

Evaluation from a Wider Context

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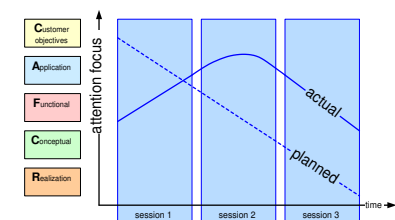
Abstract

The architecting method is evaluated by means of experiences in research projects, in workshops and in courses. This evaluation complements the evaluation of the architecting method by means of the medical imaging case.

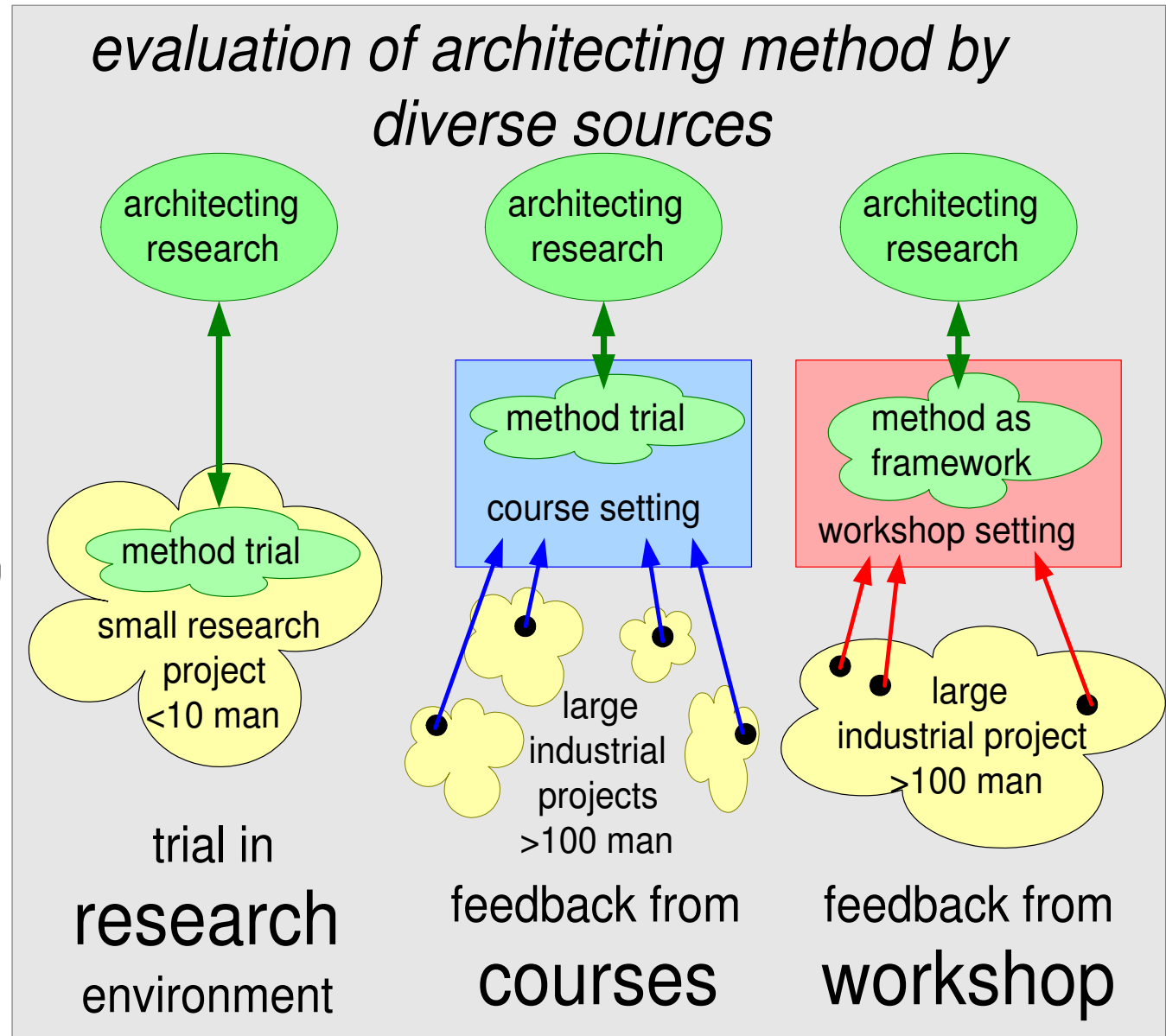
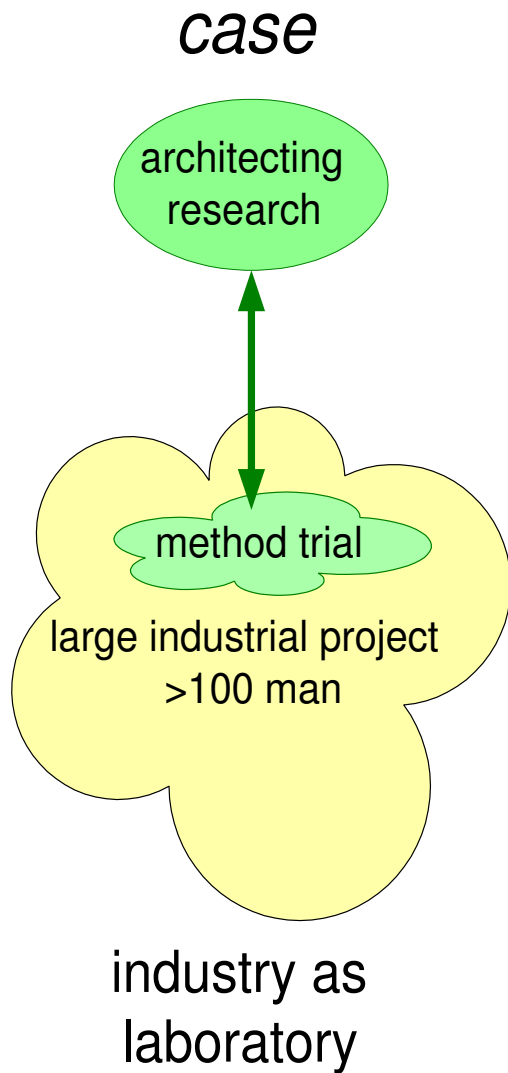
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Overview of other evaluation sources



Architecting submethods used in research projects

research projects

family asset management

project infrastructure platform

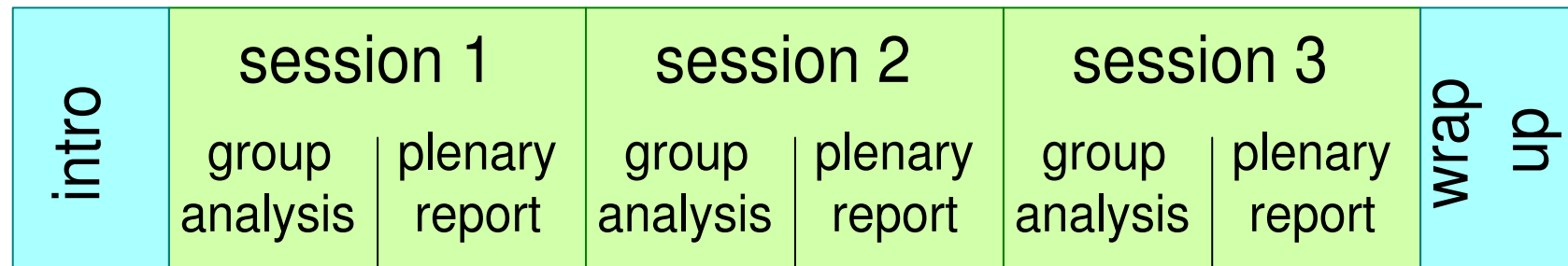
heart-care

platform for portable multimedia

SW productivity for AV systems

composable architectures

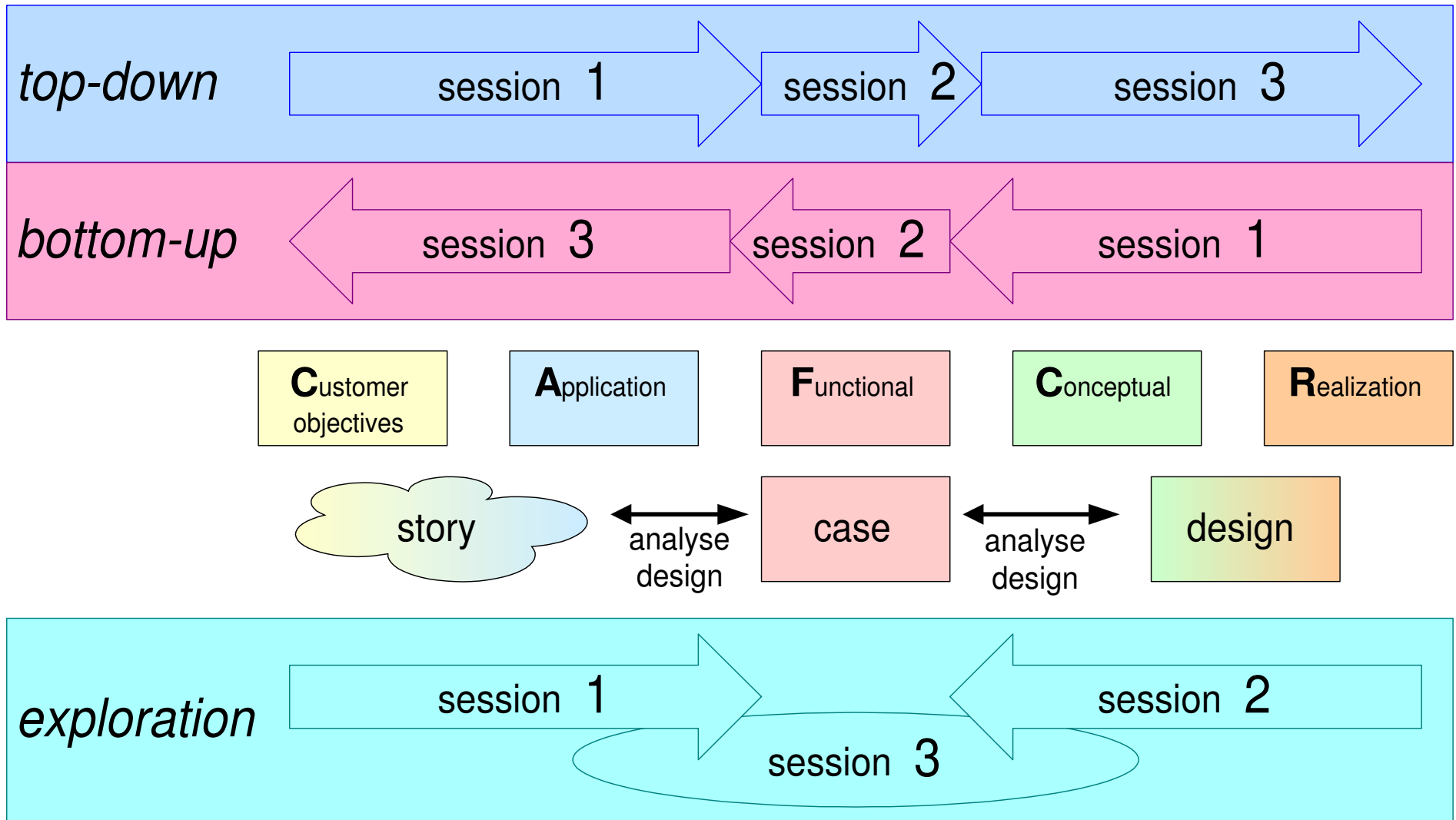
Workshop subjects and program template



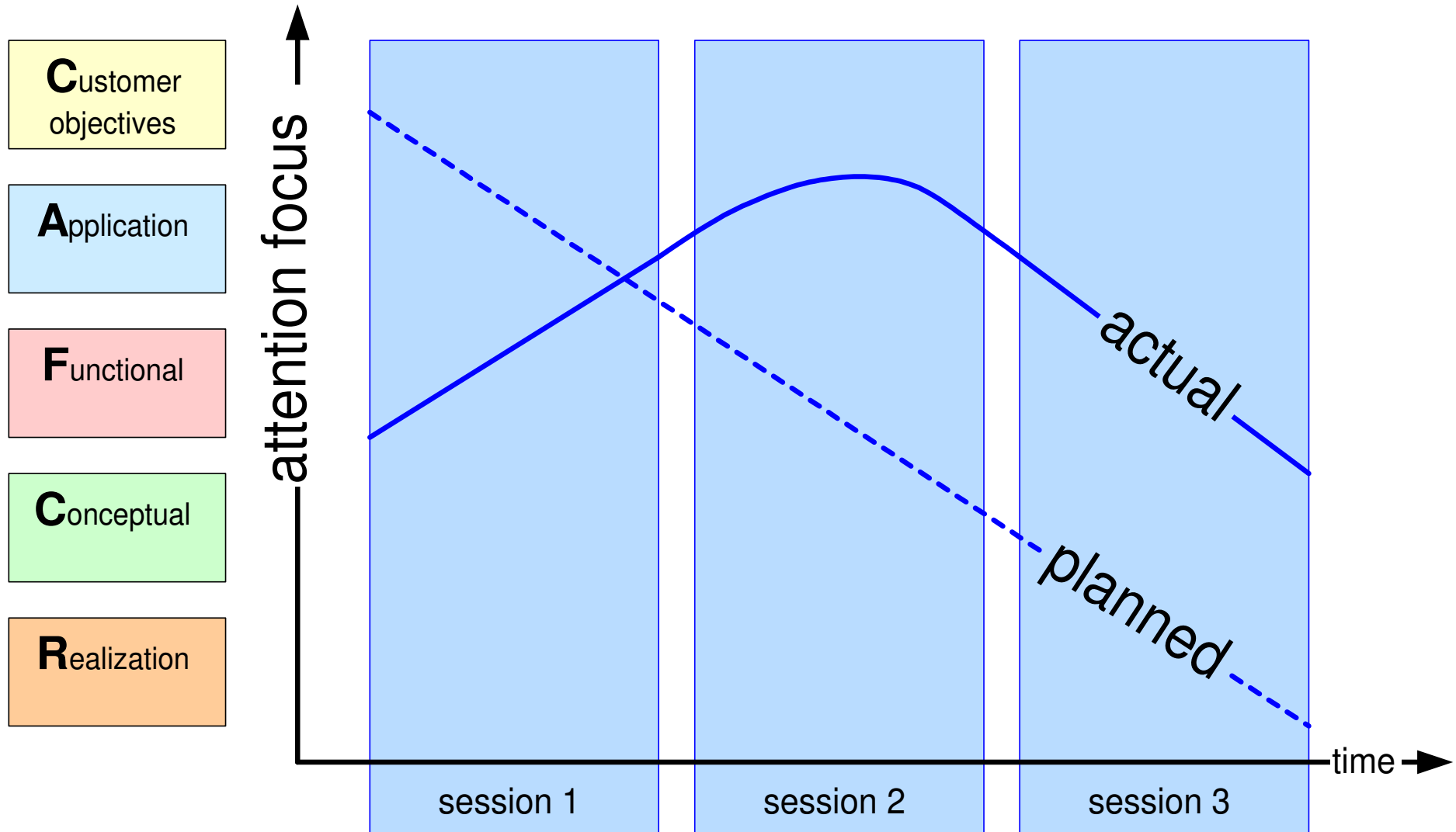
9:00

17:00

Workshop approaches



Hysteresis due to latency in viewpoint change



multi-media case

role play
(no method)

toolkit
story to design

case based on participants context

requirements
key driver

role of SW
multi-view

board of
management
multi-view

Conclusions

1. product is a commercial success
2. product family is sustainable commercially successful
3. architects benefit from deploying submethods in multi-view framework

| | | | | |
|---------------------|------|-----|------|---------------|
| submethods | CA ✓ | F ✓ | CR ✓ | <i>c1..c7</i> |
| qualities checklist | ✓ | | | <i>q1, q2</i> |
| story telling | ✓ | | | <i>s1..s4</i> |

| | | |
|---------------------------|---|---------------|
| integration of the method | | |
| multi-view framework | ✓ | <i>c1..c7</i> |
| reasoning | ? | |
| iteration speed required | ! | <i>i1..i3</i> |

4. project leaders, product managers and engineers are able to use the outcome of the submethods

| | | |
|--|---|-----------|
| project focus more attention for customer needs | ✓ | <i>o1</i> |
|--|---|-----------|

| |
|--------|
| legend |
| OK |
| doubt |