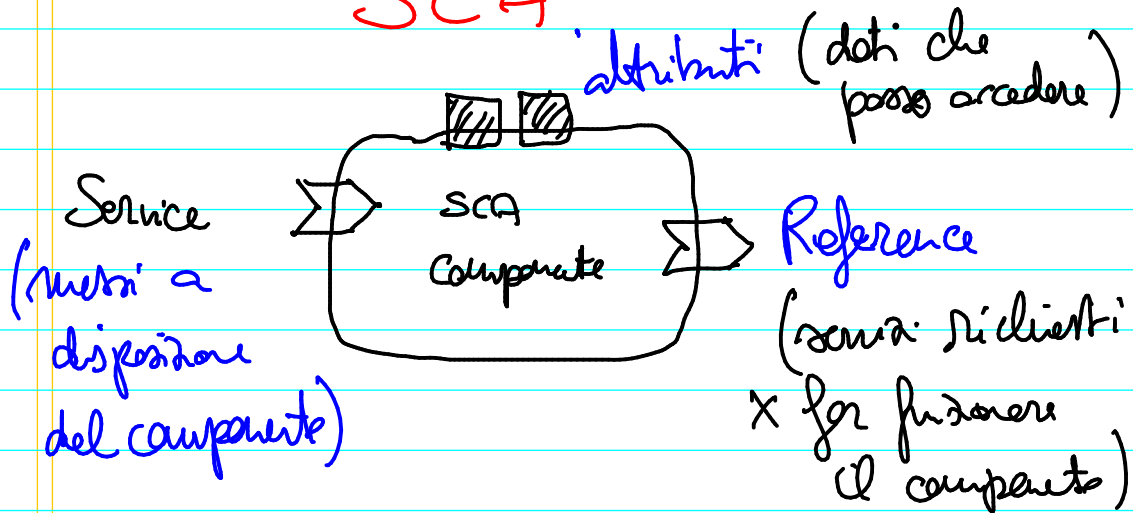
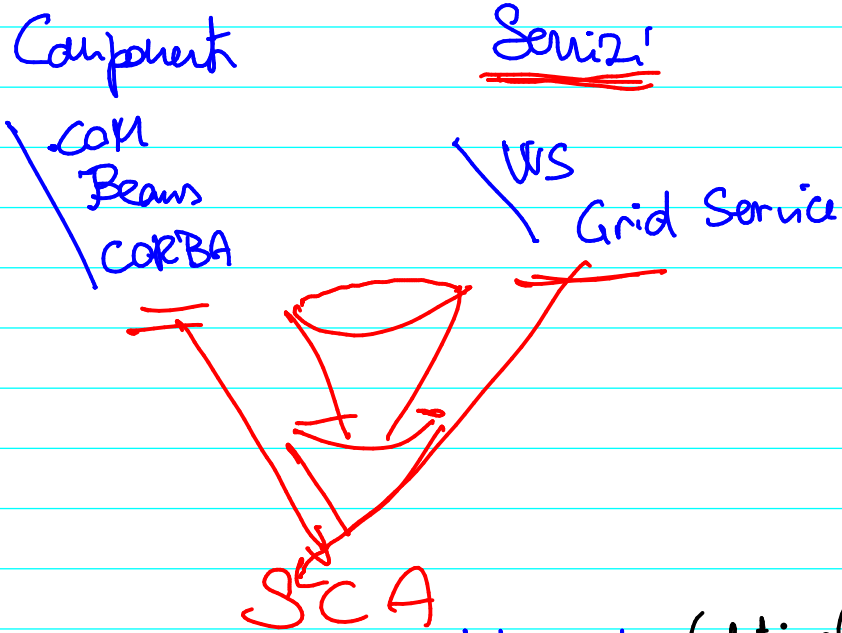


SCA Service Component Architecture



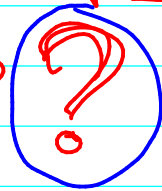
Analogie con OO

Service \Leftrightarrow interface

Attribute \Leftrightarrow variabili di istanza

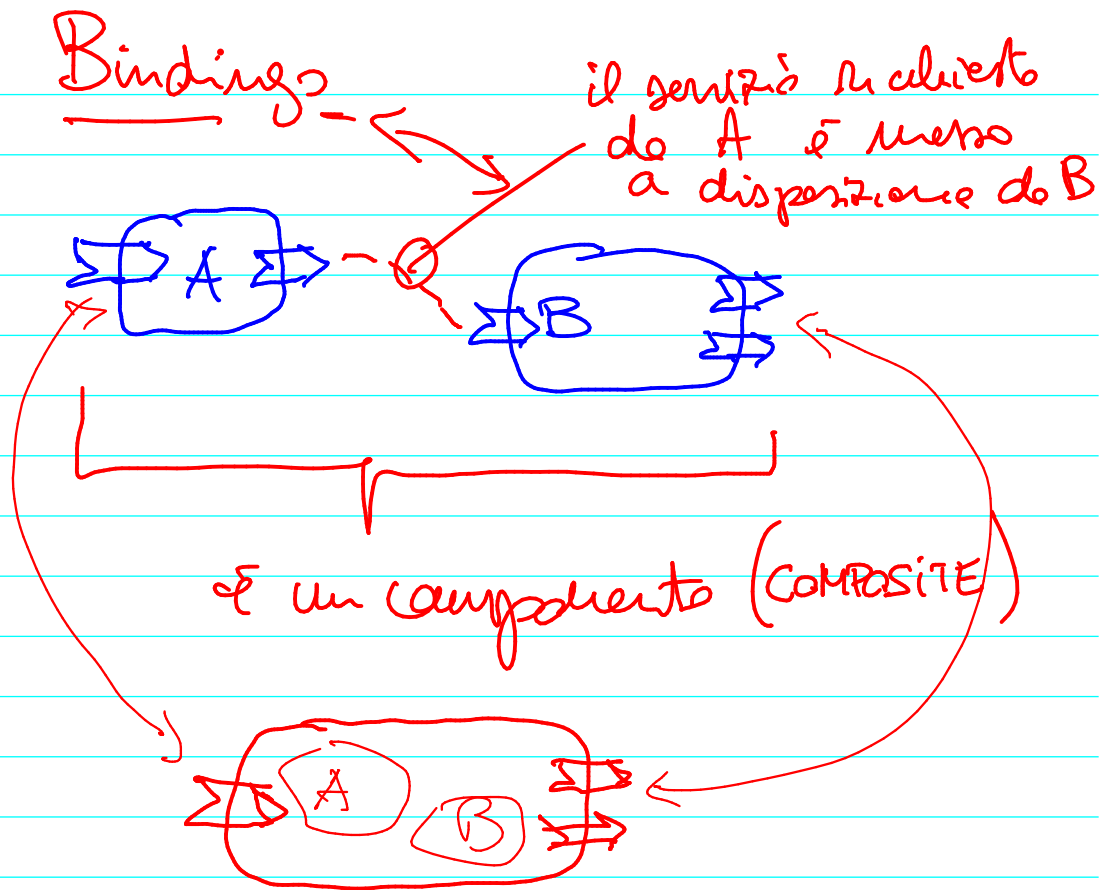
public

Reference \Leftrightarrow



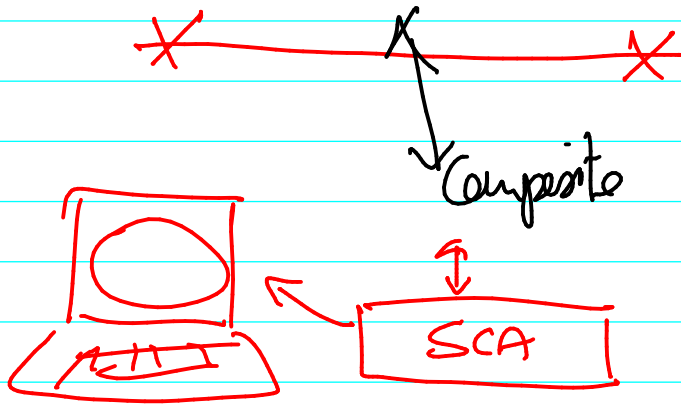
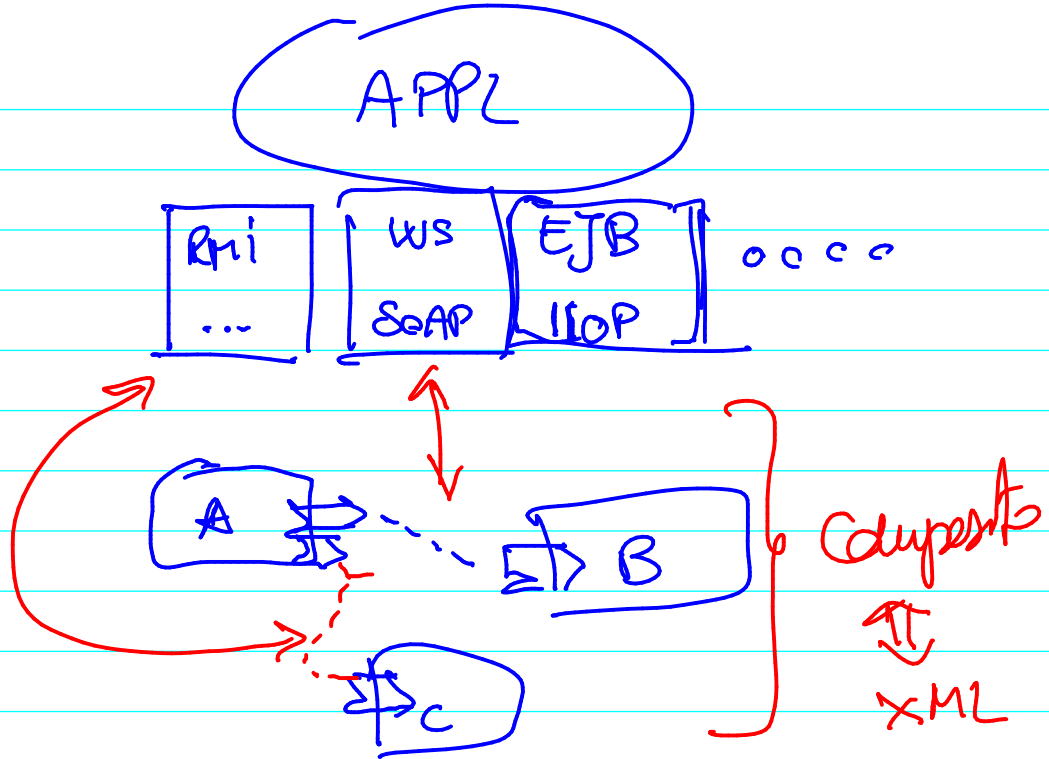
ma anche
nei servizi vs.
componenti

Binding

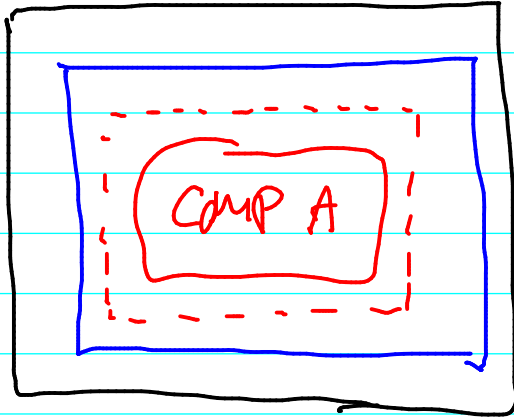


Binding \Rightarrow si possono implementare con diverse tecnologie:

- 1) WS
- 2) Java
- 3) JMS



SCA DOMAIN

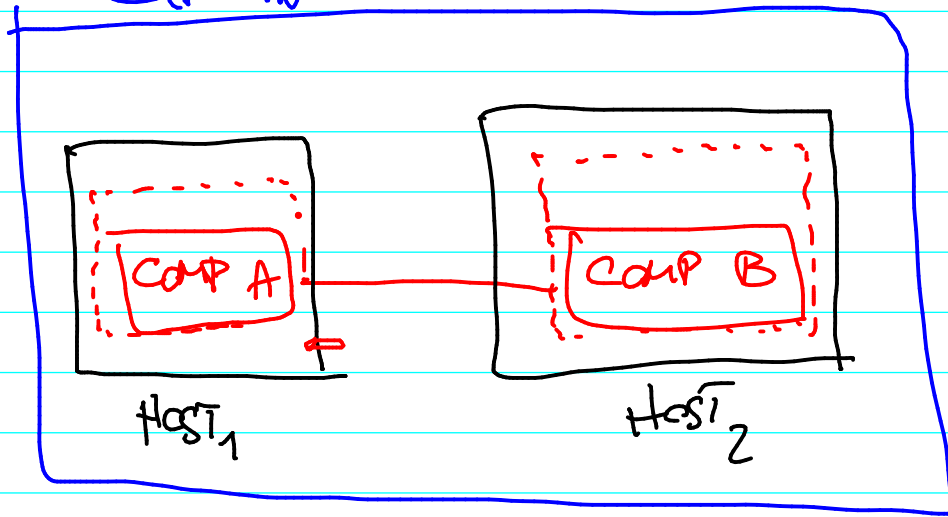


.... 'PROCESS'

— Domain

— Machine

Domain



Implementazione

Host₁

Host₂

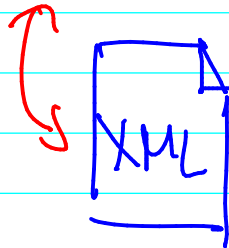
NODE ← RTS → NODE
SCA

a programma

dichiaro un dominio

che include i 2 NODE

e conico COMPOSITE



CONTRIBUTION

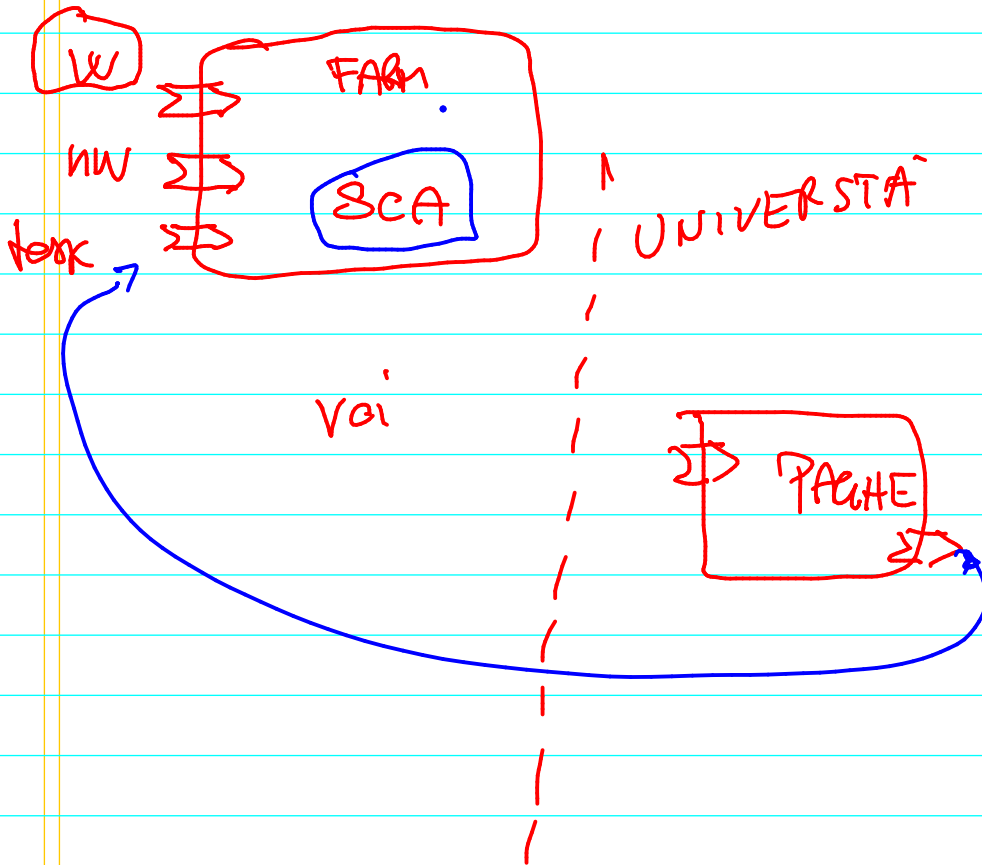
components SCA

- single
- composite

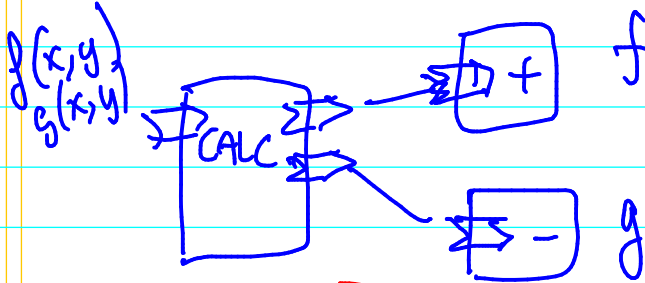
2017-2018

TERM-2018-18

Logica "business" di SCA \$\$\$



SCA / Calcolatore



1) come sono fatti

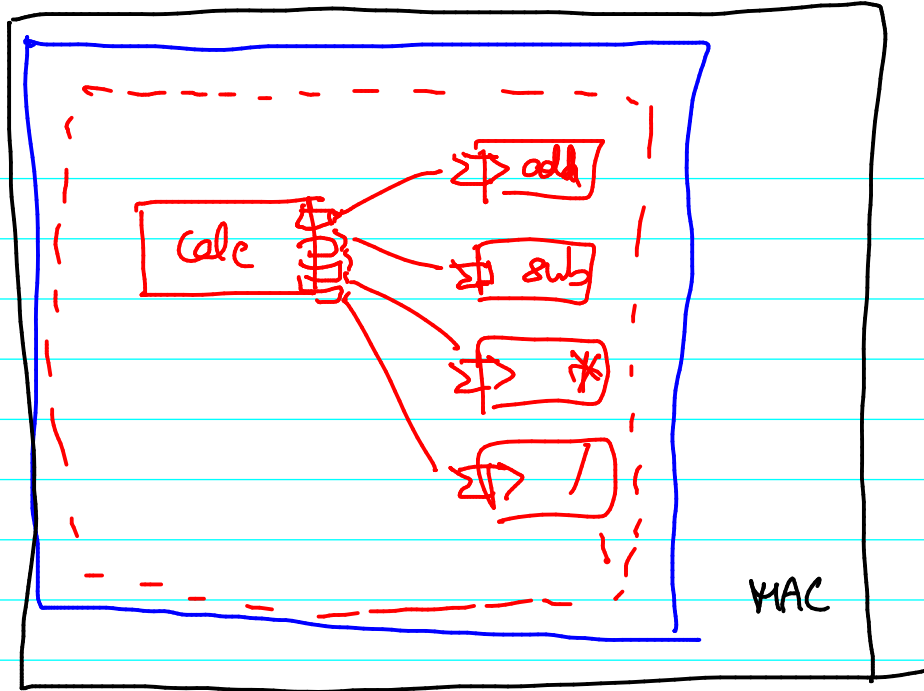
2) come è fatta l'assembly (COMPOSITE XML)

3) come si fa a farlo girare

→ in locale

→ distribuito

10



Samples / Calculator

Samples/calculator - distributed

