

# Bindings in AADL

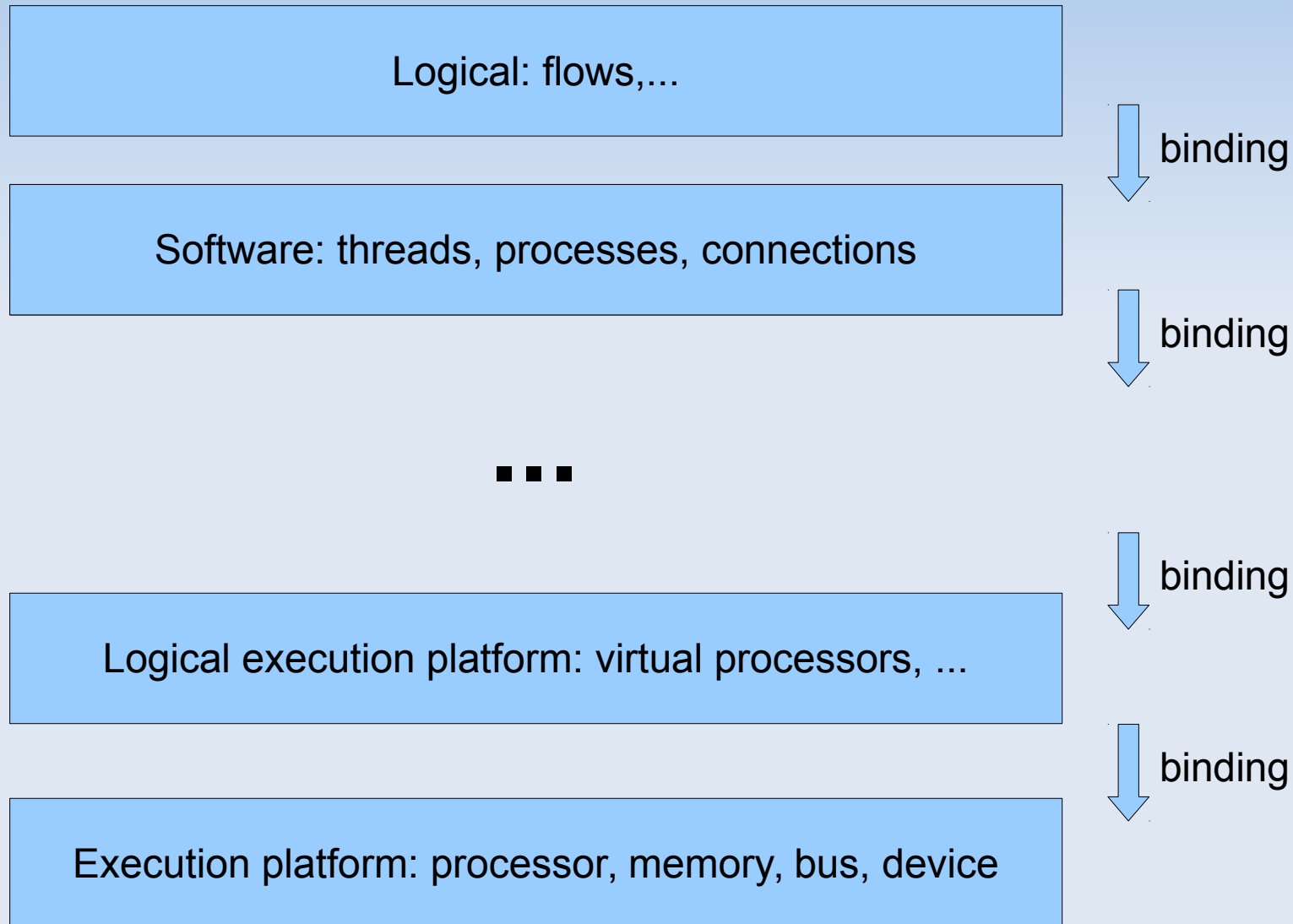
Alexey Khoroshilov

Denis Buzdalov

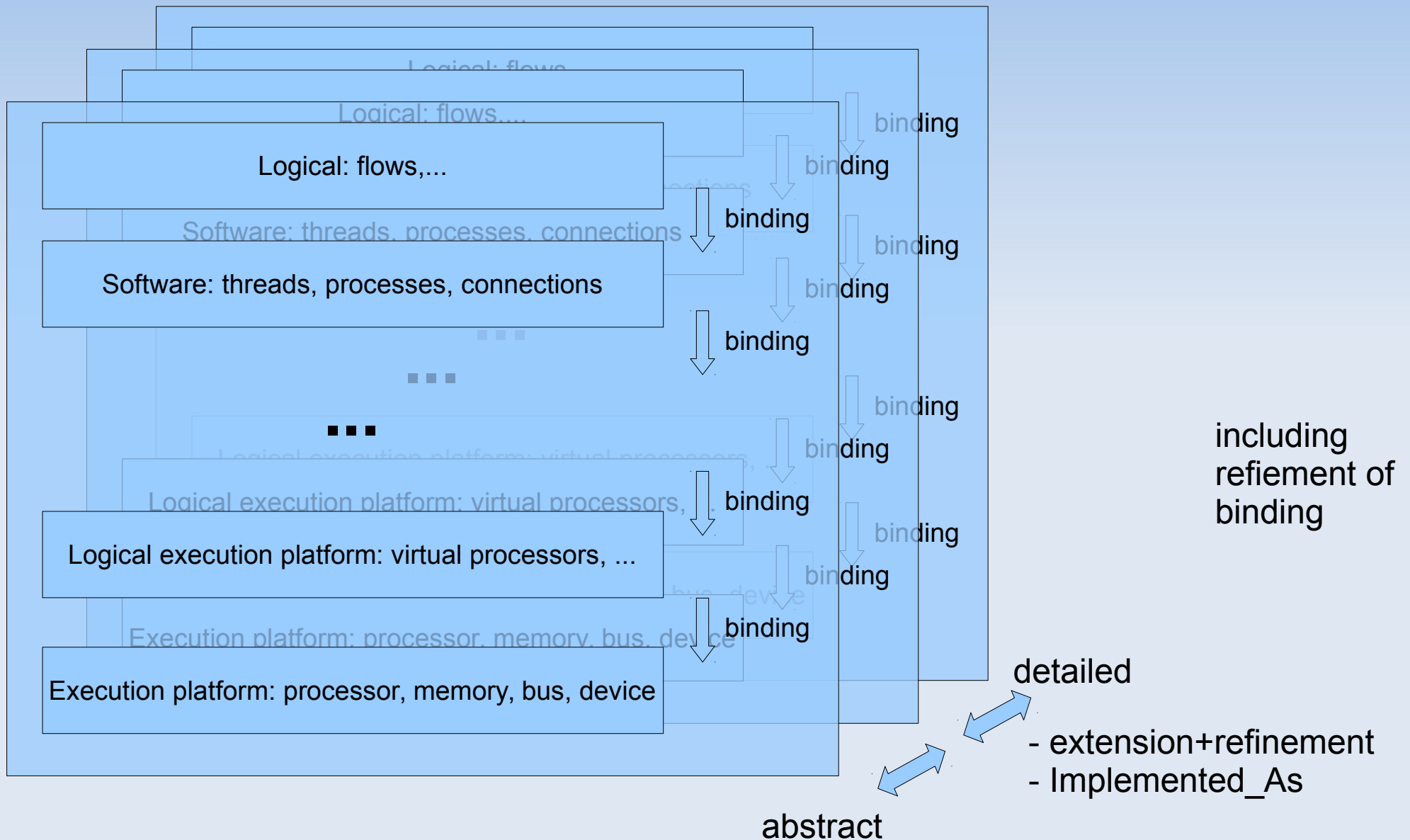


SAE AS-2C AADL Winter Meeting 2016

# Multi Level Architecture



# Levels and Layers



# Binding

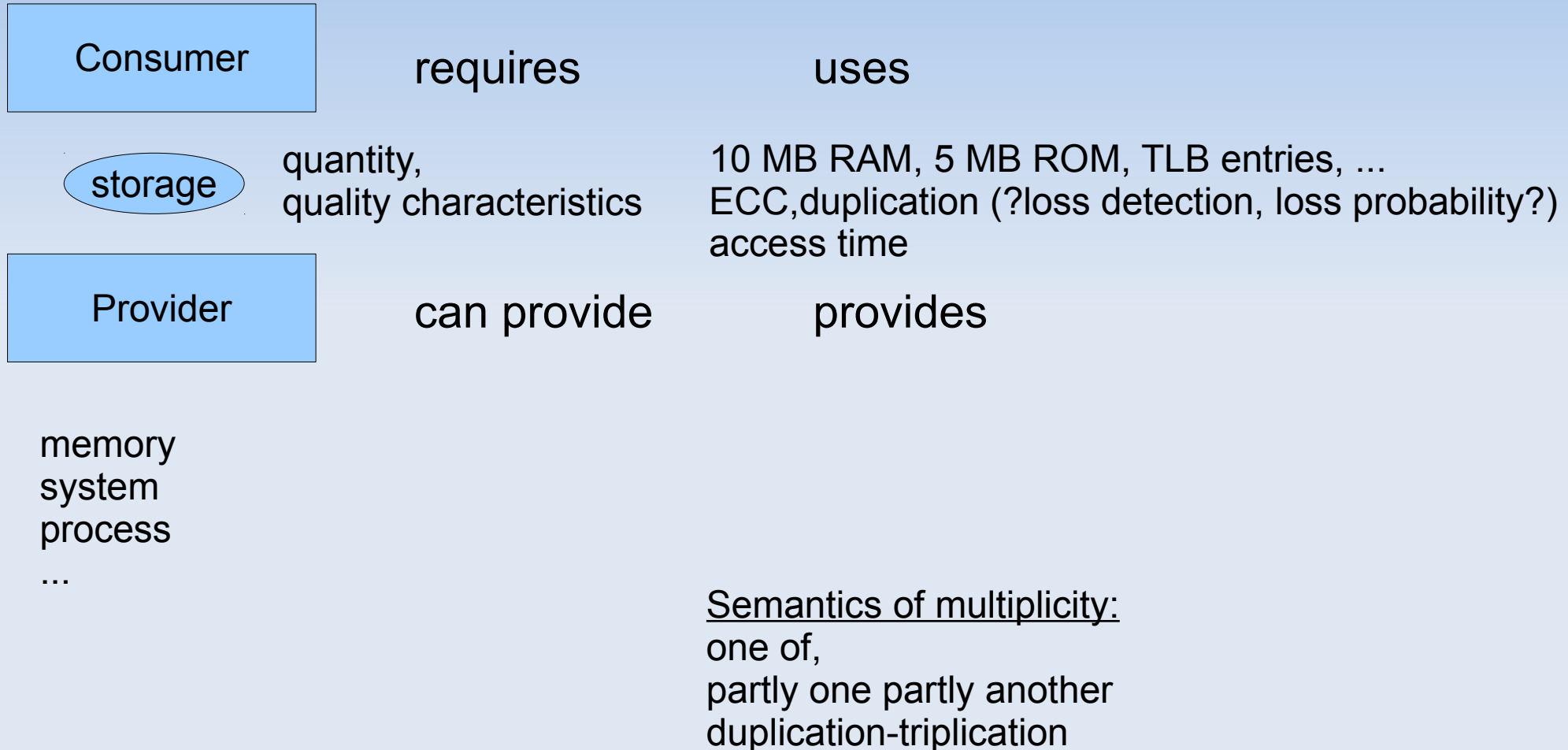


Semantics of multiplicity ???

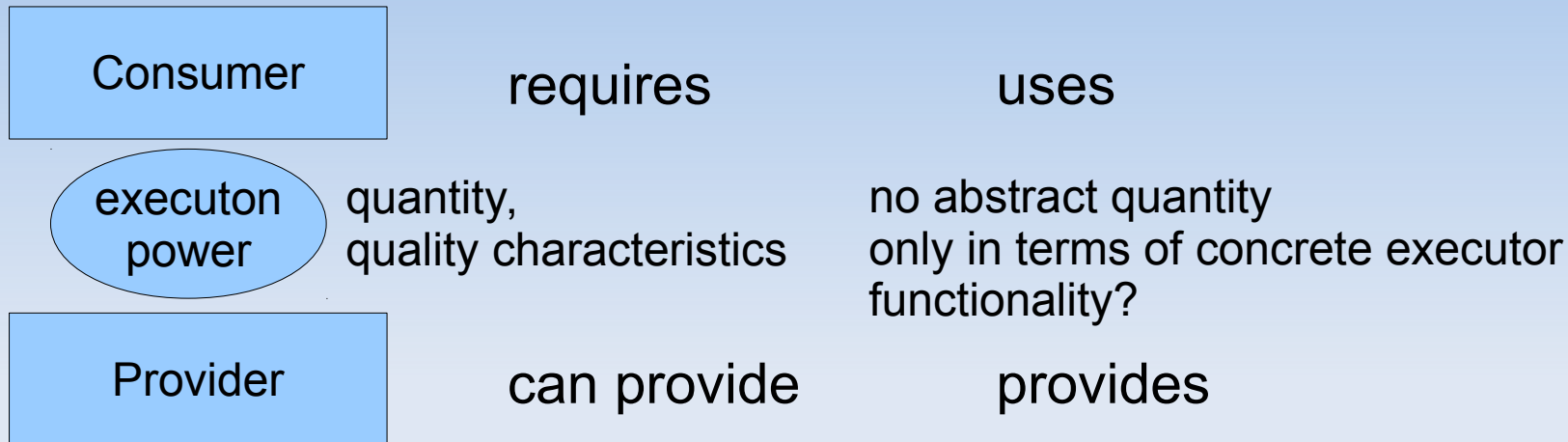
# Analysis Targets

- Resource consumption (AADL Core?)
- Reliability (EMV2?)

# Memory Binding



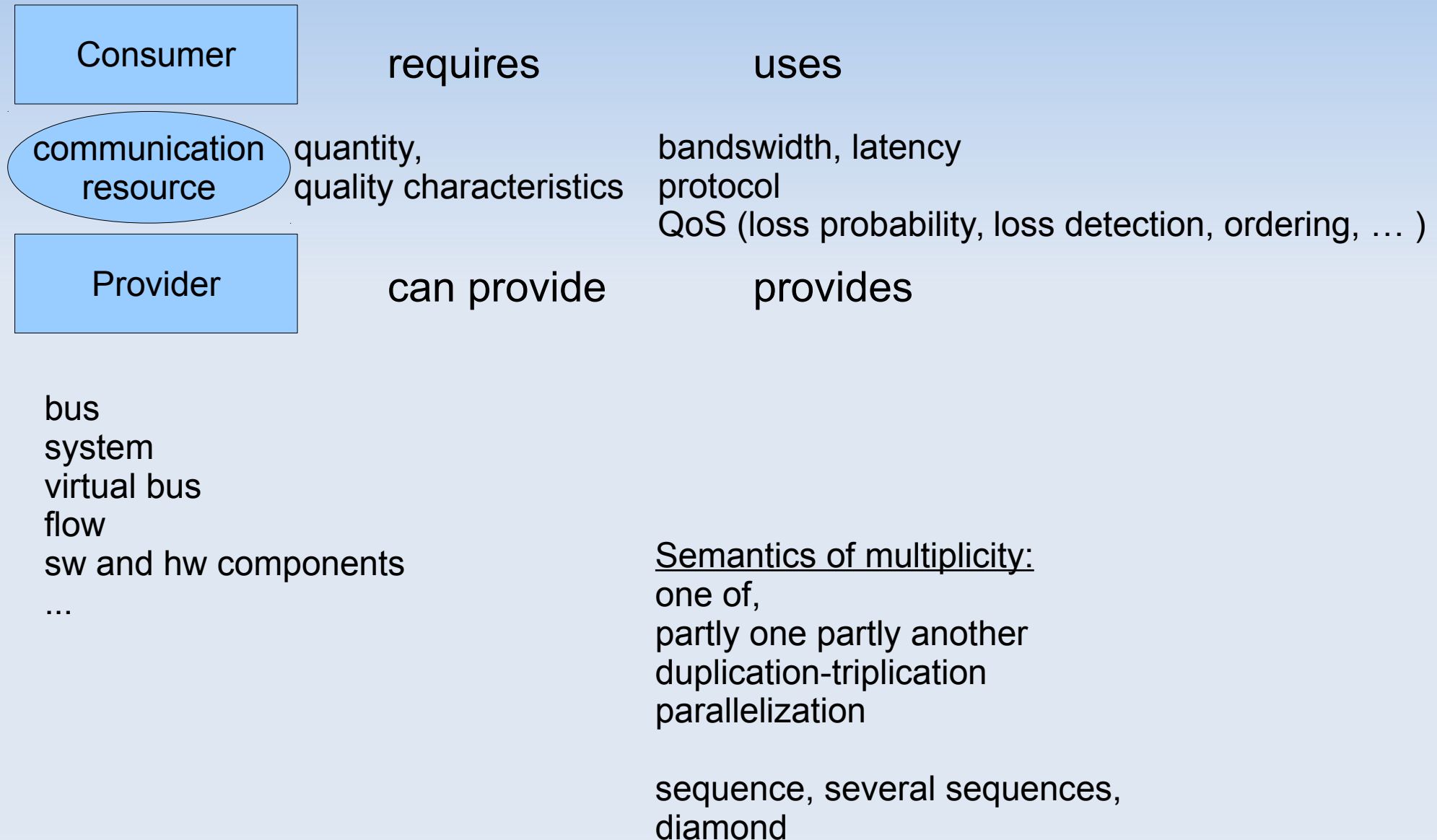
# Process Binding



processor  
system  
virtual processor  
process (vm)  
...

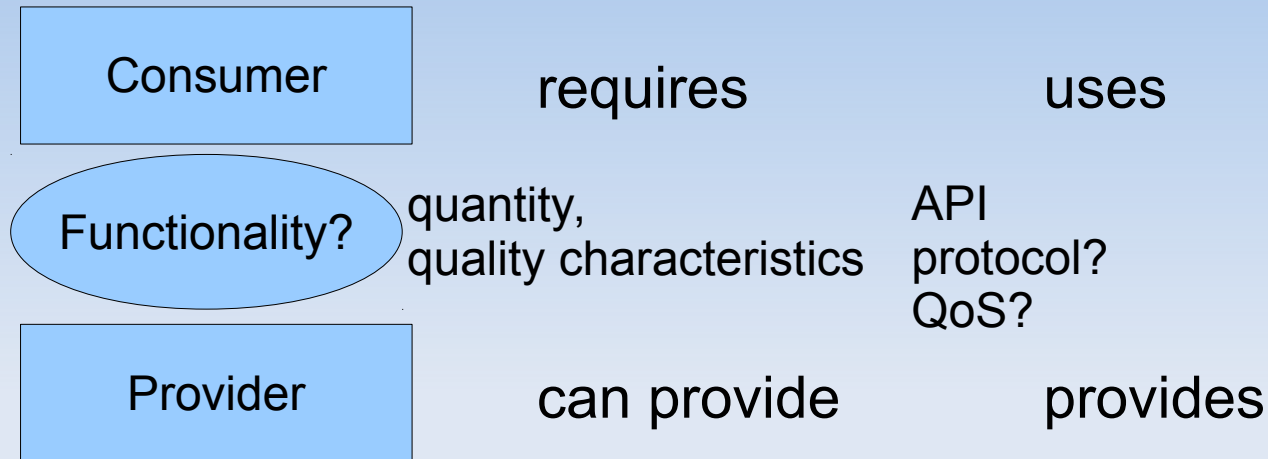
Semantics of multiplicity:  
one of,  
partly one partly another  
duplication-triplication  
parallelization

# Connection Binding





# Functional Binding



system  
process

...

Semantics of multiplicity:  
one of,  
partly one partly another  
duplication-triplication  
parallelization

# Thank you!

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