

Closed world vs. open development

compare

ADM machine and framework for observation

Brodner's dialectic between form and process

execution of ADM by super-agent

= operational account of an LSD specification

no guarantee re system behaviour **other than**

what is conceivable of external phenomena being observed

progressive commitment re conceivable behaviour

+ constraints on super-agent privileges

Applications of Empirical Modelling

precise specification of circumscribed system behaviour?

objective observer? vs. many designers?

concurrent engineering:

systematic negotiation and partial commitment

hierarchy of agents to resolve conflict / singularity.

requirements analysis as particular case (Beynon & Russ)

concurrent engineering via

designer, analyst and implementor

from "what is observed" to "what is believed"

designer: *what patterns of observables suit the requirement?*

implementor: *what model fragments can be constructed?*

analyst: *what assumptions can justify corporate behaviour?*