Andrius Kulikauskas, MII&MEIF, Vilnius Gediminas Technical University
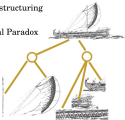
2014.04.24 Vinty 世界図会 II

Visualization as Restructuring

and thus

a Source of Logical Paradox

Kęstas Augutis
(1353-1868)

"3 Books"

Chronicle (blog)   Thesaurus   Encyclopedia

Sequence   Tree   Network

Tools for organizing thoughts?

TheBrain

MindManager

An import/export standard?
A modeling language?

MANAGEABLE

Evolution	Atlas	Workflow	Chronicle	Catalog	Odyssey

OVERWHELMING

Tree *restructured with* Sequence

Evolution

DOGS EVOLUTION

Allan Beauchardon — studiioscan.com

Sequence

restructured with

Network

Workflow

Network
restructured with
Sequence

Odyssey

Atlas

Disneyland

BUSINESS ACTIVITIES

Tree

restructured with

Network

Catalog

EVOLUTION = Communication, also Profile

WORKFLOW = Activity, also Sequence, Timing, Interaction, Composite structure, Use case, Interaction overview

CATALOG = Class, also Object

ATLAS = Deployment, also Component

Unified Modeling Language

Diagrams taken from Wikipedia

CHRONICLE = ?

ODYSSEY = State

External Relationships

Internal Structuring

Properties of complex systems

Ways of thinking

Evolution
building blocks
possibilities

Alike
diversity
divergence

Workflow
community
priorities

Chronicle
version models
network models

Catalog
logic
convergence

Odyssey
flows
segments

Doesn't know

Conceptualizing

Knows

Questions
Rational
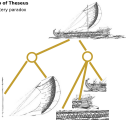Cognizant
Slow thinking
System 2
Manageable

A gap far paradox?

Answer
Intuitive
Uncognizant
Fast thinking
System 1
Overthinking

Concepts may be inexact.

The #sep (Sorites)
Chicken or the #eg?

Where exactly
did wolves
become dogs?

Evolution
Paradox

The whole is not equal to the parts.

Ship of Theseus
Lottery paradox

Atlas
Paradox

network

Our attention affects what we observe.

Workflow

Paradox

Zeno's paradox
Interesting number
Monty Hall

subjectm

sequencec
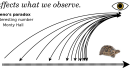
Contradiction may be limited.

Russell's paradox
Berber paradox
Murphy's Law

Chronicle

Paradox

sequence

Not all assumptions are explicit.

Cantell's paradox Whatever Logic is good enough to tell me is worth telling them ...

Berry paradox The first number not nameable in under eleven words* is named in nine words.

Catalog
Paradox

10 + 4

11   12

= 21

CRISE

Axioms of Zermelo-Fraenkel Set Theory