Abstraction gap / causal connection

- 2 sub-questions
  - Managing different levels of abstraction
  - Managing the temporal gap

- Heterogeneous group
  - Lots of discussion to understand each other
Managing different levels of abstraction

• Talked about different kinds of models
  • Requirements model
  • Architectural model

• Depends much more on the purpose of models than on the level of abstraction itself
Managing different levels of abstraction

- Way of studying the question
  - Need a classification of runtime model
  - Elaborate specific examples with several models / levels of abstraction
  - Study relationship between models, how they are related
Temporal gap

- Also related to the type of models
  - Abstract concept may still be easy obtained from the running system
- Question of the infrastructure, what are the basic building blocks (components?)
  - Easier with higher-level building blocks