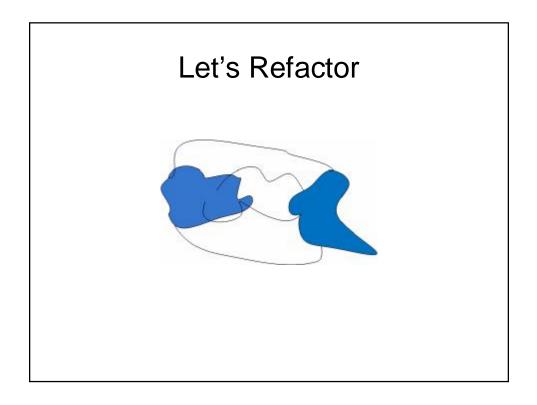
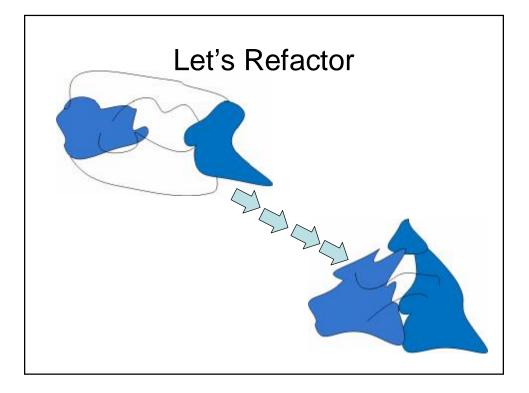
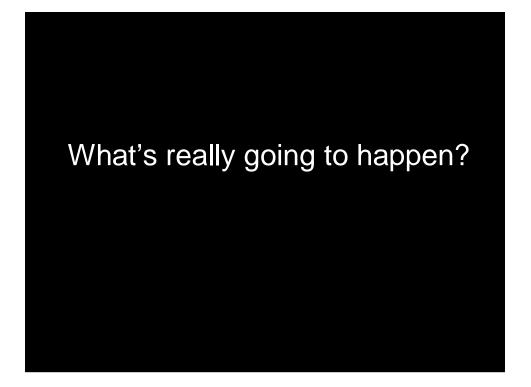


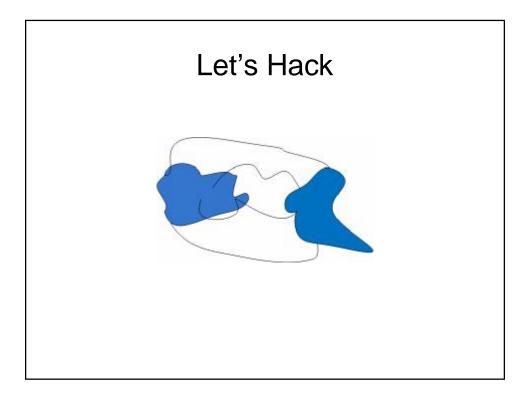
Bad Strategic Goal: Shut Down Legacy

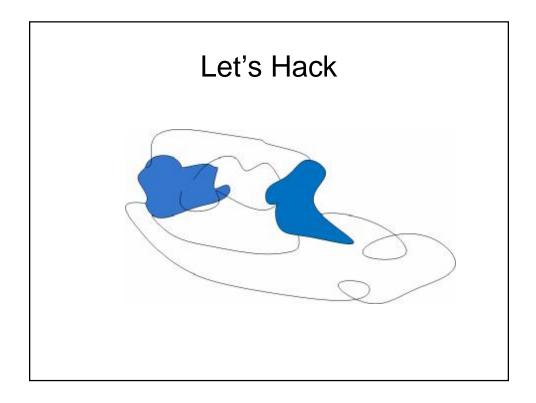
- Mundane functionality
- Perverse designs
- Steep the team in the old concepts
- The mad rush

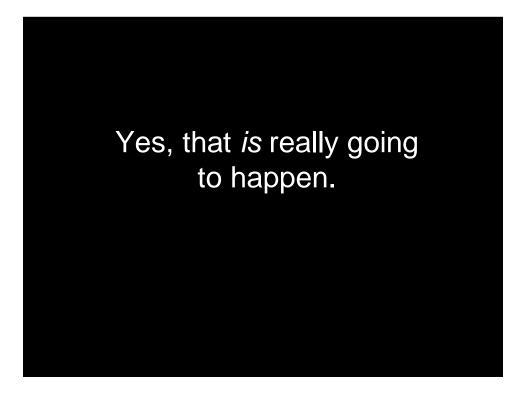












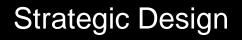
More Bad Strategies

Building a platform to make other (lesser) programmers more productive.

à Design leverage turns out to be illusion.à You never deliver the sexy new capability.

Cleaning up other people's mess. à Sloppy hackers look even better. à Obscures feedback to management.





- Distilling the Core Domain
- Context Mapping

domain A sphere of knowledge, influence, or activity.

The subject area to which the user applies a program is the *domain* of the software.

Distilling the Core Domain



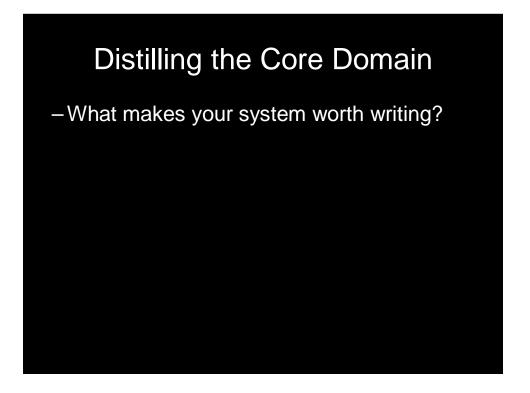
Generic Subdomains

Supporting Subdomains

Core Domain





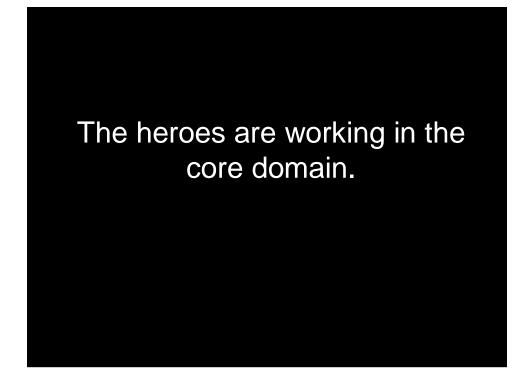


Distilling the Core Domain

- -What makes your system worth writing?
- -Why not buy it off the shelf?

Distilling the Core Domain

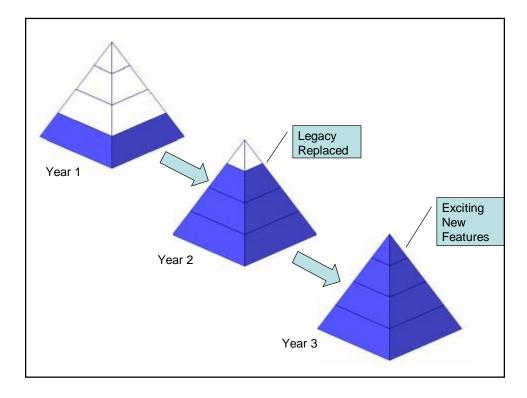
- -What makes your system worth writing?
- -Why not buy it off the shelf?
- -Why not outsource it?

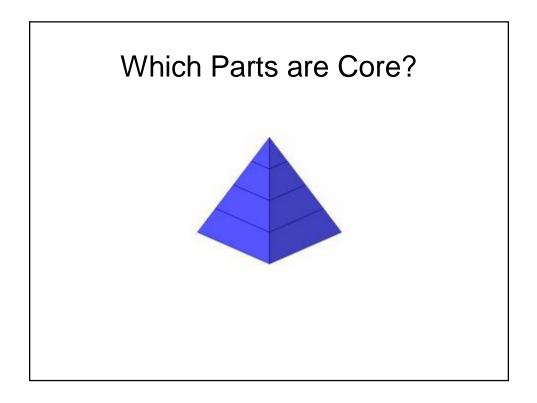


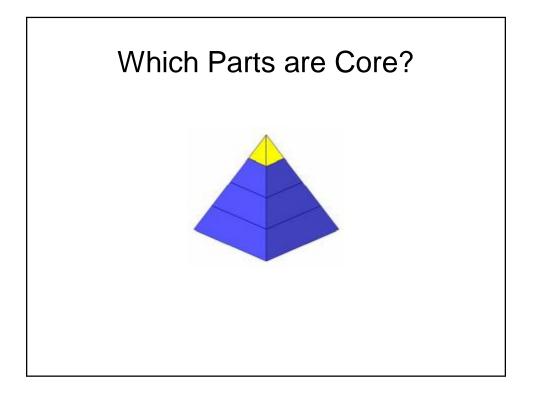
The heroes are working in the core domain.

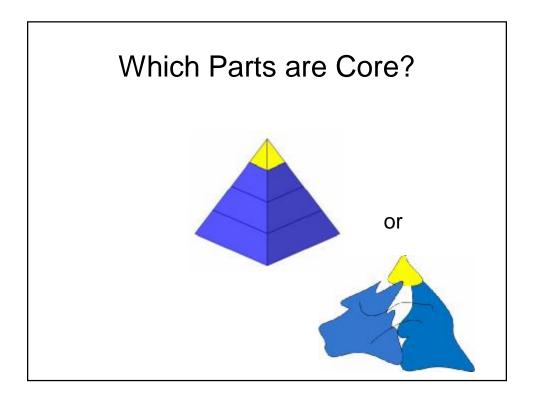
This is where your *best* people should be!

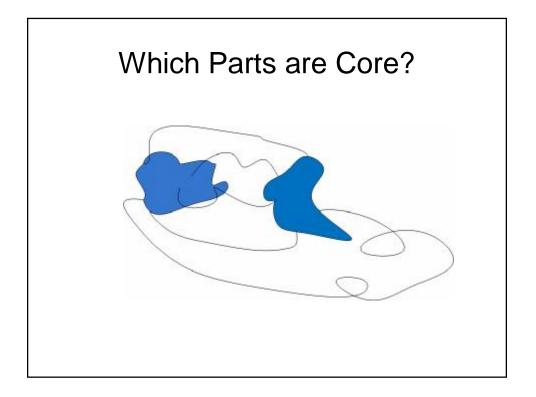


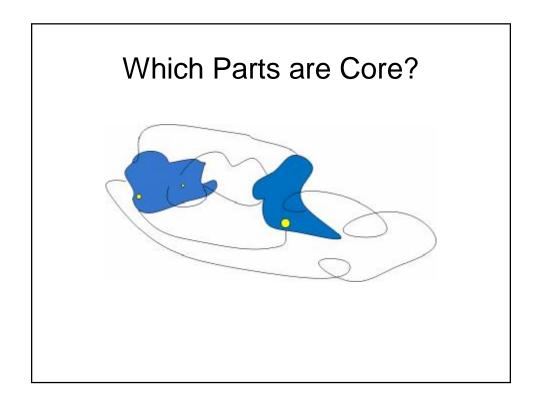


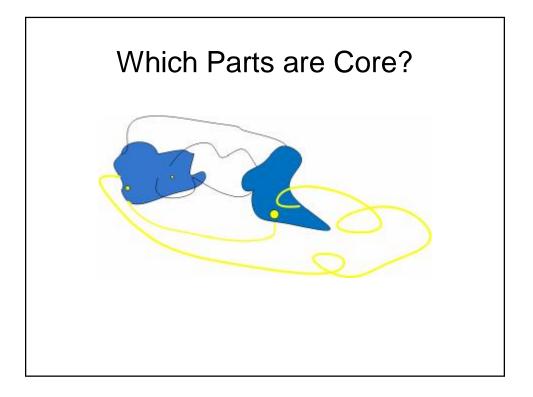


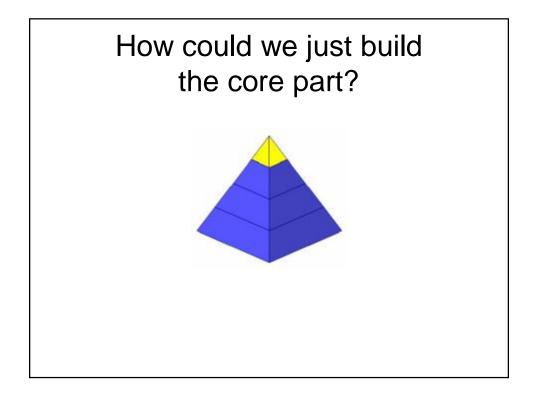


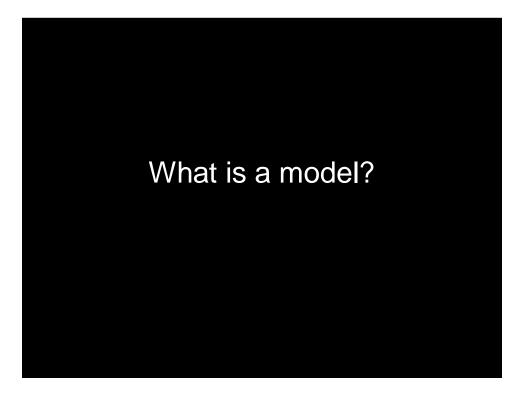


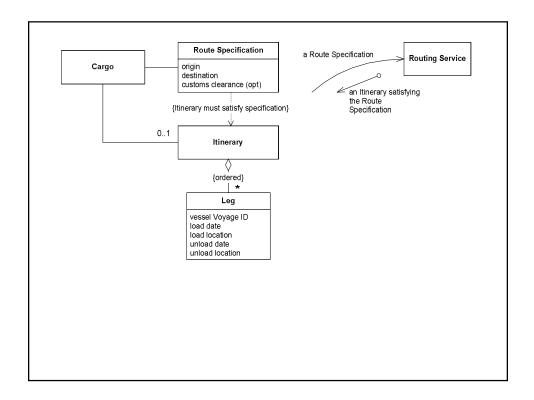


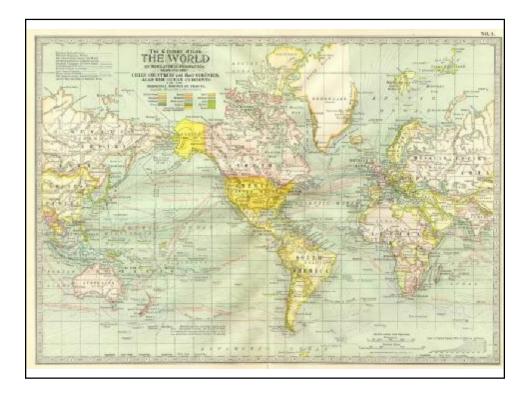


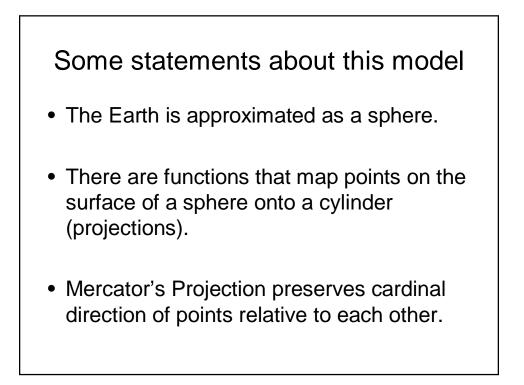


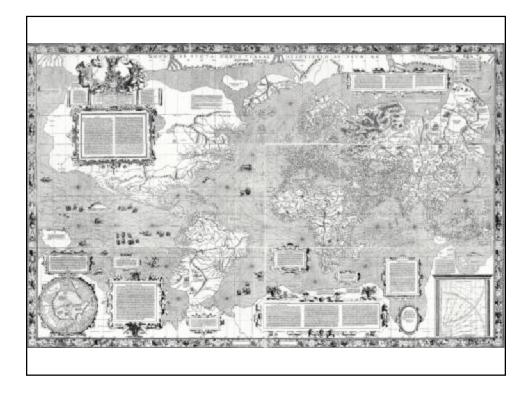












domain A sphere of knowledge or activity.

model A system of abstractions representing selected aspects of the domain.

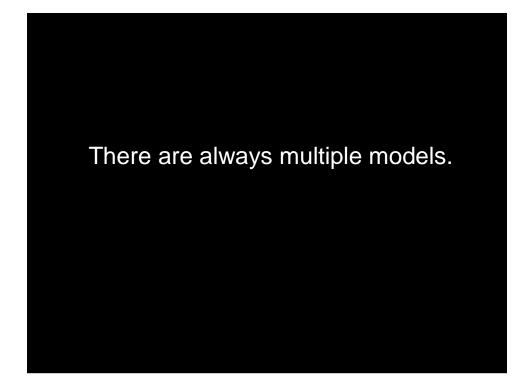
A *model* is a distilled form of *domain* knowledge, assumptions, rules and choices.

It's not about "realism"

A model serves some use.

Usefulness is specific to particular scenarios.

There are always *multiple models* of a domain.



It was six men of Indostan To learning much inclined, Who went to see the Elephant (Though all of them were blind), That each by observation Might satisfy his mind.

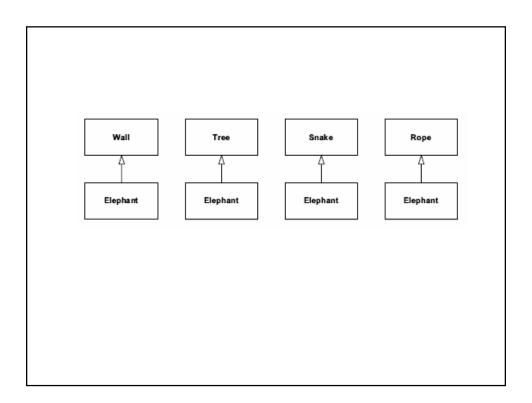
The First approached the Elephant, And happening to fall Against his broad and sturdy side, At once began to bawl: "God bless me! but the Elephant Is very like a wall!"

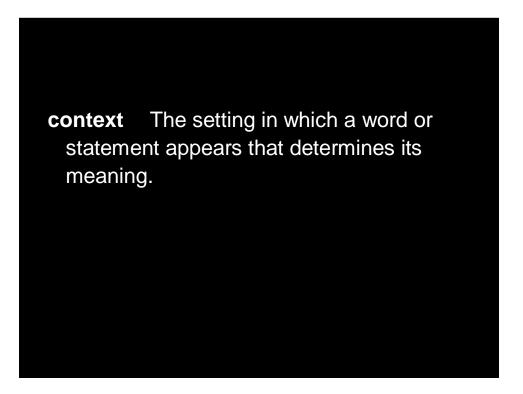
The *Third* approached the animal, And happening to take The squirming trunk within his hands, Thus boldly up and spake: "I see," quoth he, "the Elephant Is very like a snake." The *Fourth* reached out his eager hand, And felt about the knee. "What most this wondrous beast is like Is mighty plain," quoth he; "'Tis clear enough the Elephant Is very like a tree!"

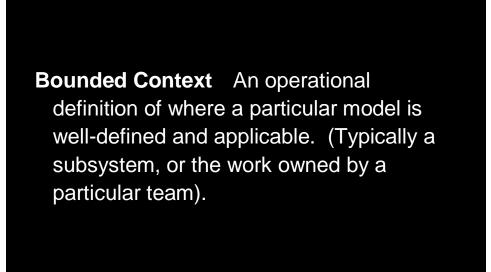
The *Sixtb* no sooner had begun About the beast to grope, Than, seizing on the swinging tail That fell within his scope, "I see," quoth he, "the Elephant Is very like a rope!"

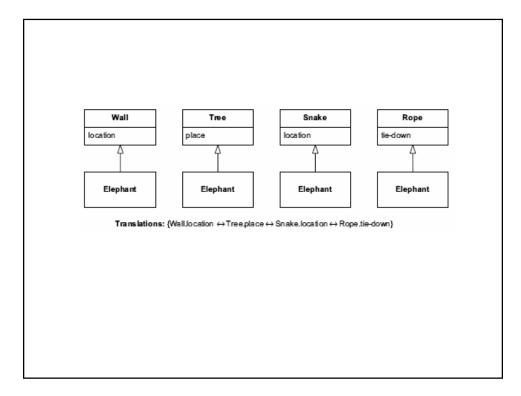
And so these men of Indostan Disputed loud and long, Each in his own opinion Exceeding stiff and strong, Though each was partly in the right, And all were in the wrong!

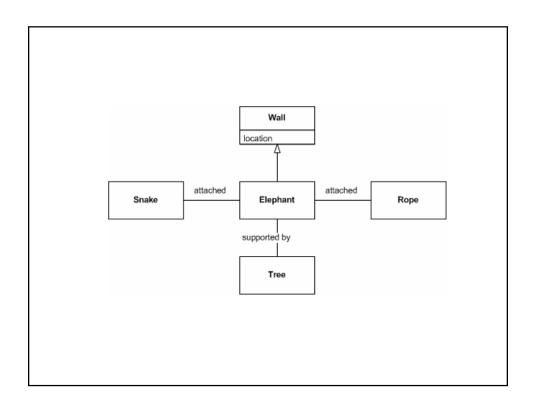
-From "The Blind Men and the Elephant," by John Godfrey Saxe (1816-1887), based on a story in the Udana, a Hindu text

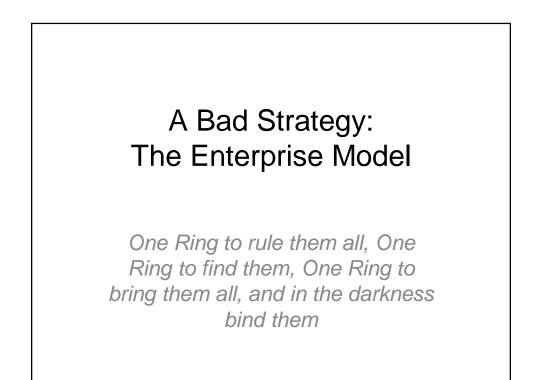


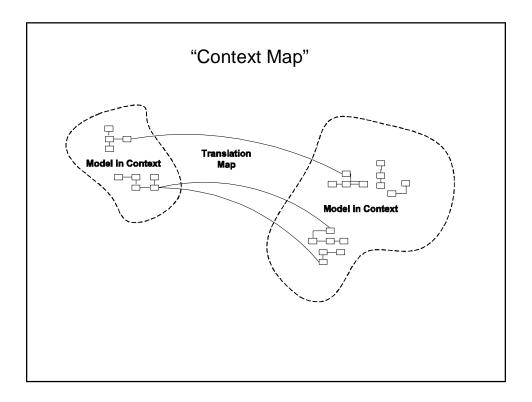










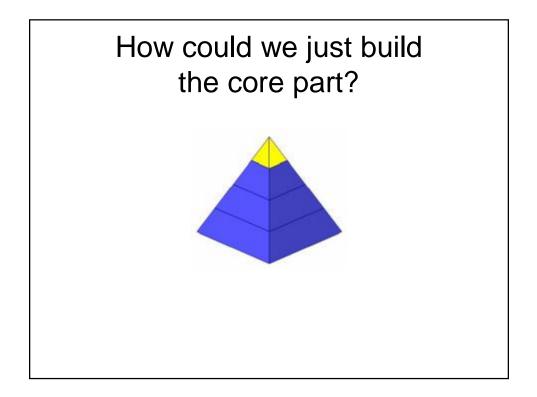


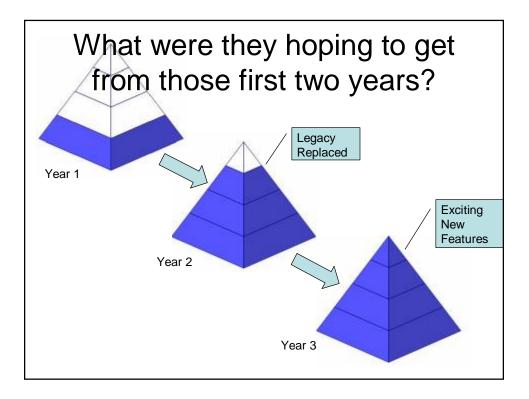


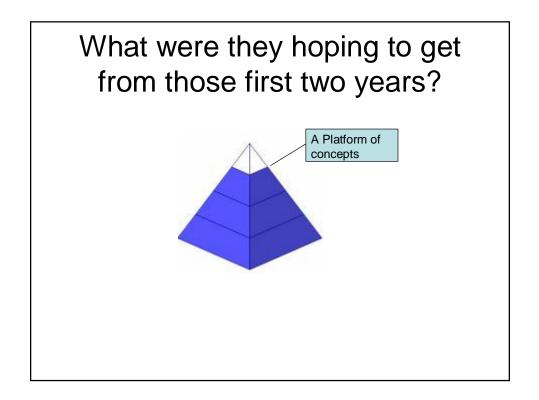


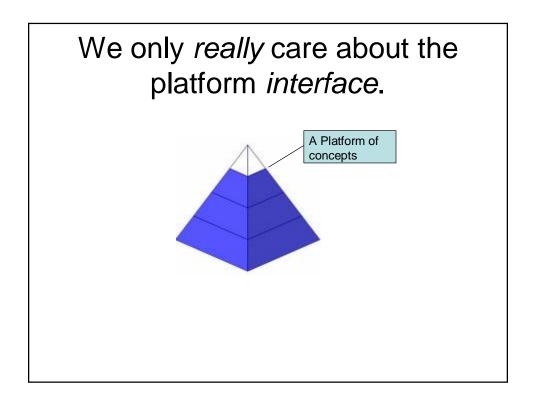
Sophisticated Design & Modelling Require:

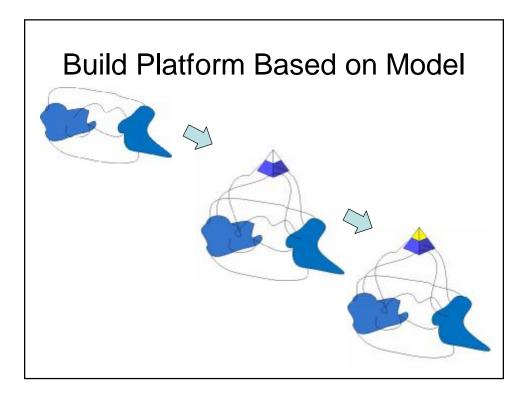
A Bounded Context containing a Unified Model

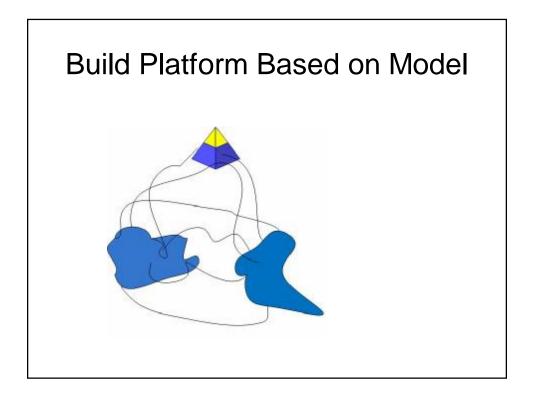


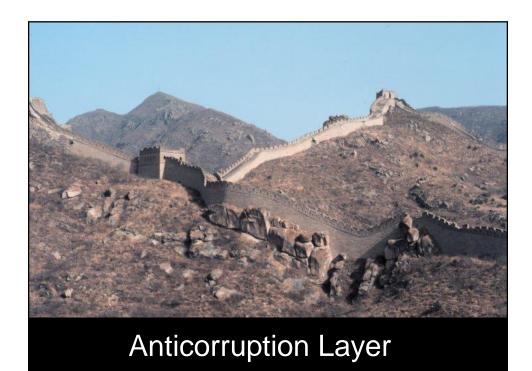












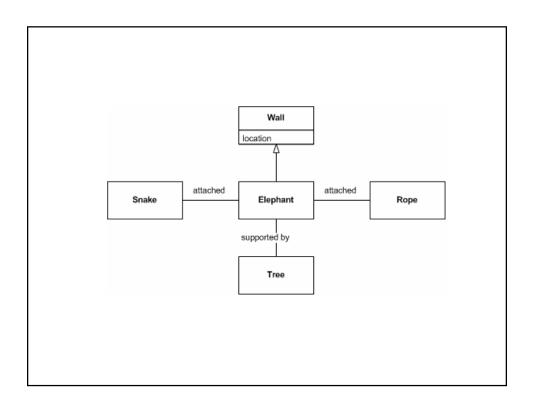


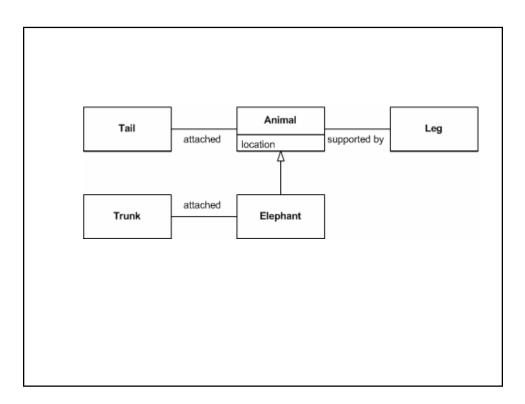
Good Strategic Goals

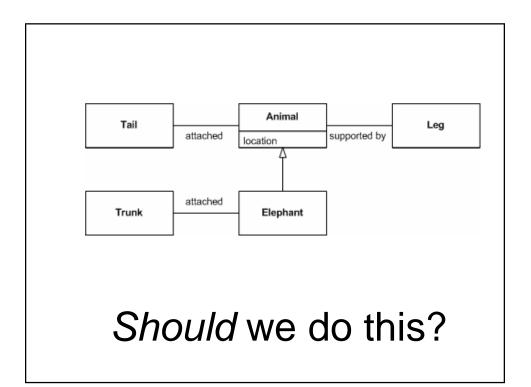
- Clarify context map
- Stabilize legacy systems
- Focus on core domain
- Core domain development in clean context
- Create a platform
- Deliver early
- Produce enthusiastic business sponsors

Ugly (but Acceptable) Consequences

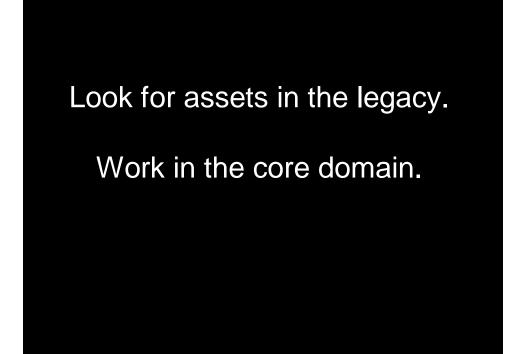
- Thick translation layers
- Inelegant (but stable) legacy
- Inelegant (but stable) supporting domains











Look for assets in the legacy.

Work in the core domain.

Be the hero for a change!

Strategic DDD Resources

www.dddcommunity.org

Domain-Driven Design by Eric Evans PART 4!



www.domainlanguage.com