

Analysis Basics

- Steps for analyzing the system
- Communication problems
- Roles in the software project

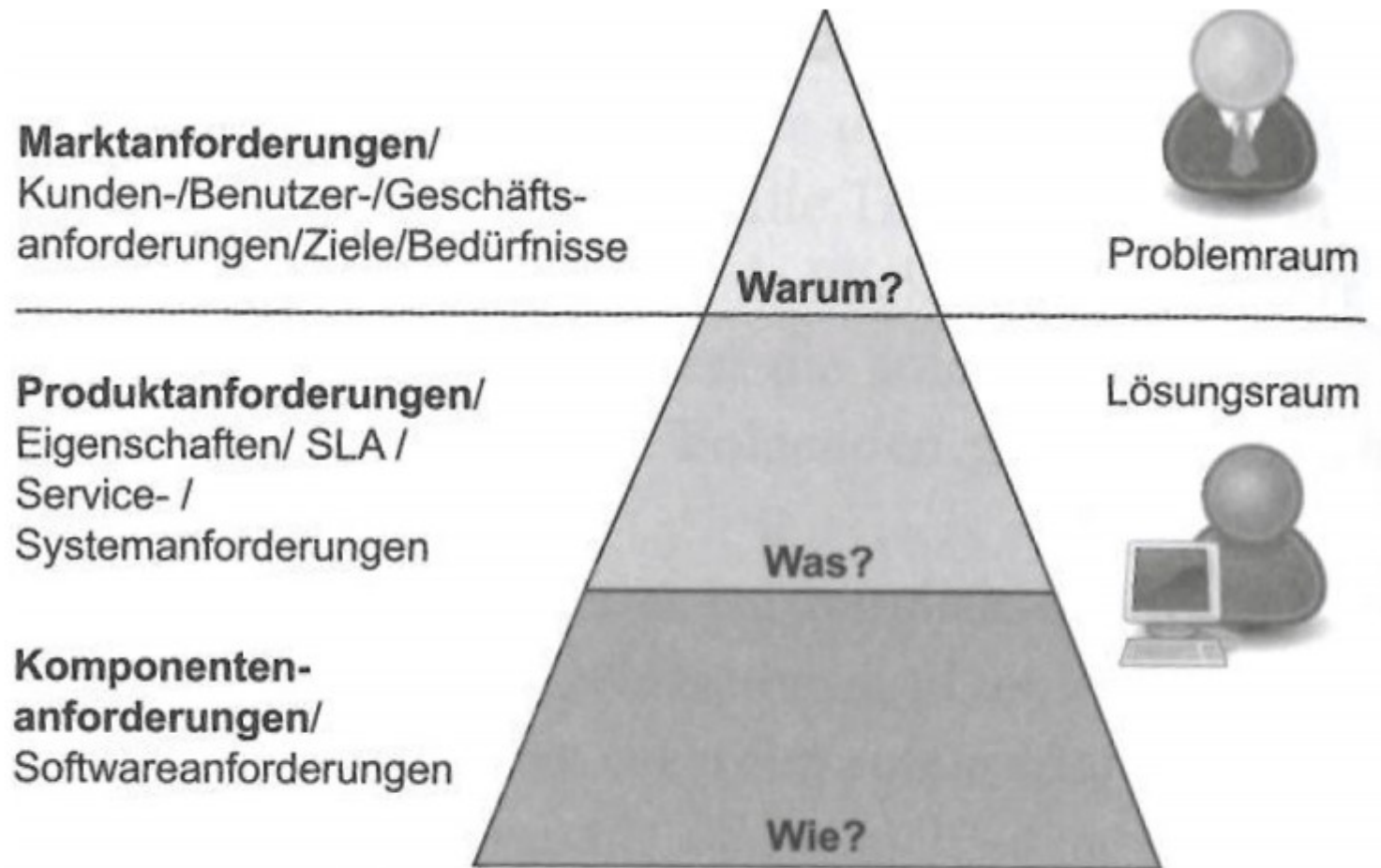
Steps

- Find a common language
 - Define what is meant by technical terms and application specific terms
- Talk to the customer and the system users and find out
 - How they currently do their job (Ist-Analyse)
 - What they need to do it better (Soll-Analyse)

Problems of Communication

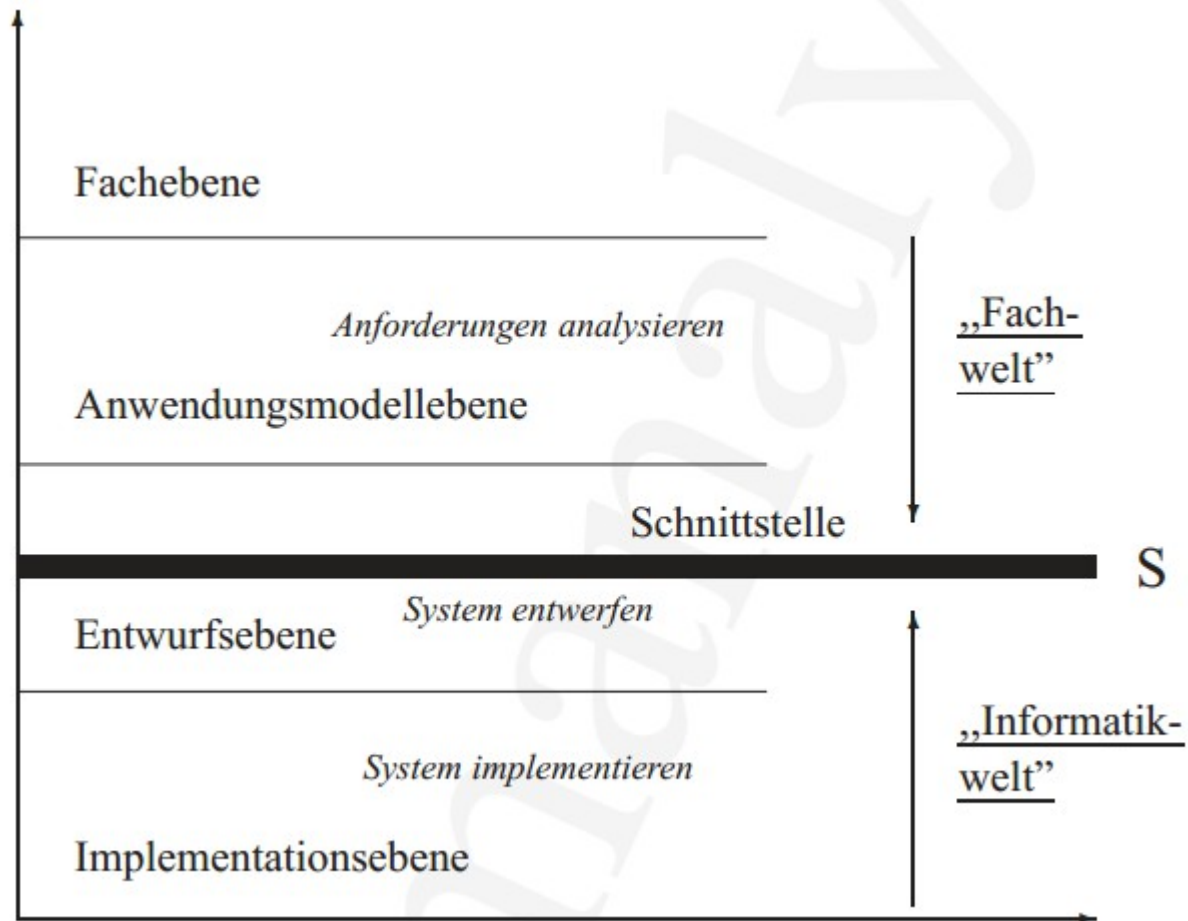
- Within obstacle
 - It is hard to describe implicit knowledge to the outside world (customer must describe the wanted functions to the developer)
- Among obstacle
 - The more users a system has, the more different features are on the wish list (some more some less important)
- Between obstacle
 - Analyst ,Developer, customer and user have their own domain specific language

Aliens from different Worlds



Christof Ebert, Systematisches Requirements Engineering und Management: Anforderungen ermitteln, spezifizieren, analysieren und verwalten, 2010.

Interfaces connecting different Worlds



Systemanalyse für Softwaresysteme, Bonin, 2006.