miUML Domain Subsystem Descriptions Scrapbook

Leon Starr
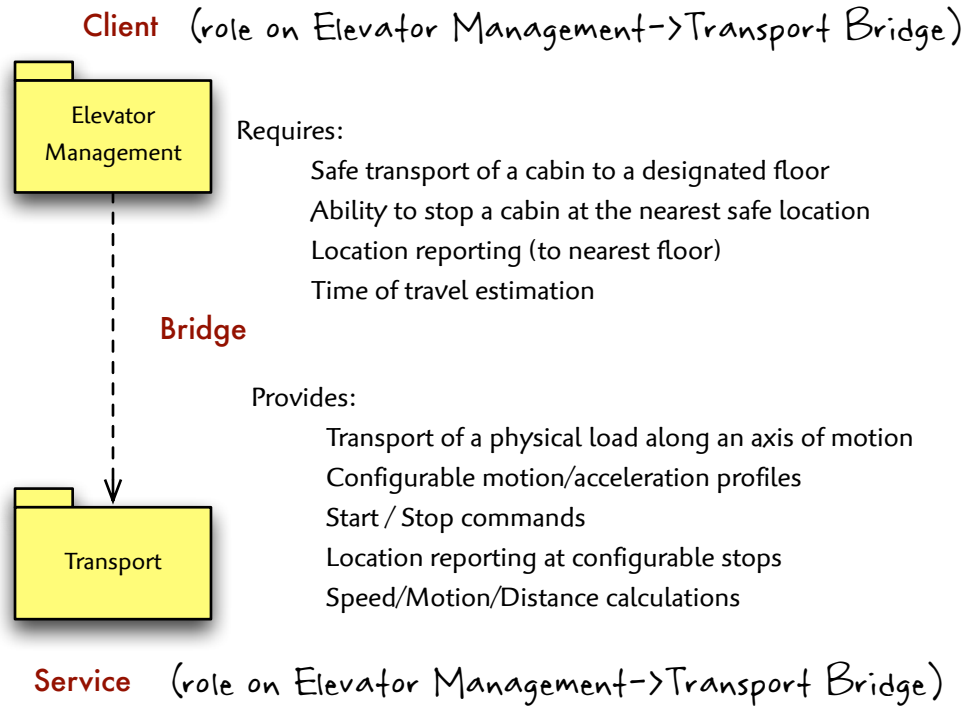Thu May 19 2011

This is a repository for graphics pasted into another document.
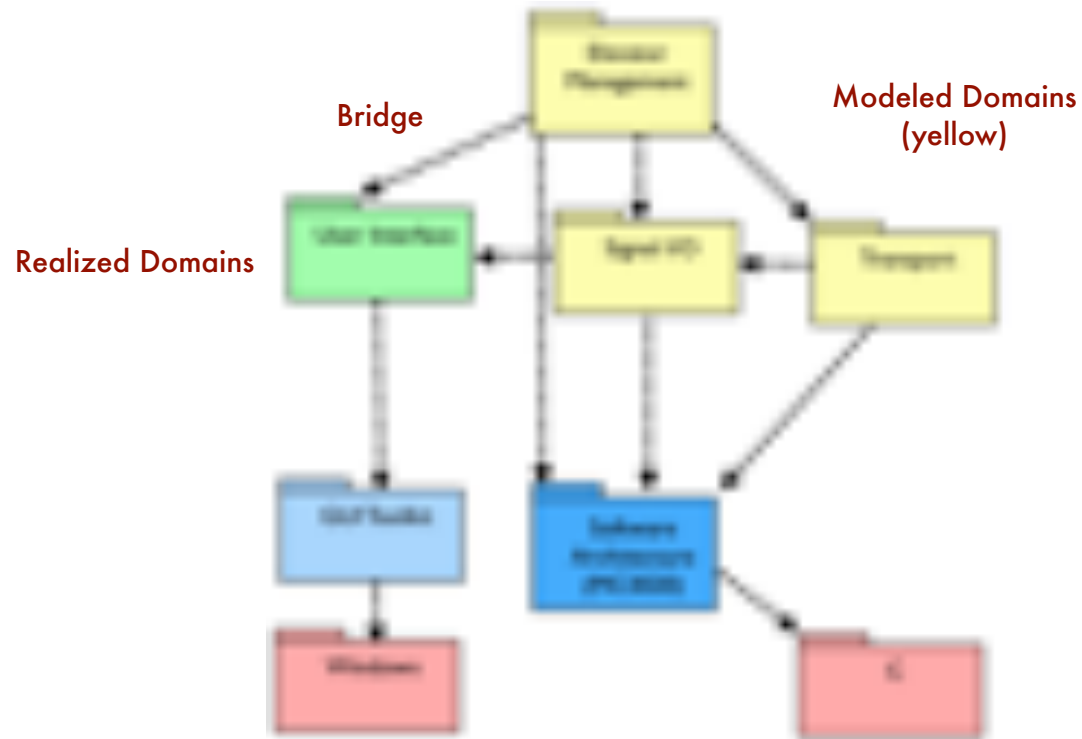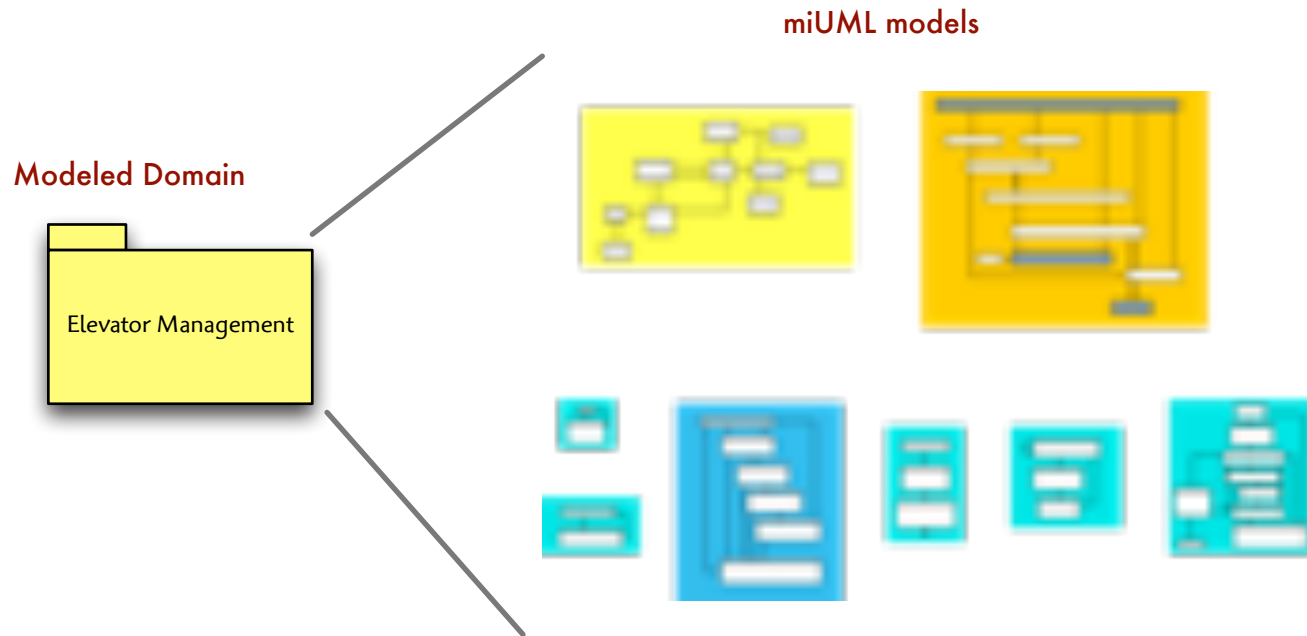
Client (role on Elevator Management->Transport Bridge)

Elevator
Management

Requires:

    Safe transport of a cabin to a designated floor

    Ability to stop a cabin at the nearest safe location

    Location reporting (to nearest floor)

    Time of travel estimation

Bridge

Provides:

    Transport of a physical load along an axis of motion

    Configurable motion/acceleration profiles

    Start / Stop commands

    Location reporting at configurable stops

    Speed/Motion/Distance calculations

Transport

Service (role on Elevator Management->Transport Bridge)

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Domain Chart

Bridge

**Modeled Domains
(yellow)**

Realized Domains

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miUML models

Modeled Domain

Elevator Management

A Modeled Domain is modeled with a complete
set of miUML Class, State and Action models.

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Domain

Material Transport

Transport Specification

Station Distribution

Subsystems

Stores and Retrieval
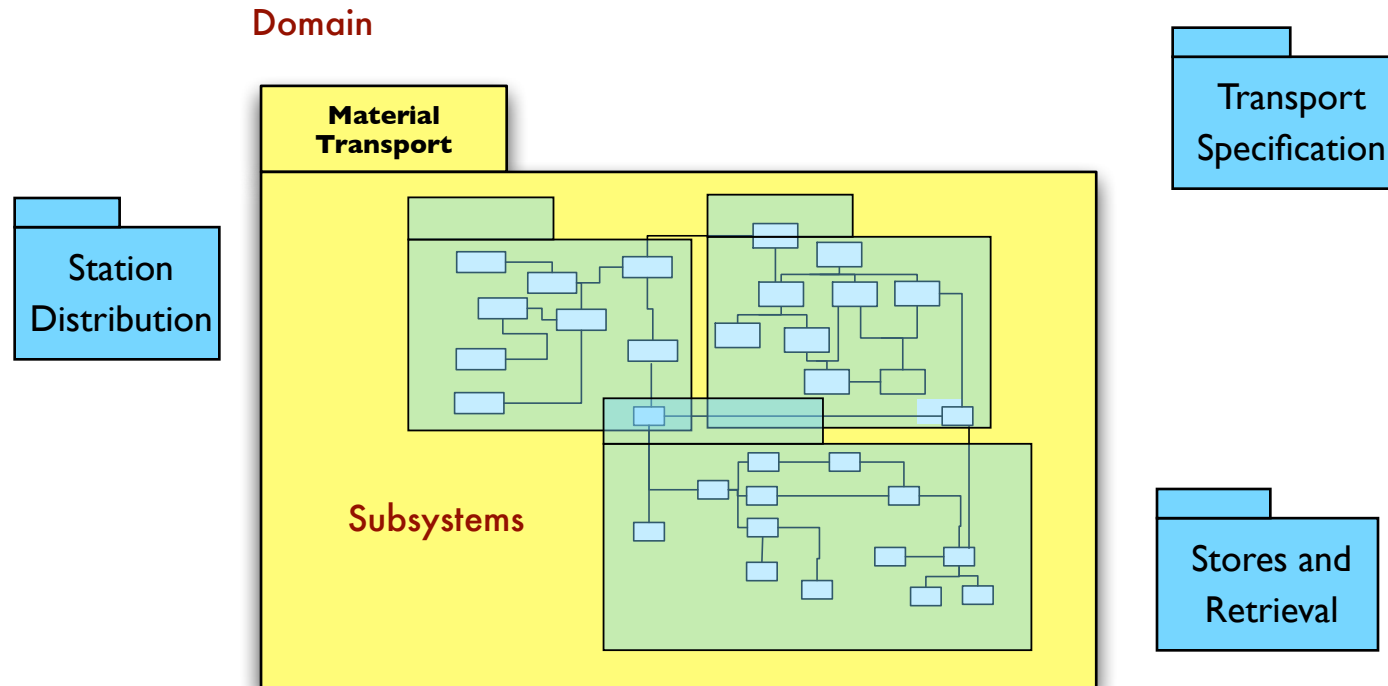
Subsystem boundaries cut across class model relationships.
As few as possible, ideally.

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