

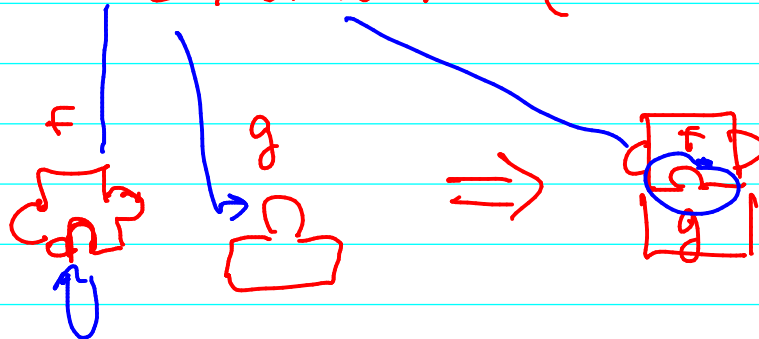
1

COMPONENTI SW

→ RIUSABILITA'

→ MODULARITA'

↳ COMPOSIZIONALE (SEMANTICA)



Booch '87

logically cohesive, loosely coupled, module that denotes
a single abstraction

Czarnecki & Eisencker 2000

building blocks from which different sw systems can be
composed ... plug-in compatible in as many ways as possible

→ unit of independent deployment
 unit of third party composition ←
 no (externally) observable state

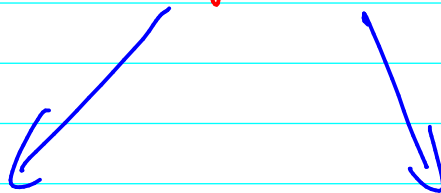
↑ (discusse)
 (di molto)

Wikipedia (vedi on line)

* multiple - use
 non context specific
 composable with other components
 encapsulated (non investigable through interfaces)
unit of independent deployment and versioning

CCP:

← punto fondamentale



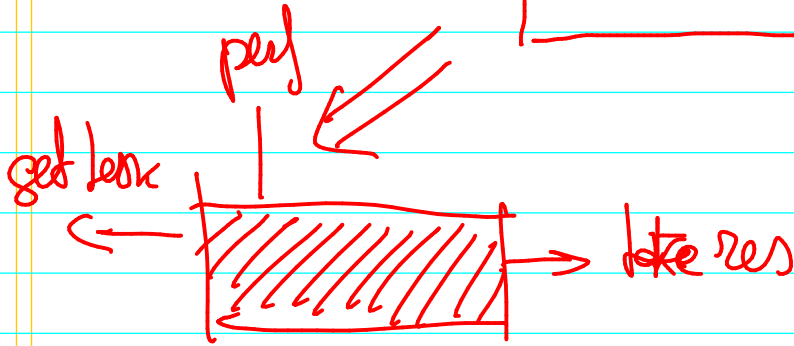
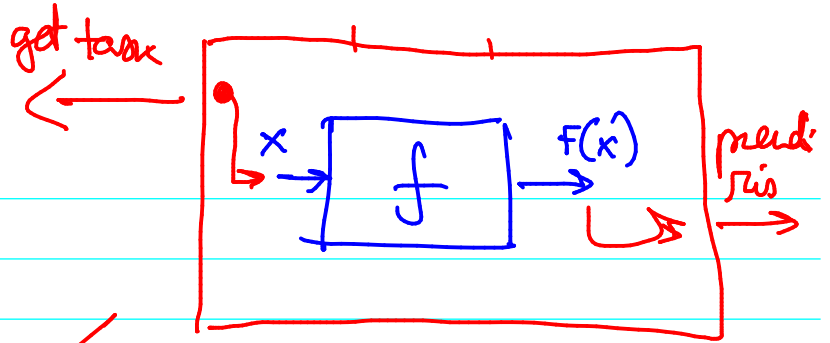
strutturare comp parallele
 w(creare un'istanza di un
 worker in un farm)

Wrappare componenti
 dell utente

diminui performance
 |

to

3



framework e Esempi di Componenti

Java Beans

→ "componenti grafici"

def →

POJO Plain Old Java Obj

serializzabile
costruttore ~~void~~

proprietà accessibile | get X
| set X

COM Component Object Model
Microsoft 1993

↳ .NET componenti ⇒
servizi

GCM Grid Component Model

Core GRID 2004-2008

Fractal (aw2)

Controller

vedi web

membrane
è il controllo

