

Scheduling of Cyber-Physical System Simulation

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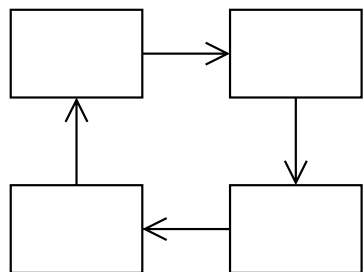


The allocation

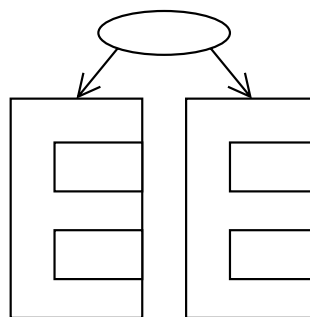
Formalization of simulation scheduling

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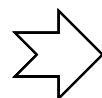
simu.sla



archi.sea

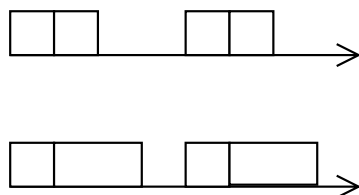


Allocation



Unverifiable requirements

scheduling



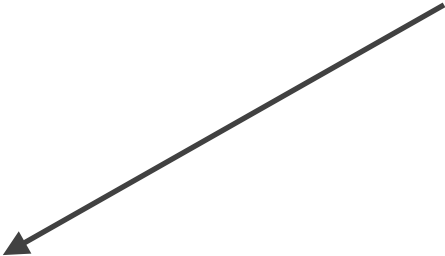
partitioning: $C \rightarrow S$

mapping :: $S \rightarrow P$

Components

A partition of the
component set

A partition of ordered
sets of components



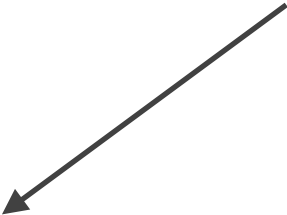


allocation: $C \rightarrow P$

allocation == partitioning • mapping









partitioning: $C \rightarrow S$

mapping :: $S \rightarrow P$

Apportion of the

comproment set

A partition of ordered

sets of components





allocation:: C \rightarrow P

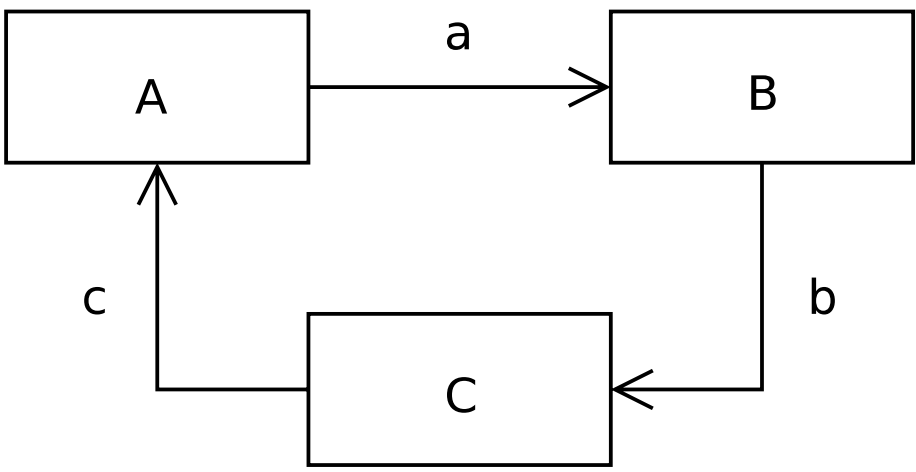
allocation == partitioning • mapping











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