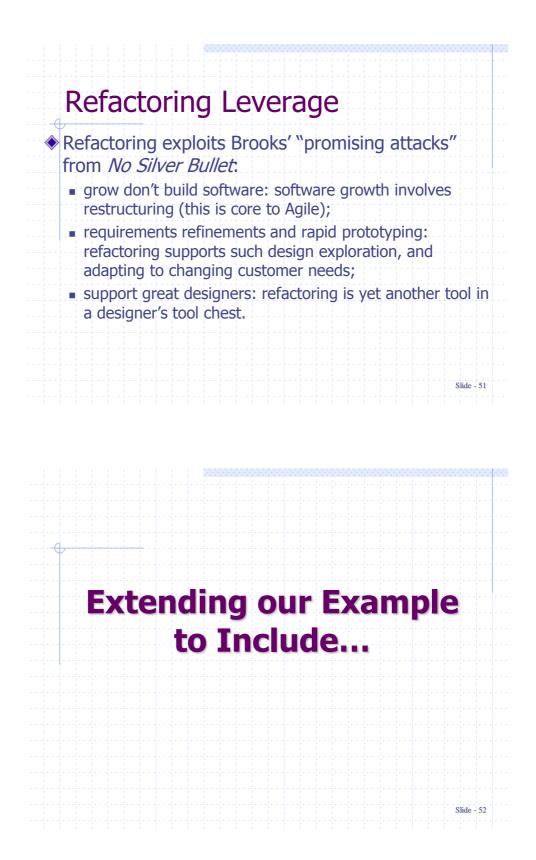


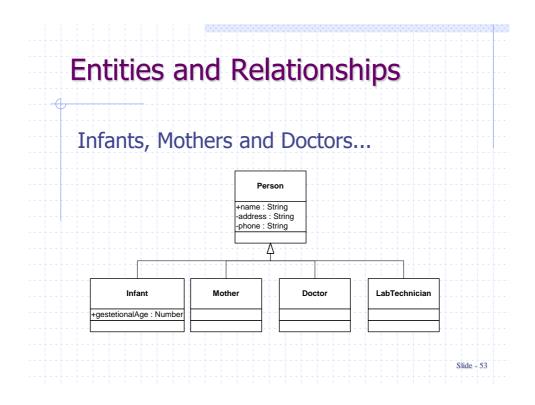


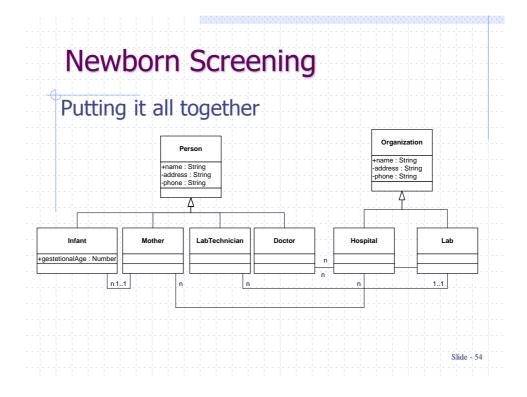




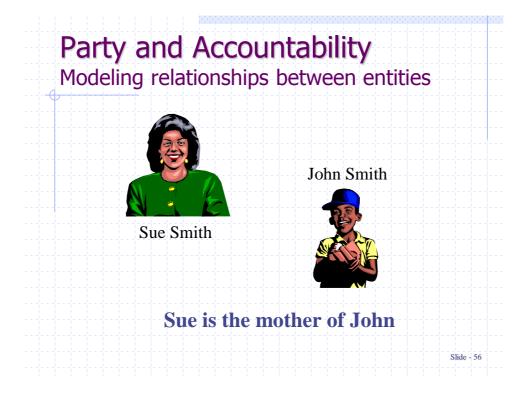


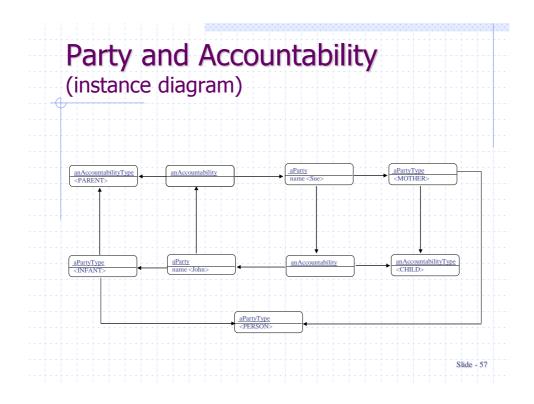


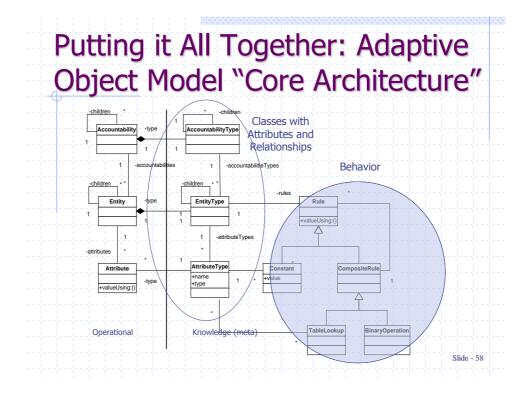


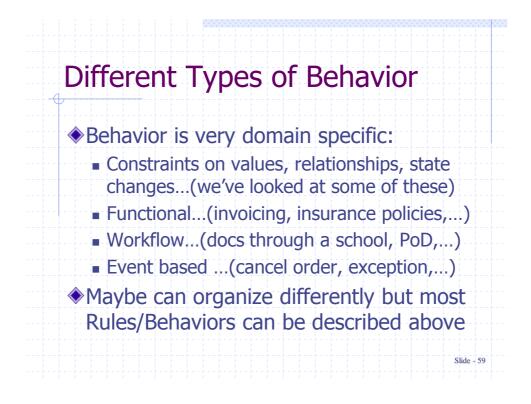


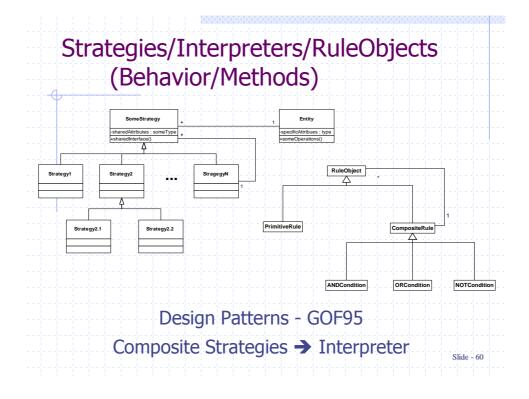
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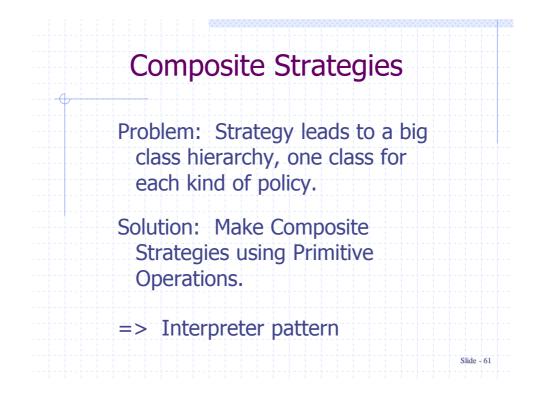


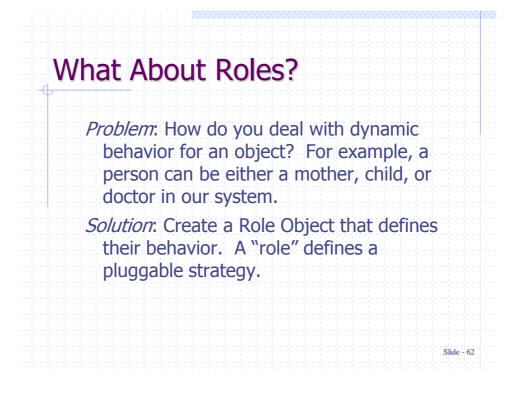




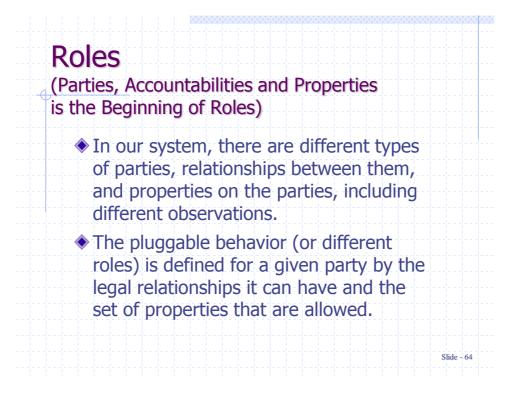


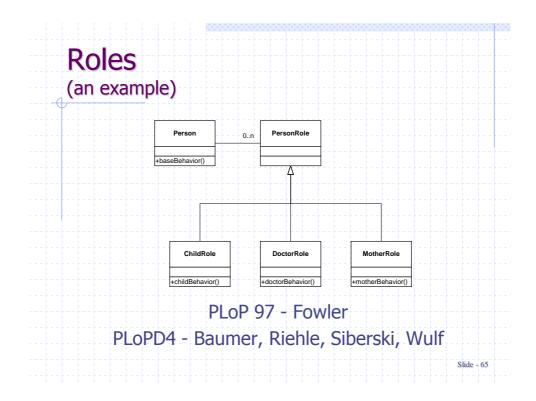


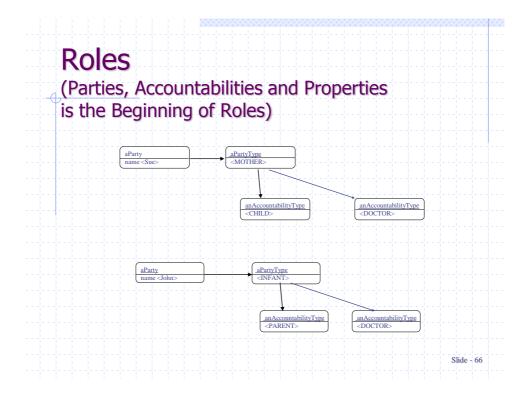




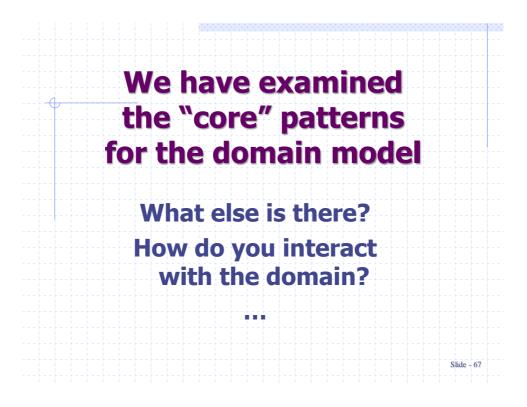


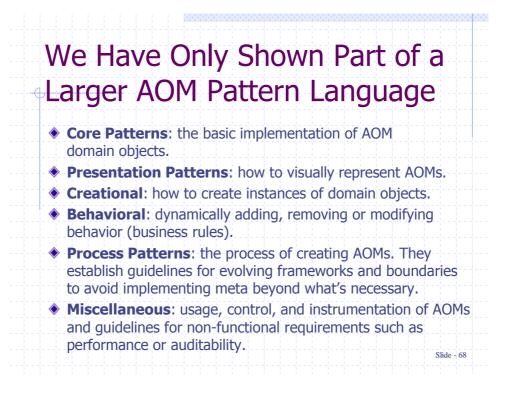


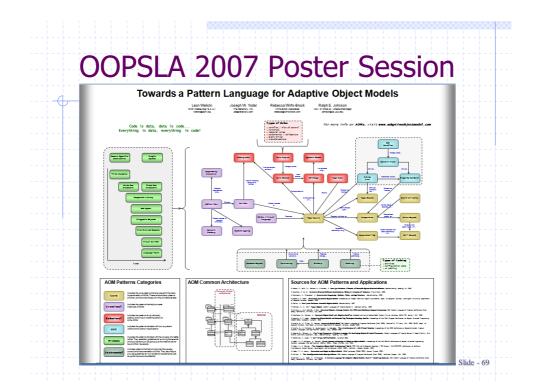


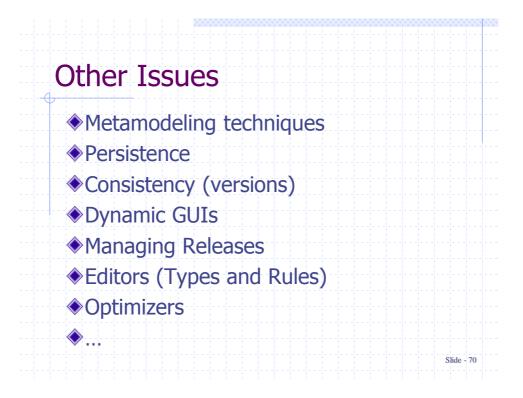


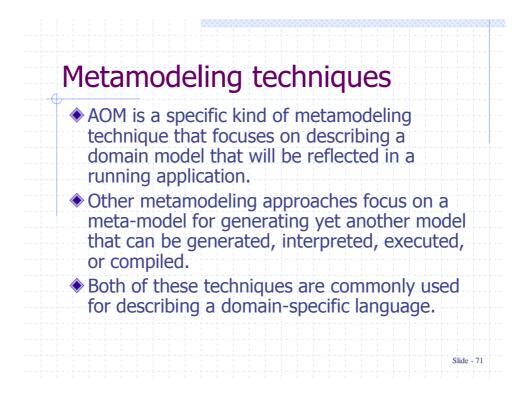
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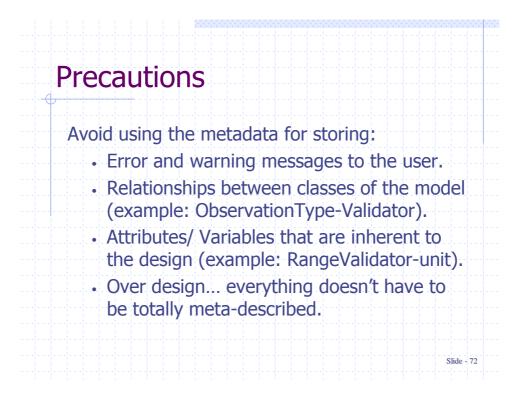


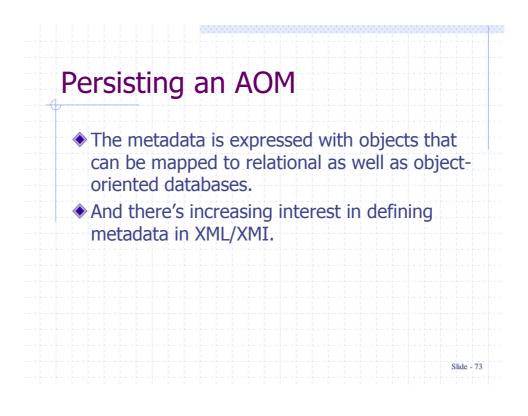


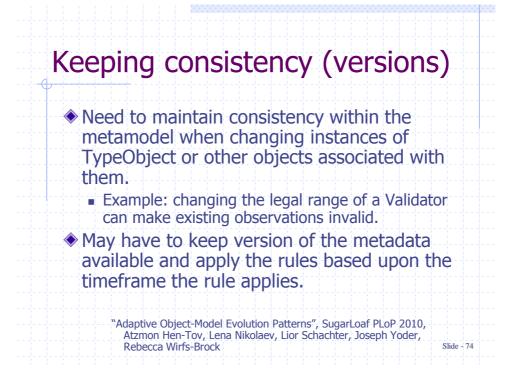


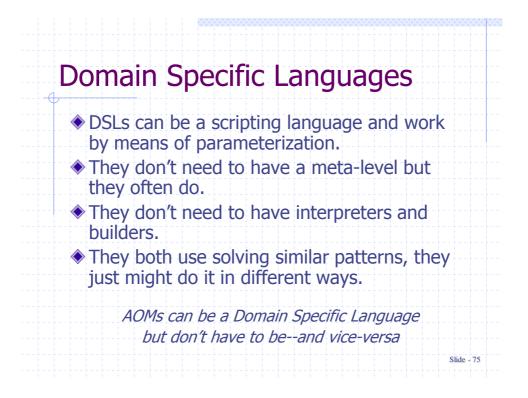


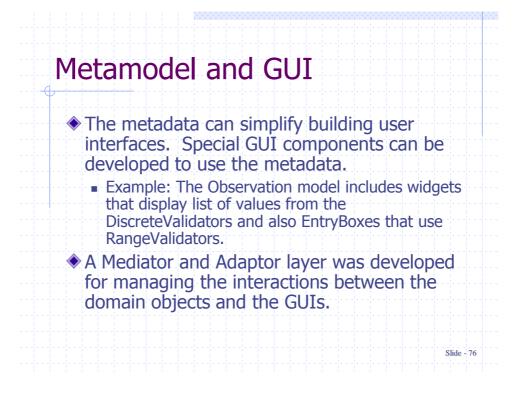




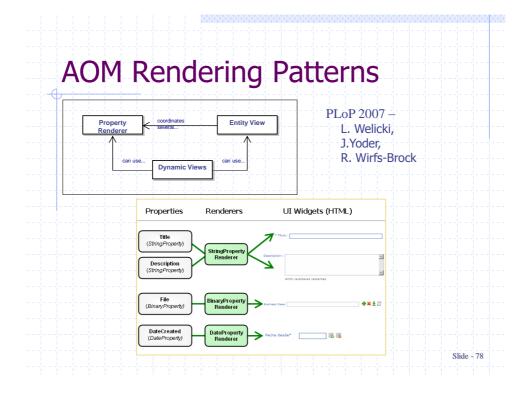








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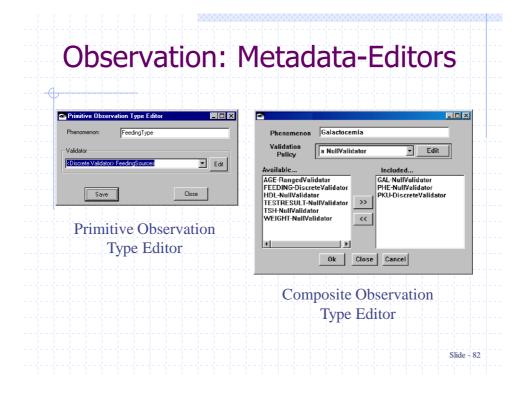


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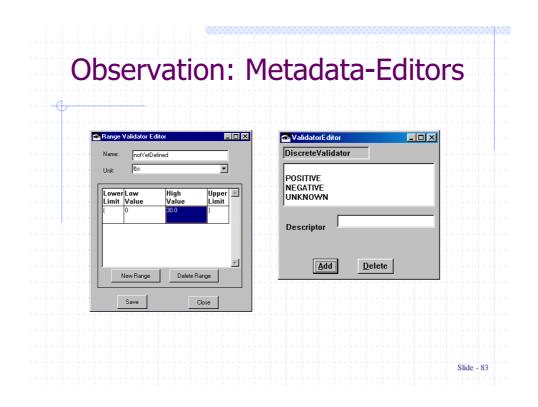
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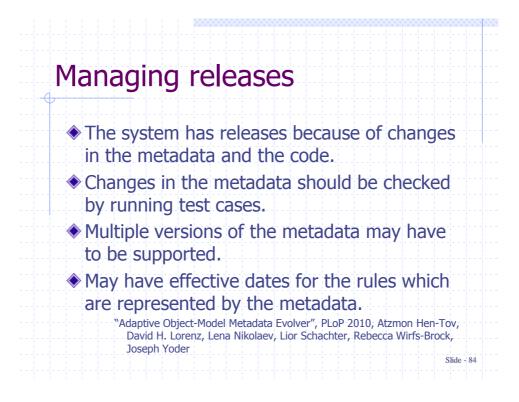
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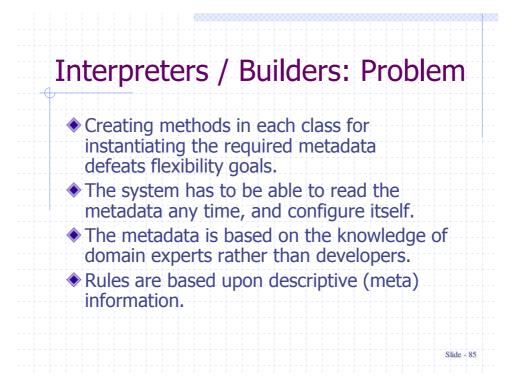
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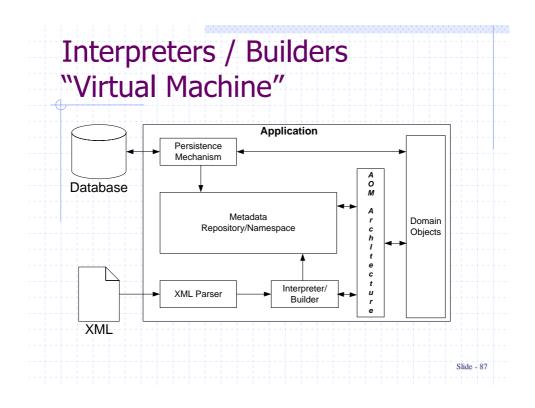


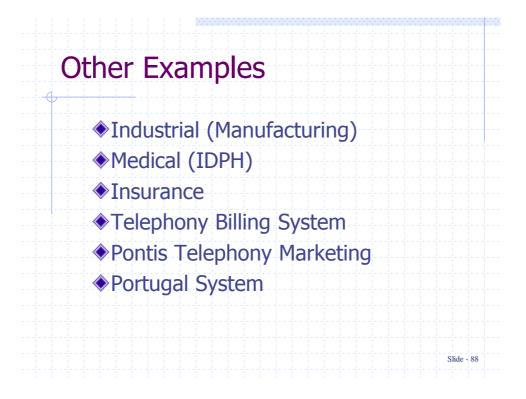


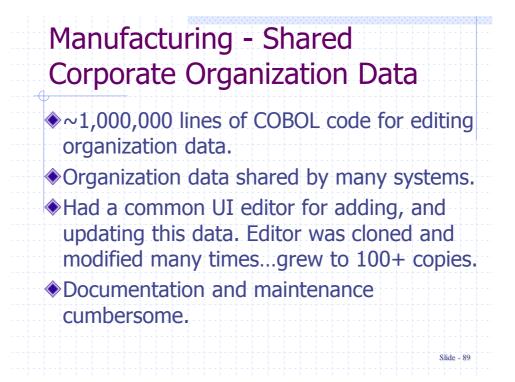
## Interpreters / Builders: Context

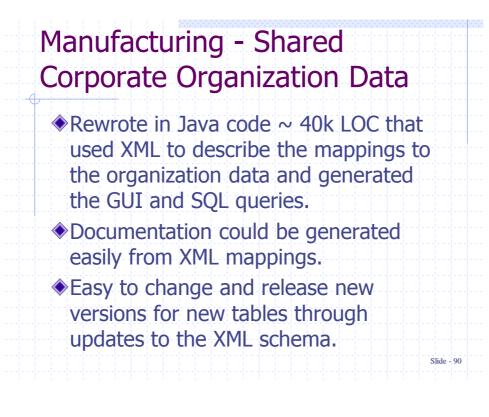
 Adaptive Object-Models need to implement ways for describing the types of entities, properties, and relationships and create them from this description.
 They also need to interpret the dynamic behavior at runtime using strategies or rules.

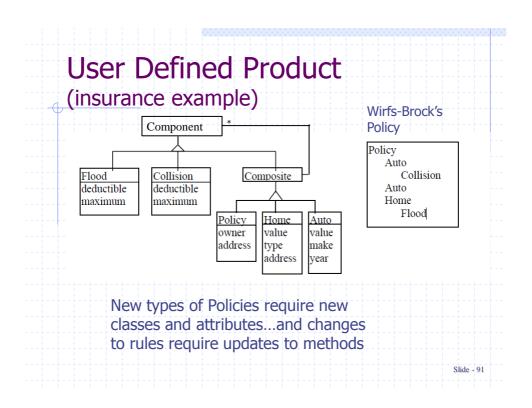
"Adaptive Object Model Builder", PLoP 2009, *Leon Welicki, Rebecca Wirfs-Brock & Joseph W. Yoder* Slide - 86

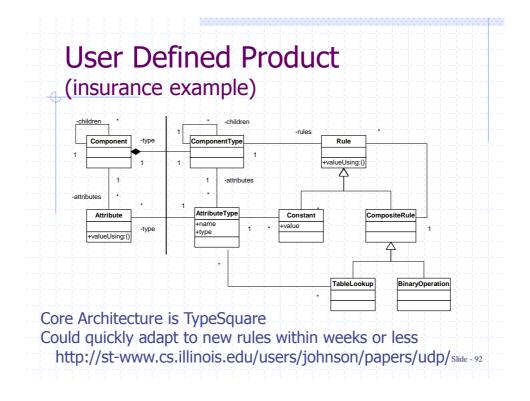


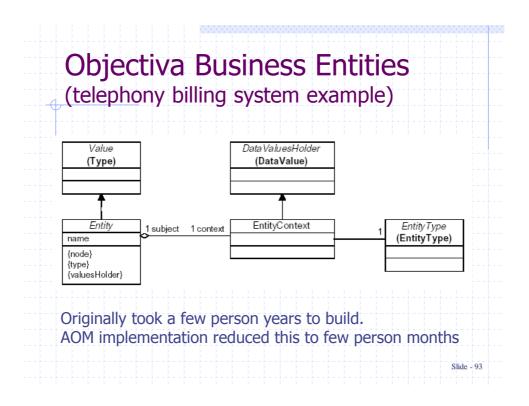


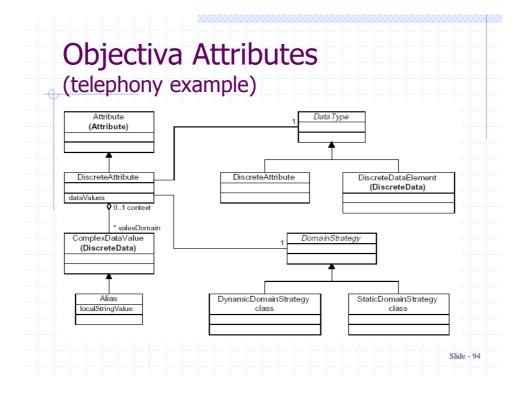


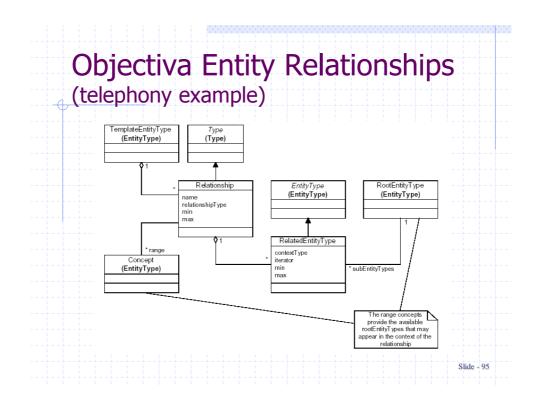


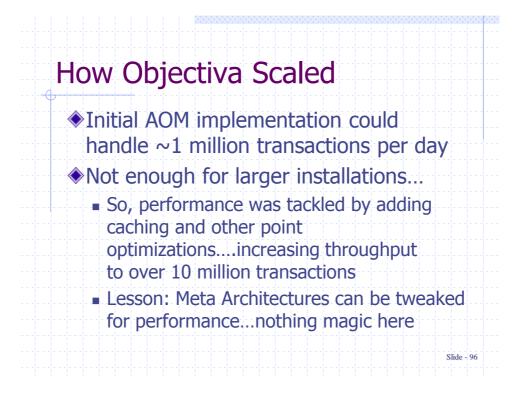


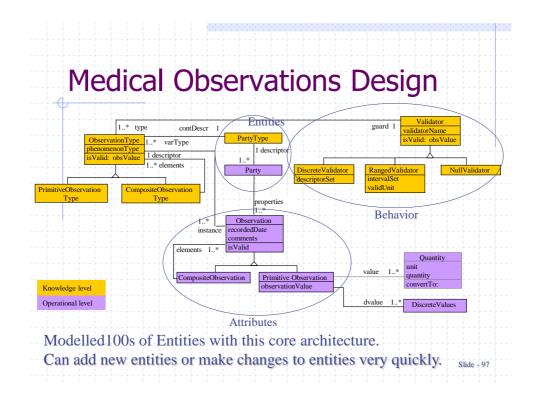




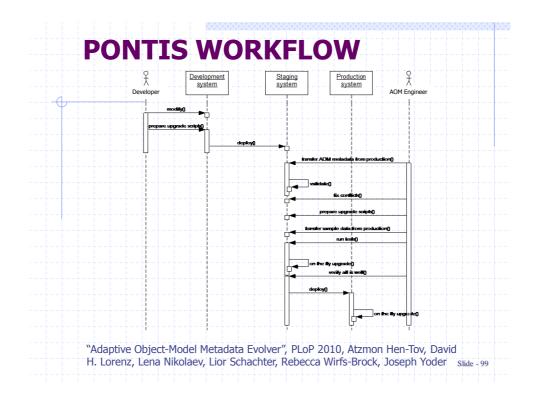


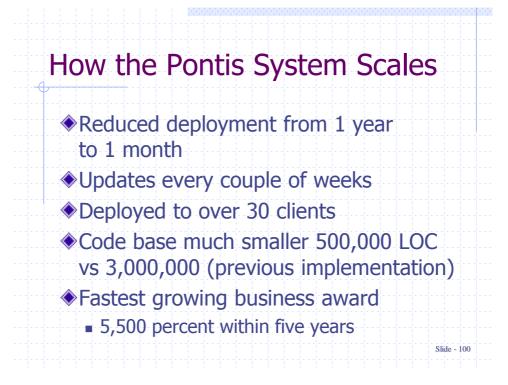


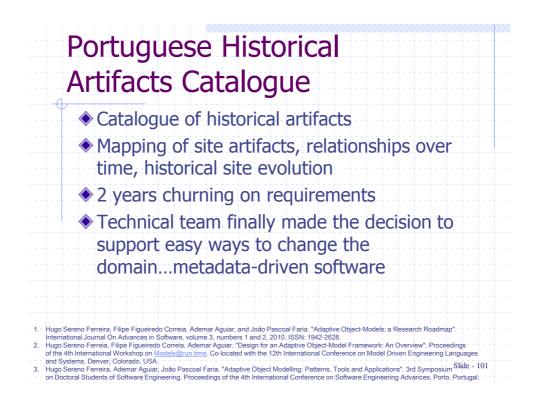


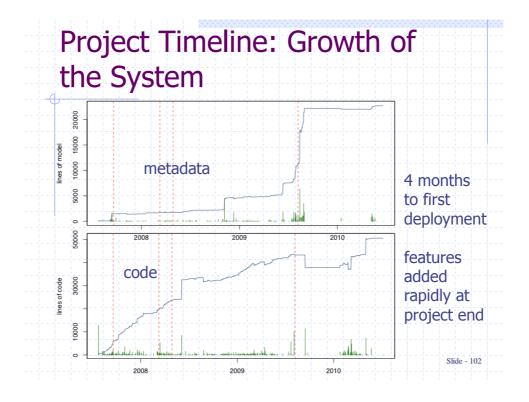


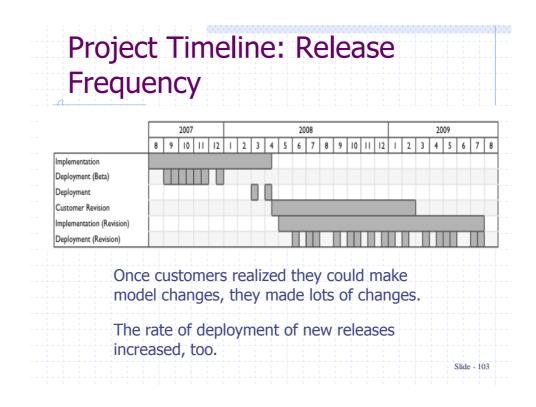
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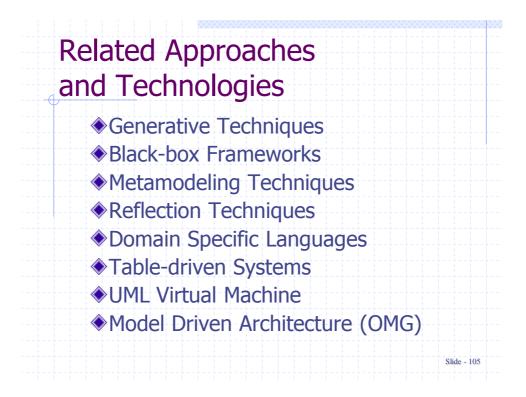


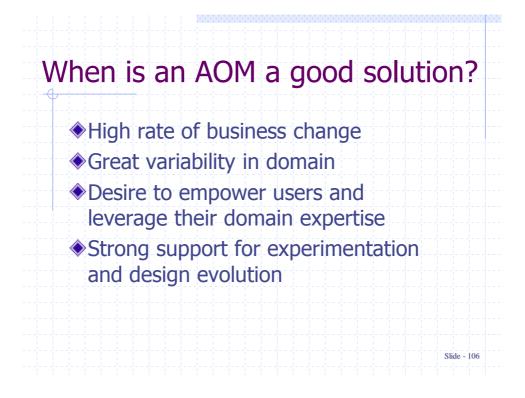


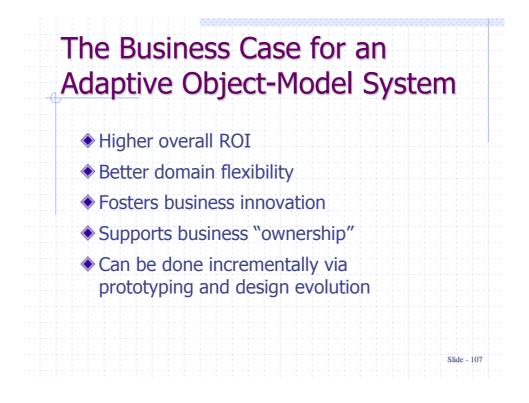


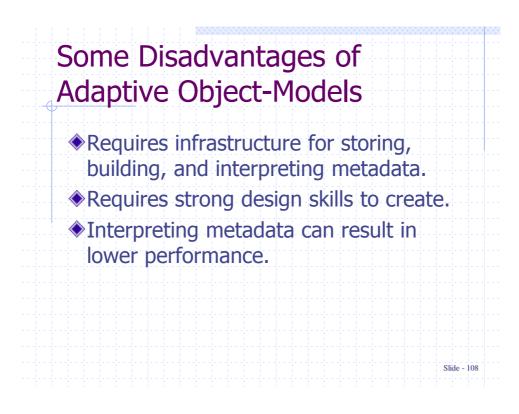




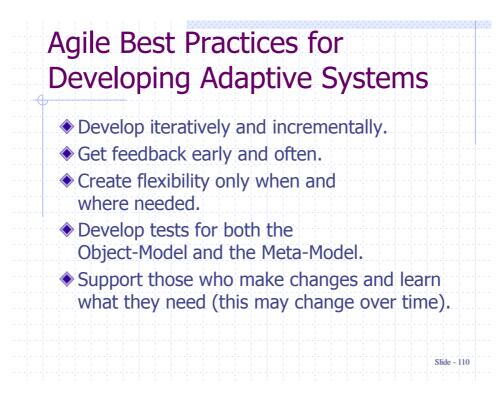


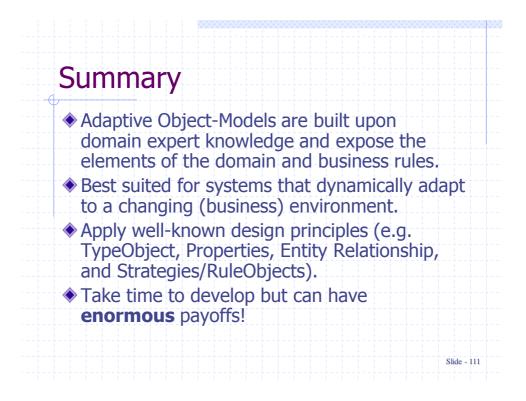


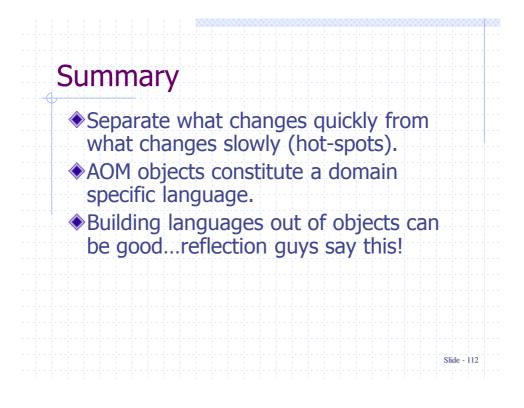


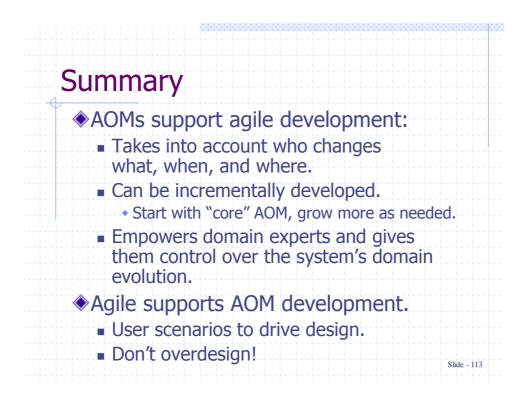




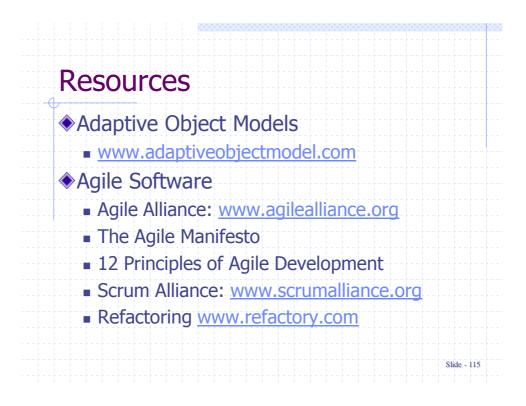


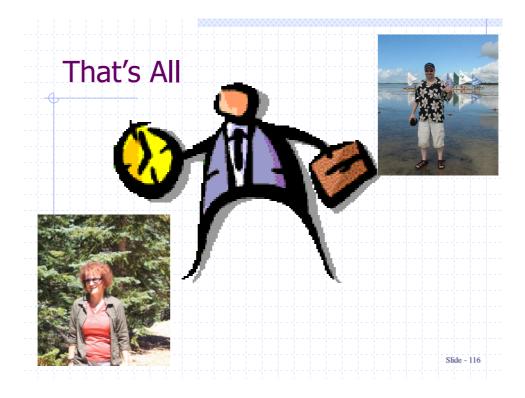












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