

# Module Architecting Method Overview

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## **Abstract**

This module described the overview of the complete architecting method.

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status: draft

version: 0

logo  
TBD

# Overview of CAFCR and Threads of Reasoning

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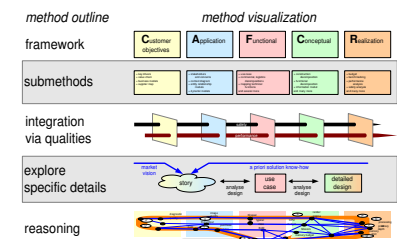
## Abstract

The described architecting method uses the CAFCR model as starting point. Qualities are used as orthogonal dimension to integrate the CAFCR views. Story telling is used to add specifics. Threads of reasoning combine all the information into a coherent overview.

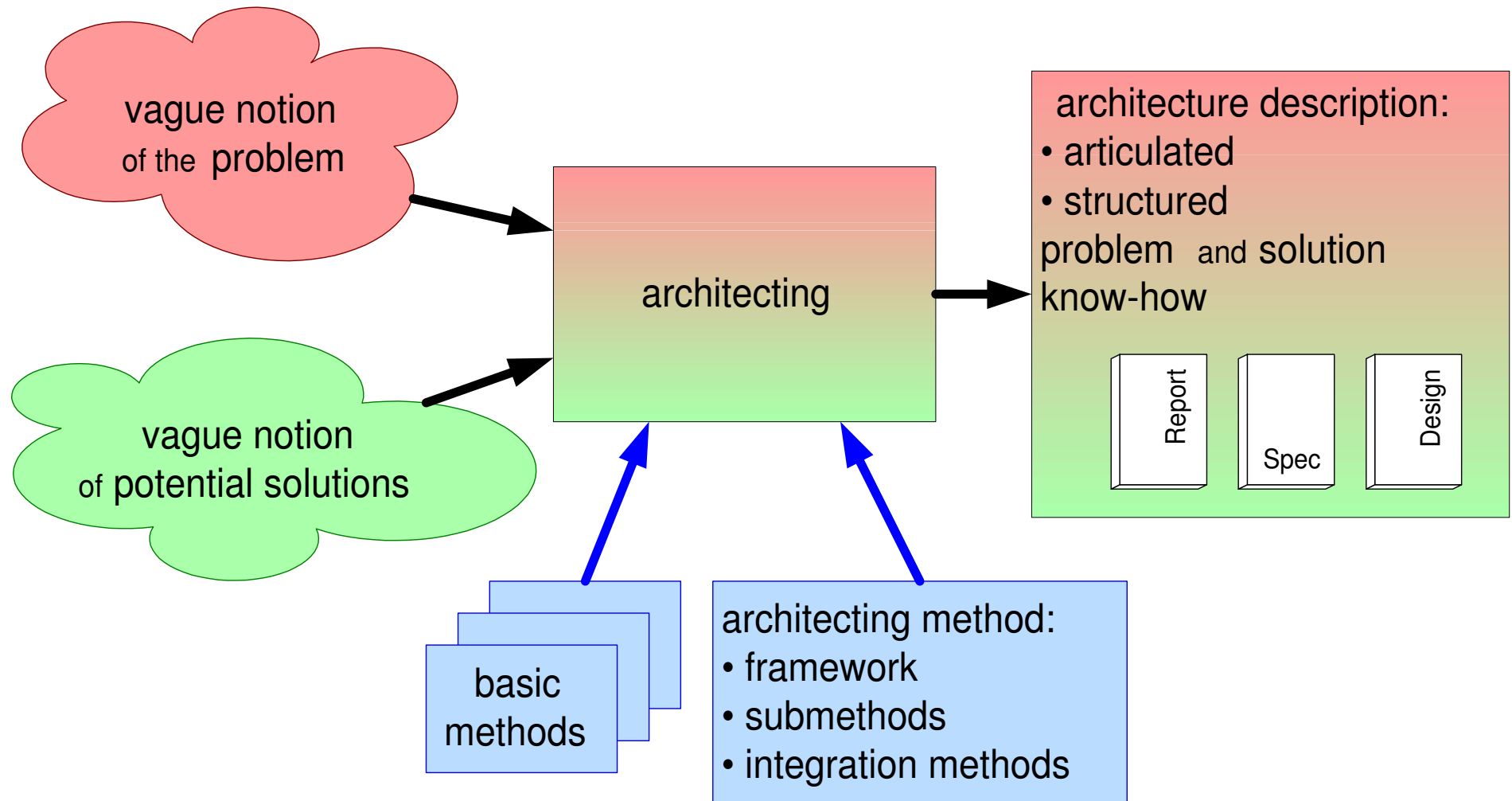
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# From vague notions to articulate and structured

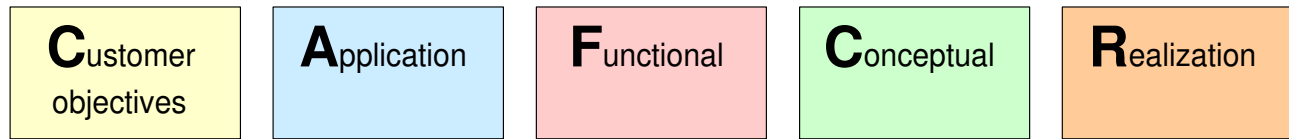


# Overview of architecting method

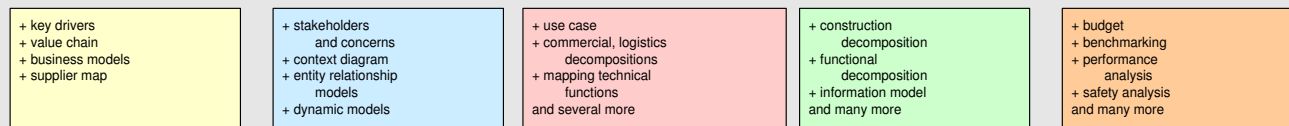
## method outline

## method visualization

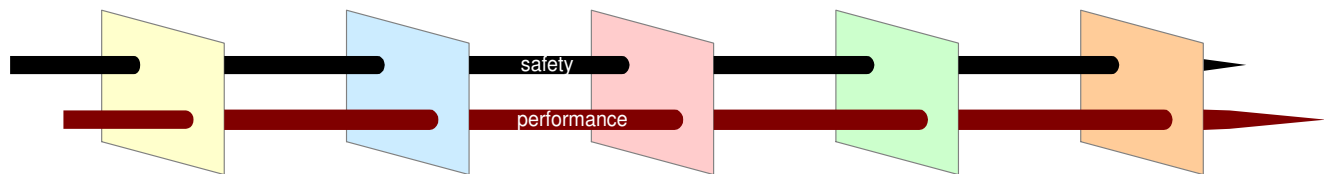
### framework



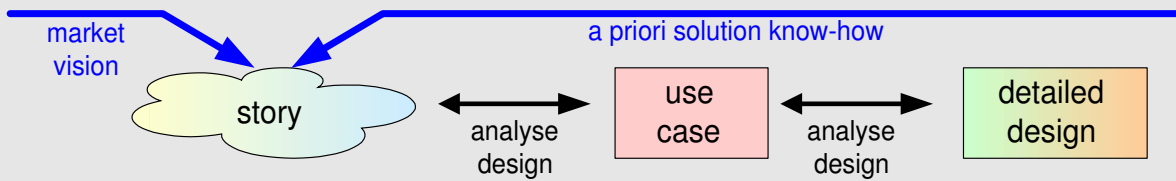
### submethods



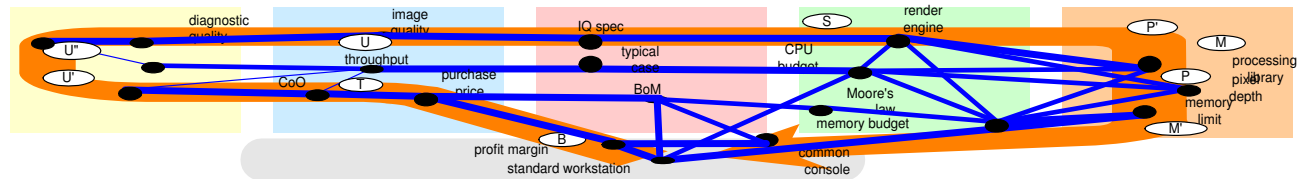
### integration via qualities



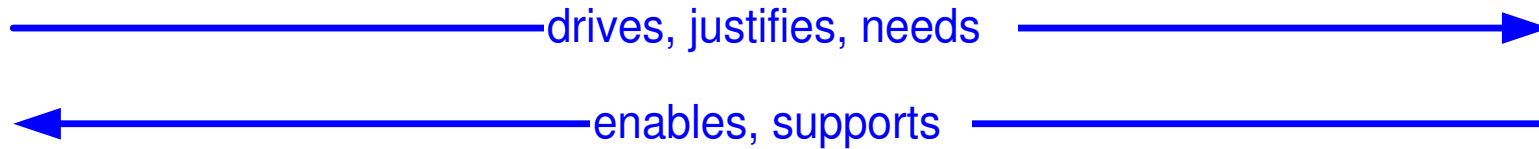
### explore specific details



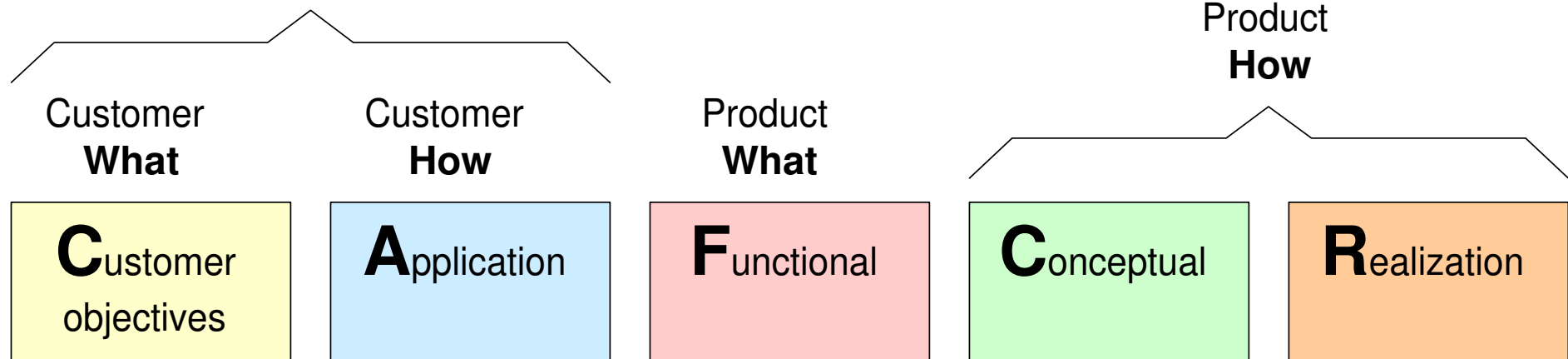
### reasoning



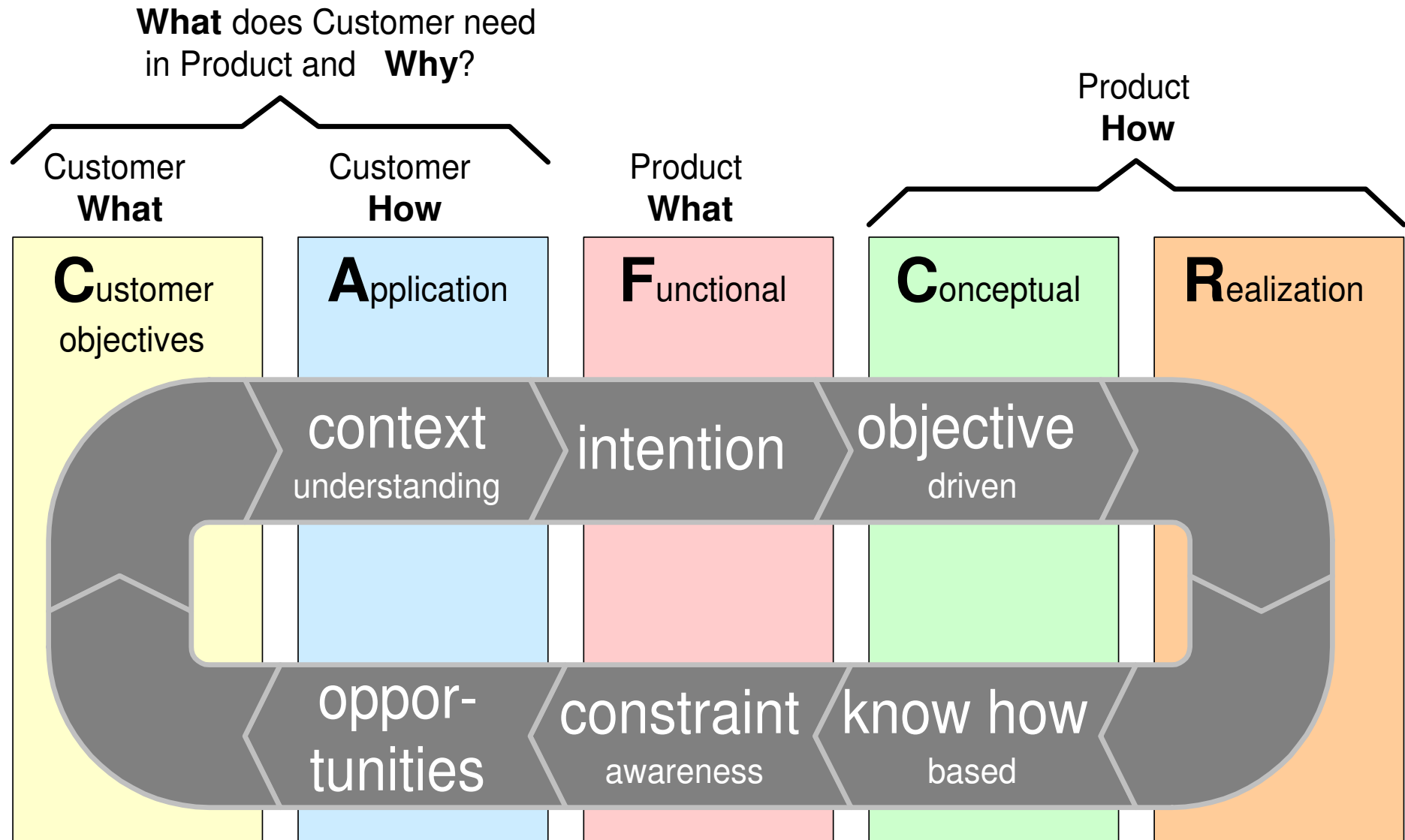
# The "CAFCR" model



**What** does Customer need  
in Product and **Why?**



# Five viewpoints for an architecture



# Short introduction to basic “CAFCR” model

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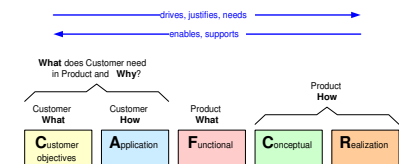
## Abstract

The basic “CAFCR” reference model is described, which is used to describe a system in relation to its context. The main stakeholder in the context is the customer. The question “Who is the customer?” is addressed.

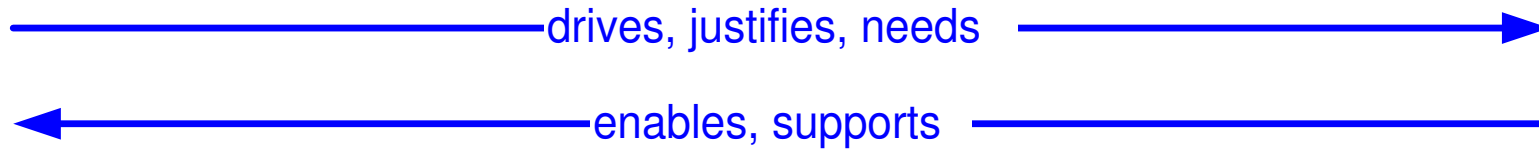
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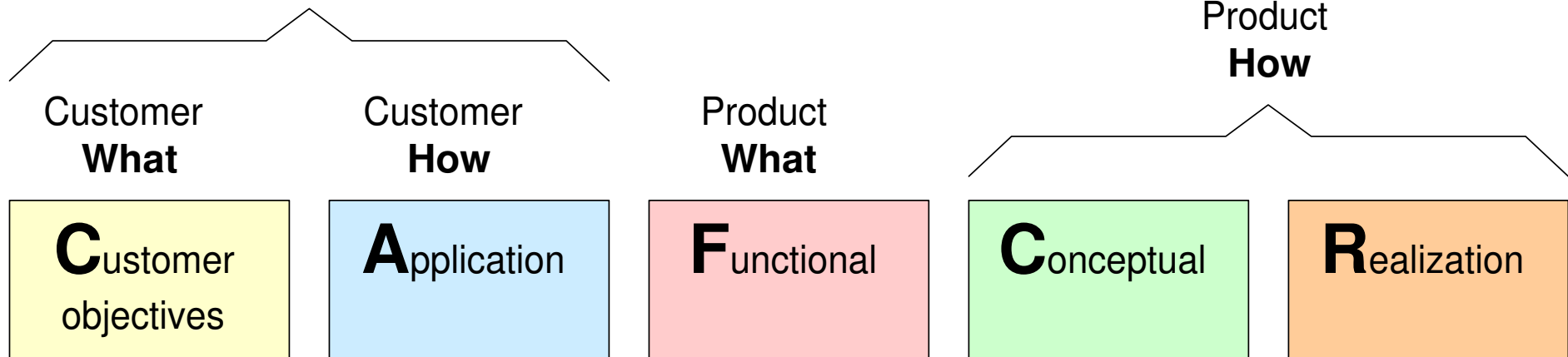
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# The “CAFCR” model

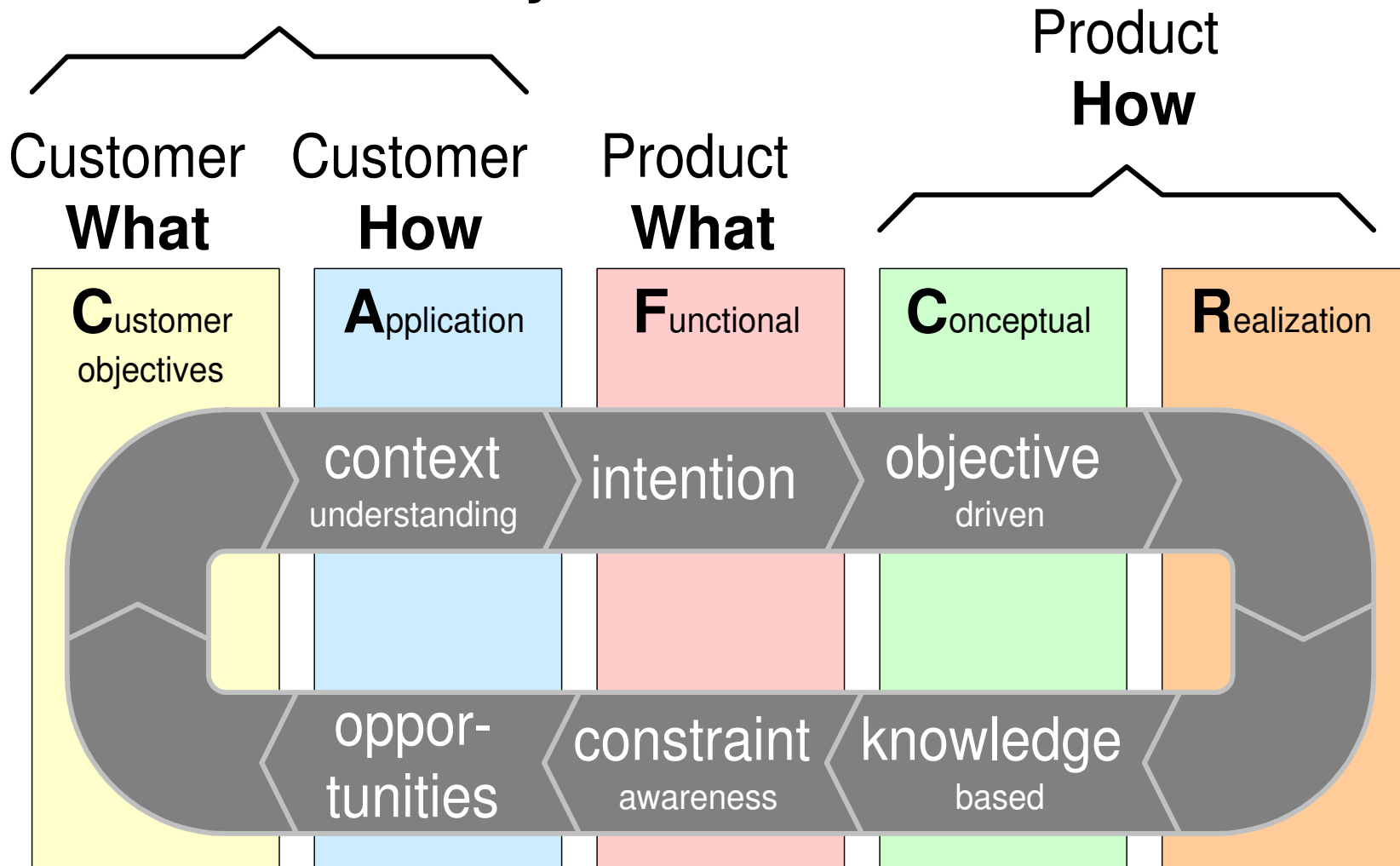


**What** does Customer need  
in Product and **Why?**

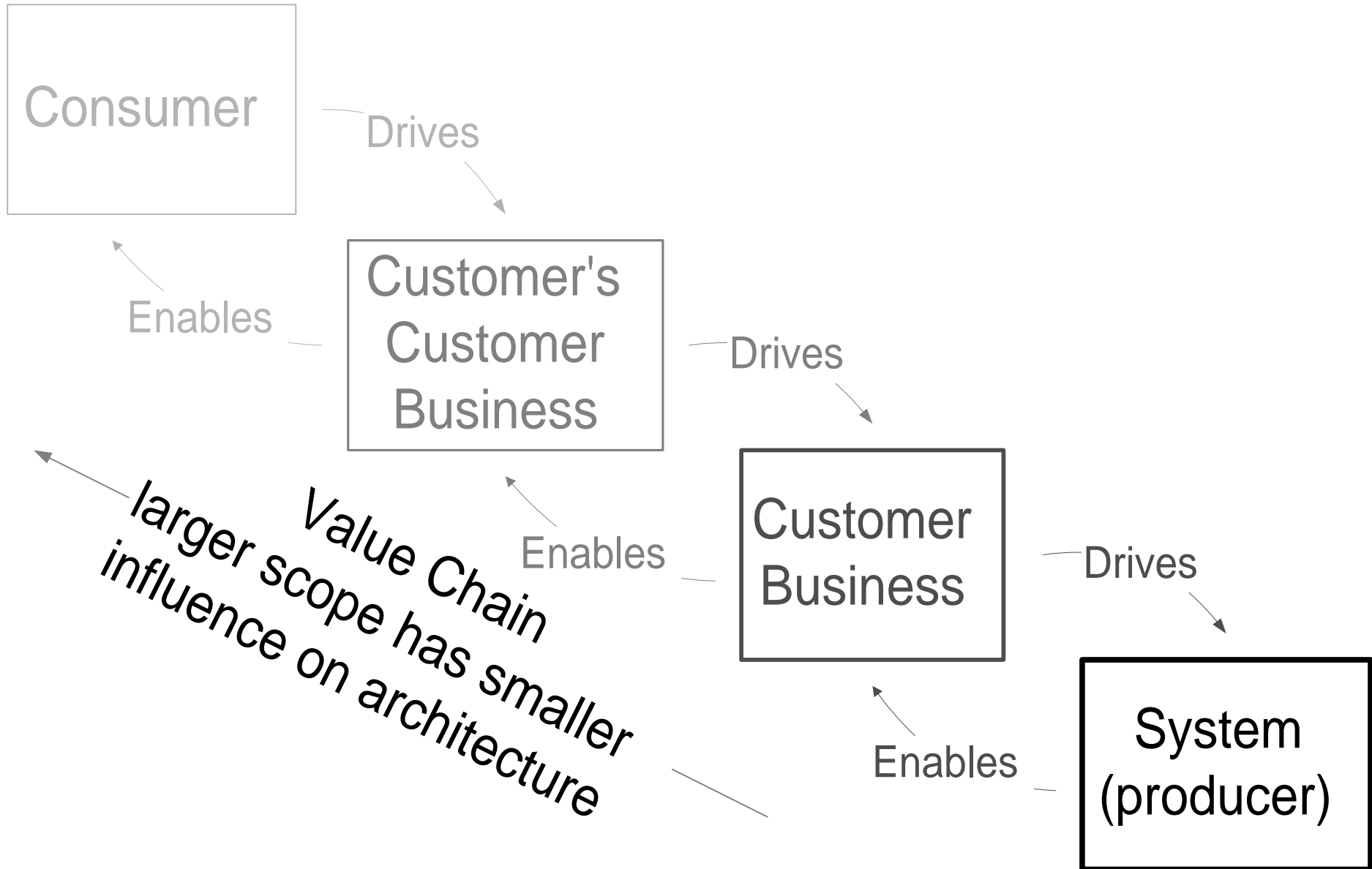


# Integrating CAFCR

**What** does Customer need  
in Product and **Why?**



# CAFCR can be applied recursively



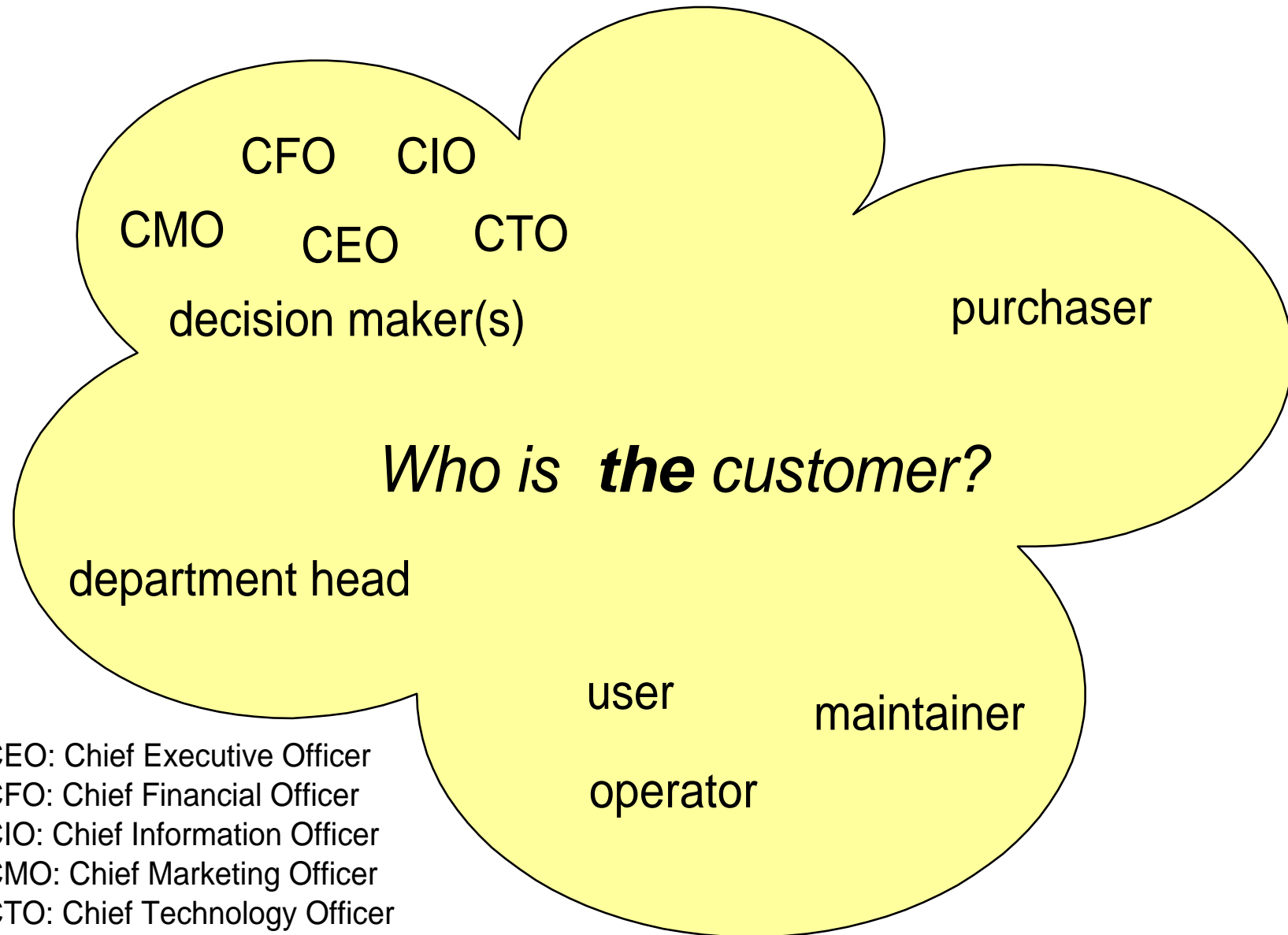
# Market segmentation

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segmentation axis	examples
geographical	USA, UK, Germany, Japan, China
business model	profit, non profit
economics	high end versus cost constrained
consumers	youth, elderly
outlet	retailer, provider, OEM, consumer direct

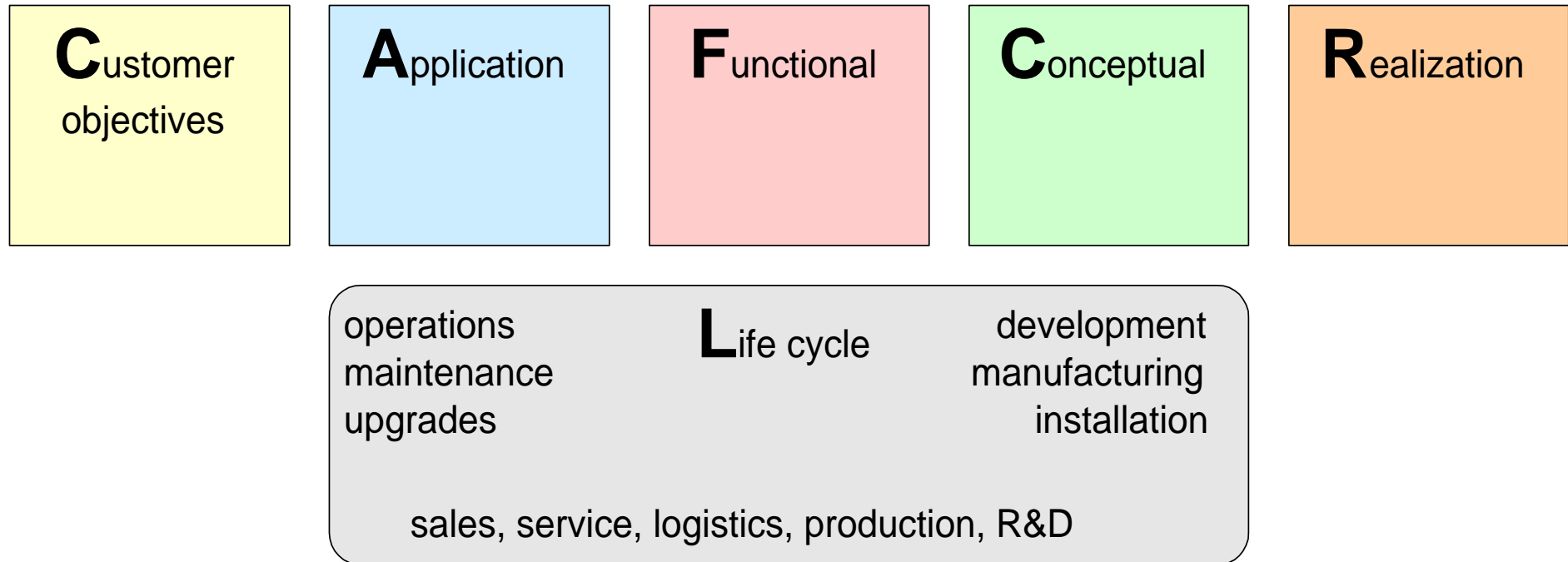
# Example of a small buying organization

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# CAFCR+ model; Life Cycle View

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# Exercise Architecting Method Overview

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- make a bottom-up analysis of your product:
  1. realization
  2. conceptual
  3. functional
  4. application
  5. customer objectives
  6. qualities
- use time boxes of 15 minutes per view
- show the most dominant decomposition of that view, as diagram or as a list