

# Reflection applied on Systems Architecting

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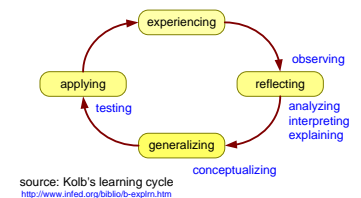
## Abstract

Reflection facilitates the learning process. We discuss a simple reflection model and provide some means for reflection.

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August 21, 2020  
status: preliminary  
draft  
version: 0



## *Colophon*

Merete Faanes from Buskerud University College created the educational flow *Reflective Practice*. Reflective Practice is a thread throughout the entire master Systems Engineering to stimulate students to relate *Education and Practice*.

These workshops are the result of the cooperation of Merete Faanes and Gerrit Muller

# When to Reflect

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Reflection  
Before  
Action

*anticipation*  
*preparation*

Reflection  
In Action

*concurrent*

Reflection  
On Action

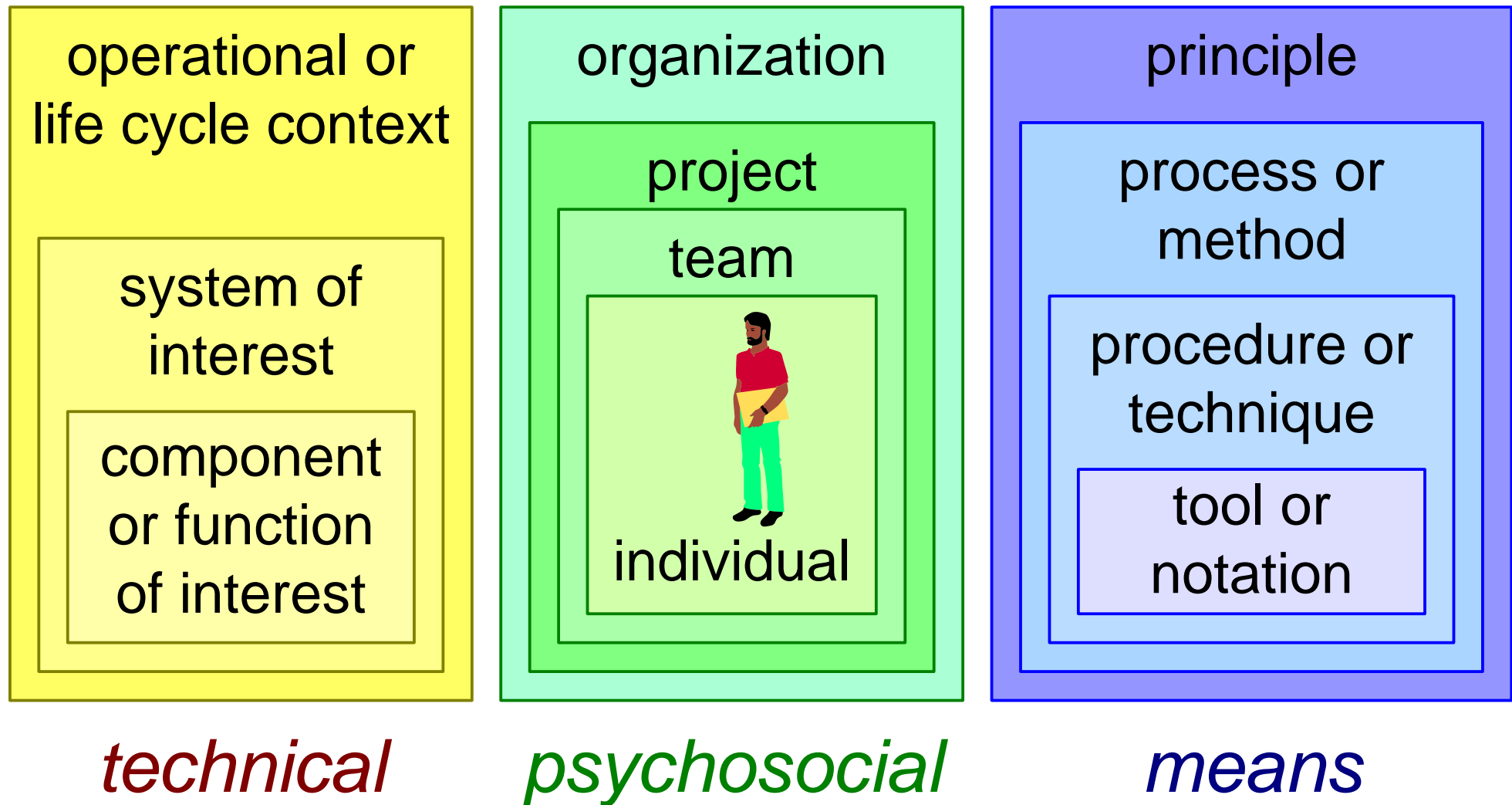
*retrospective*

action

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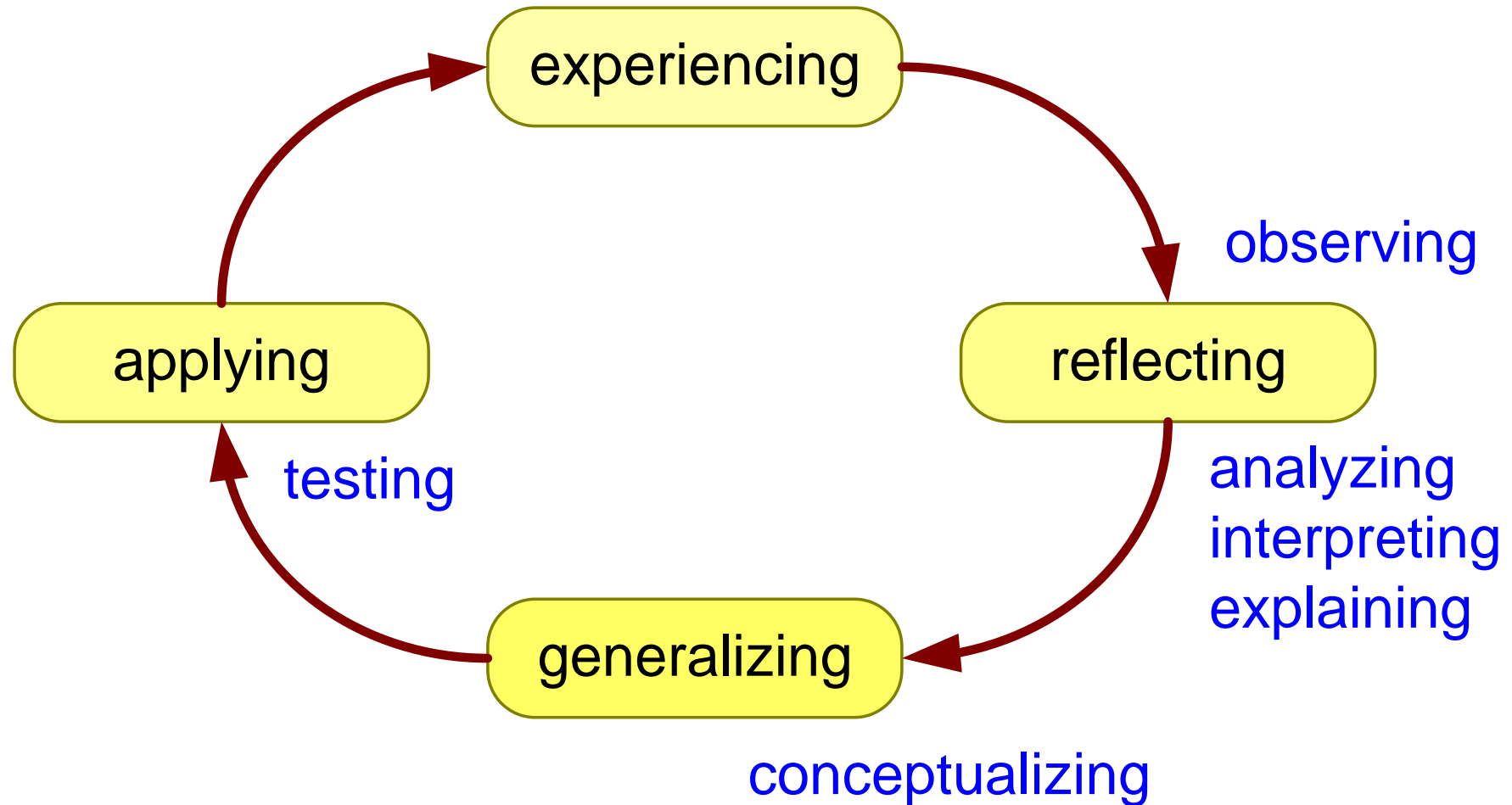
time →

# Scope: What to Reflect on



# Reflection Cycle

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source: Kolb's learning cycle

<http://www.infed.org/biblio/b-explrn.htm>

# Example of Reflection Questions

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What stakeholders are involved?

What are their needs and concerns?

What is our goal?

How did we get in the current situation?

What is going well, what is going bad?

What approach can we take?

What do we expect to happen?

et cetera

# Recommended Reflection Report Content

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subject or goal

description of your experiences

analysis

lessons learned

actions as follow-up

*avoid broad generic statements*

*illustrate with specific examples*