

Change Management in Software Development Organizations DIT035, 7.5 credits

Lecture 6: Modes of Change

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Previous lectures and reading

- ☼ Questions?
- Examples from exercise to share and discuss?

10/10/22

Agenda

- ☼ Overall reflections A#2
- Different perspectives
- 4 Motors for action and process
- Unit and Mode of Change
- Punctuated Equilibrium
- ☼ Tempo of Change







Overall reflections from Assignment #2

- Several good examples of headings that create a synthesis
- Level of abstraction of the themes / headings
 - ☼ more general, easier to fit more concepts
 - ☼ more specific, more narrow to include concepts
 - ☼ make sure to include headings...
- ⇔ Approaches
 - order by type/kind, aspects
 - order by time, phases
 - ♡ ...
- Avoid this in headings
 - ☼ a list of concepts
- ☼ Introduction and Conclusion are not required in the final report

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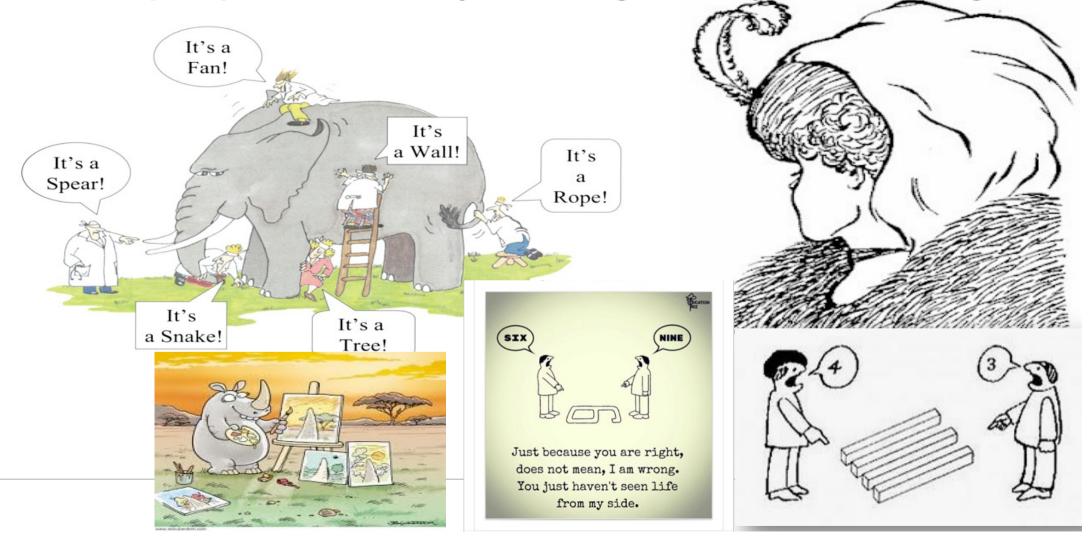
Agneta Nilsson

Cont.

- Avoid sequential presentation of the concepts under the theme / heading
- Pay attention to details regarding your use of referencing technique
 - ☼ Do not use page number(s) when it is no direct quote
 - Remember to use page number(s) when it actually is a direct quote
 - Do not use incorrect name or year
 - Alphabetical order of list of references
 - Do not use bullets, index or other incorrect formatting in the reference list
 - Place the reference near the concept or statement that is connected to the reference sometimes you need to separate the references and put one reference near one concept and the other reference near the other concept to get it right.
 - ☼ Refer only to sources that you have actually read (usually)

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Different perspectives - A way of seeing is a way of not seeing





Explaining development and change in organizations (Van de Ven & Poole, 1995)



Framework explaining organizational change





4 Motorsbasic types of process theories

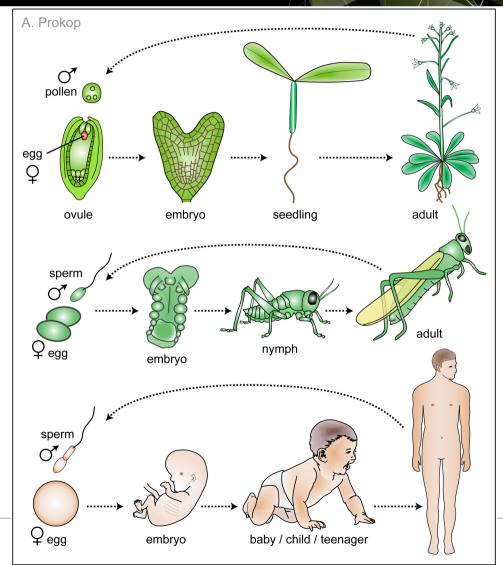
"Fundamentally different event sequences and generative mechanisms to explain how and why changes unfold"

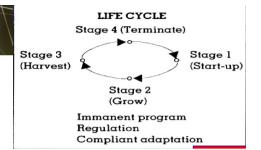




Life Cycle

Key metaphore: Organic growth





TELEOLOGY Dissatisfaction Implement Goals Set/Envision Goals Purposeful enactment Social construction

Consensus

Teleology From Greek telos, meaning end or purpose.

Key metaphore: Purposeful cooperation

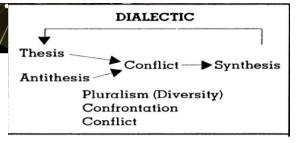




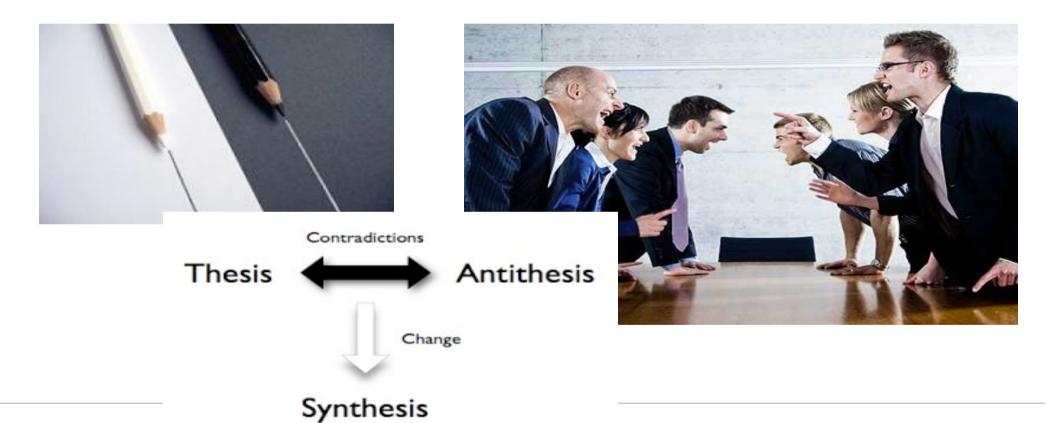








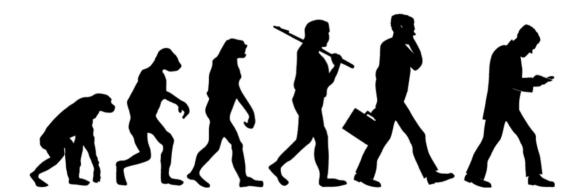
Dialectic Key metaphore: Opposition, conflict



Environmental selection

Evolution

Key metaphore: Competitive survival

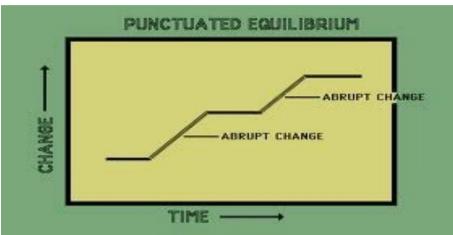


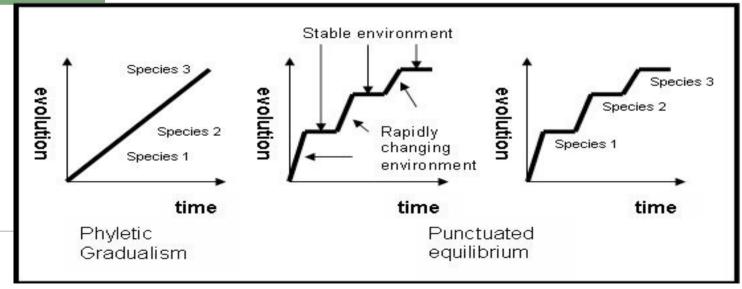




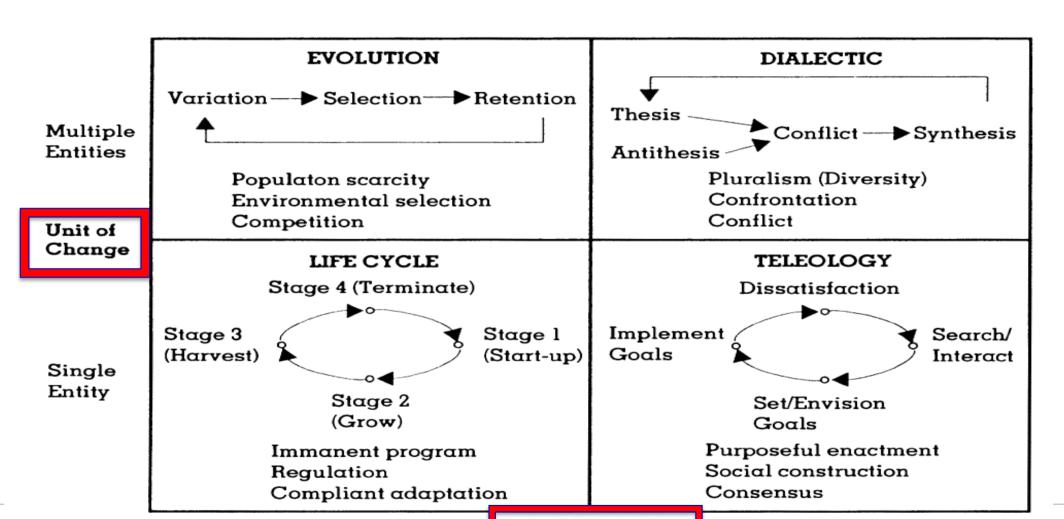


Punctuated Equilibrium





Prescribed



Mode of Change

Constructive

Ideal Type vs Hybrid theories

- Single-motor theories
- Dual motor theories
- Tri-motor theories
- Quad-motor theories

Discussion

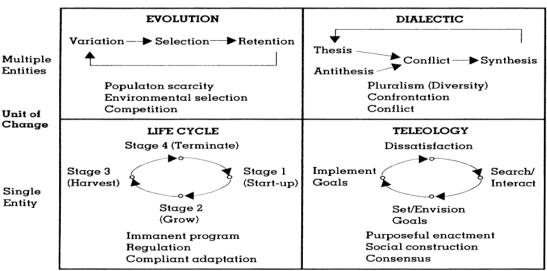
Can you give an example of a transition process in the IT world (in an organization, a company, or a phenomena...) for each of the 4 motors for action and process

> Single Entity

Life cycle: Key metaphore: Organic growth Evolution: Key metaphore: Competitive survival

Dialectic: Key metaphore: Opposition, conflict

Teleology: Key metaphore: Purposeful cooperation



Mode of Change Prescribed

Constructive



Organizational change and development (Weick & Quinn, 1999)

Tempo of Change

- "characteristic rate, rhythm, or pattern of work or activity"
- ☼ Building on and contributing to theory of the 4 motors
- Episodic change
- Continuous change

1: Metaphor of the nature of organization

Episodic

- Viewed as stable and inertial
- Change is infrequent, discontinuous, intentional

Continuous

- Viewed as emergent and self-organizing
- Change is constant, evolving, cumulative

2: Analytic framework to understand the change process

Episodic

- Change is seen as an occasional interruption from the normal and equilibrium
- ☼ Tends to be dramatic and driven externally (i.e. by management above or by management consultants)
- Often triggered by some external event after some period of inertia

Continuous

- Change is a pattern of endless modifications in work processes and social practice
- Driven by organizational instability and alert reactions to daily contingencies
- Numerous small accommodations accumulate and amplify

3: Ideal organization – effectively functioning

Episodic

Capable of continuous adaptation

Continuous

Capable of continuous adaptation

4: Intervention theory - when, where, and how move to the ideal

Episodic

Necessary change created by intention

Lewinian:

Unfreeze - Transition - Refreeze

Continuous

Redirection of what is already under way

Freeze – Rebalance - Unfreeze

5: Role of change agents

Episodic

 Prime mover who creates change

Continuous

Sense maker who redirects change







Discussion

- How does punctuated equilibrium relate to the IT world can you give an example of this?
- Can you give and example of a transition process in the IT world for each of the two tempo of changes
 - ☼ Episodic
 - ☼ Continuous

Exercise

- Define and explain the key concepts in the theory of Van De Ven and Poole (1995).
- Define and explain the key concepts in the theory of Weick and Quinn (1999).
- Describe how the theories by Van de Ven and Poole (1995) and Weick and Quinn (1999) are related to each other.