
Presentation of the allocation tool

$$sla = \langle C, \Lambda, R \rangle \Rightarrow sla_{impl} = \langle C_{impl}, \Lambda_{impl}, R_{impl} \rangle$$

$$c_{impl} = \langle \text{component name}, Ports_{in}, Ports_{out}, \text{period}, \text{time budget} \rangle$$

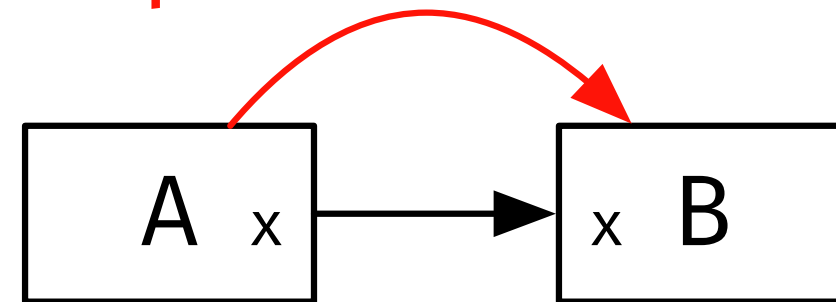
$$\lambda_{impl} = \langle \langle \text{component}_{in}, port_{in} \rangle, \langle \text{component}_{out}, port_{out} \rangle \rangle$$

$$r_{impl} = \langle \text{weight}, \text{concrete } r_{impl} \rangle$$

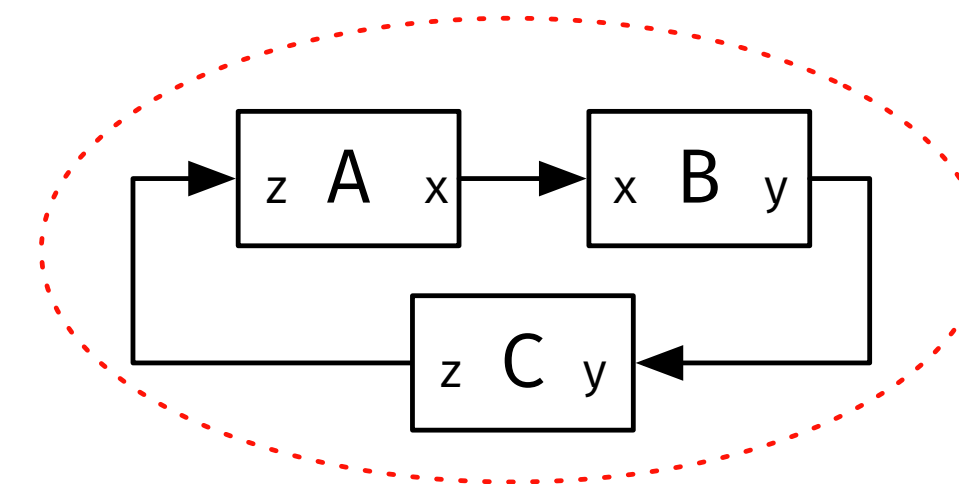
Presentation of the allocation tool

Concrete requirements

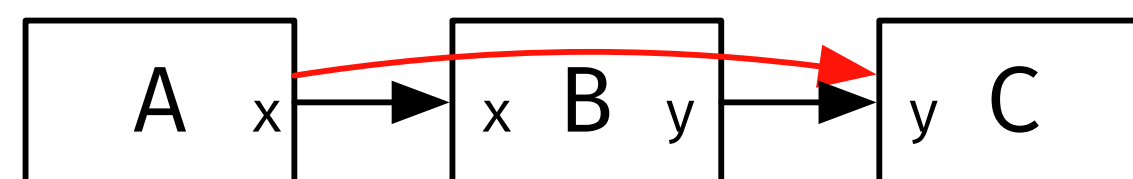
precedence



Affinity



Latency (< 1 ms)



Coincidence

