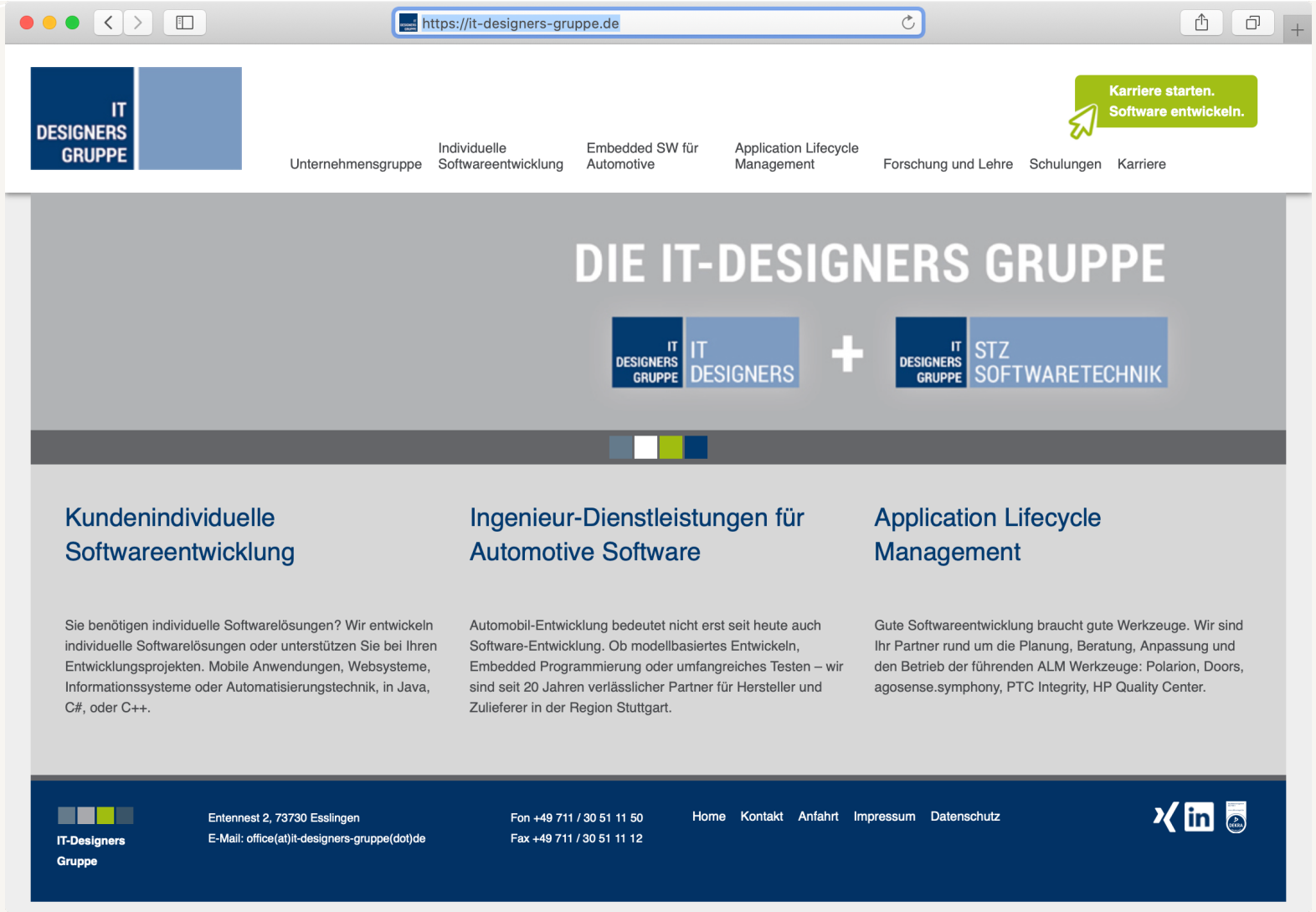
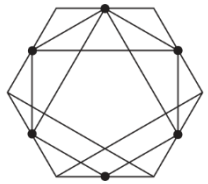
IT DESIGNER GRUPPE

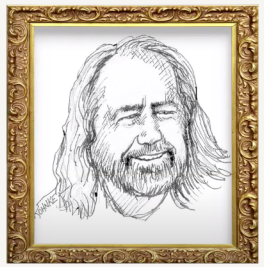
HTTPS://IT-DESIGNERS-GRUPPE.DE



SINGLE RESPONSIBILITY



Clean Code



Gary Booch

- Simple & Direct
- Reads as well-written prose

Bjarne Stroustrup

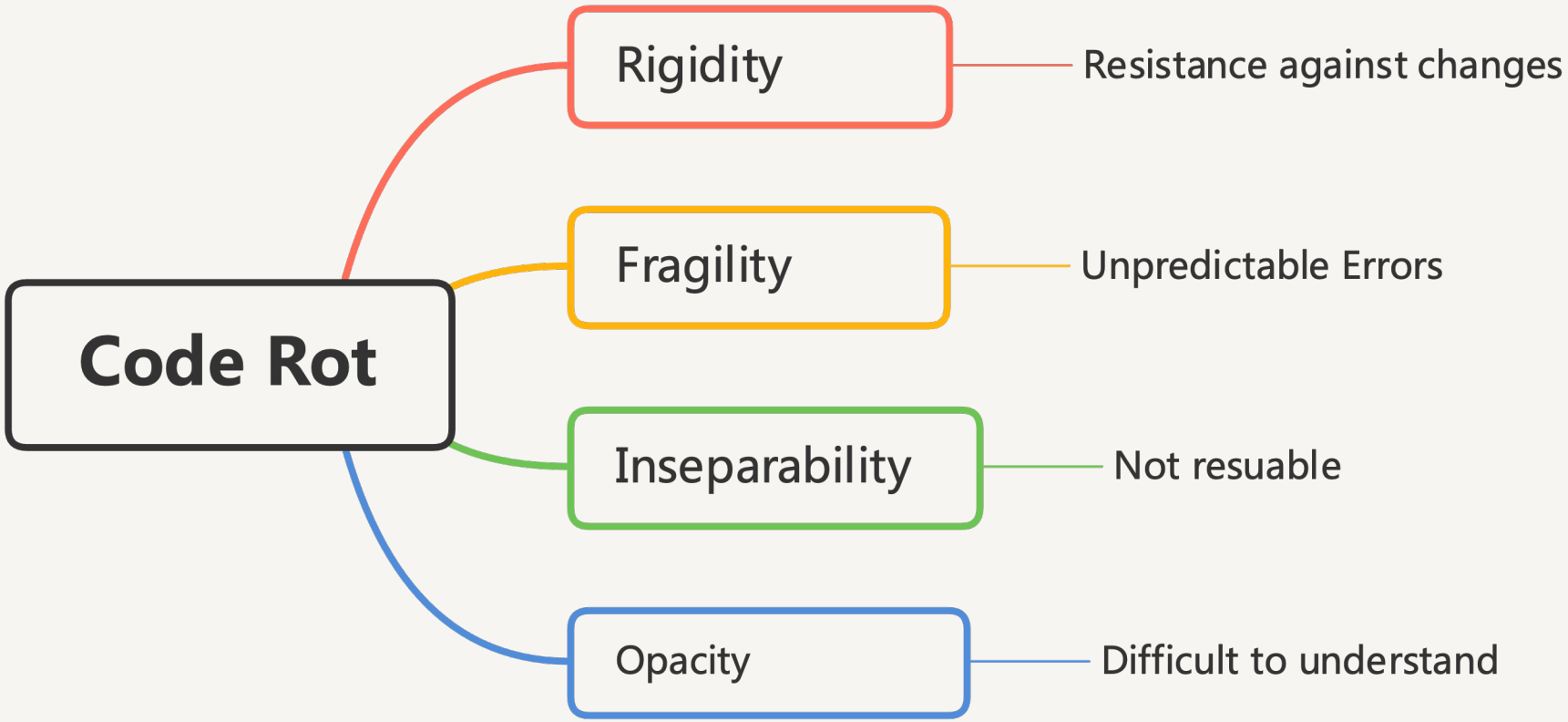
- Elegant & Efficient.
- Should do one thing

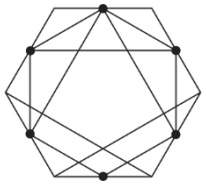
Ward Cunnigham

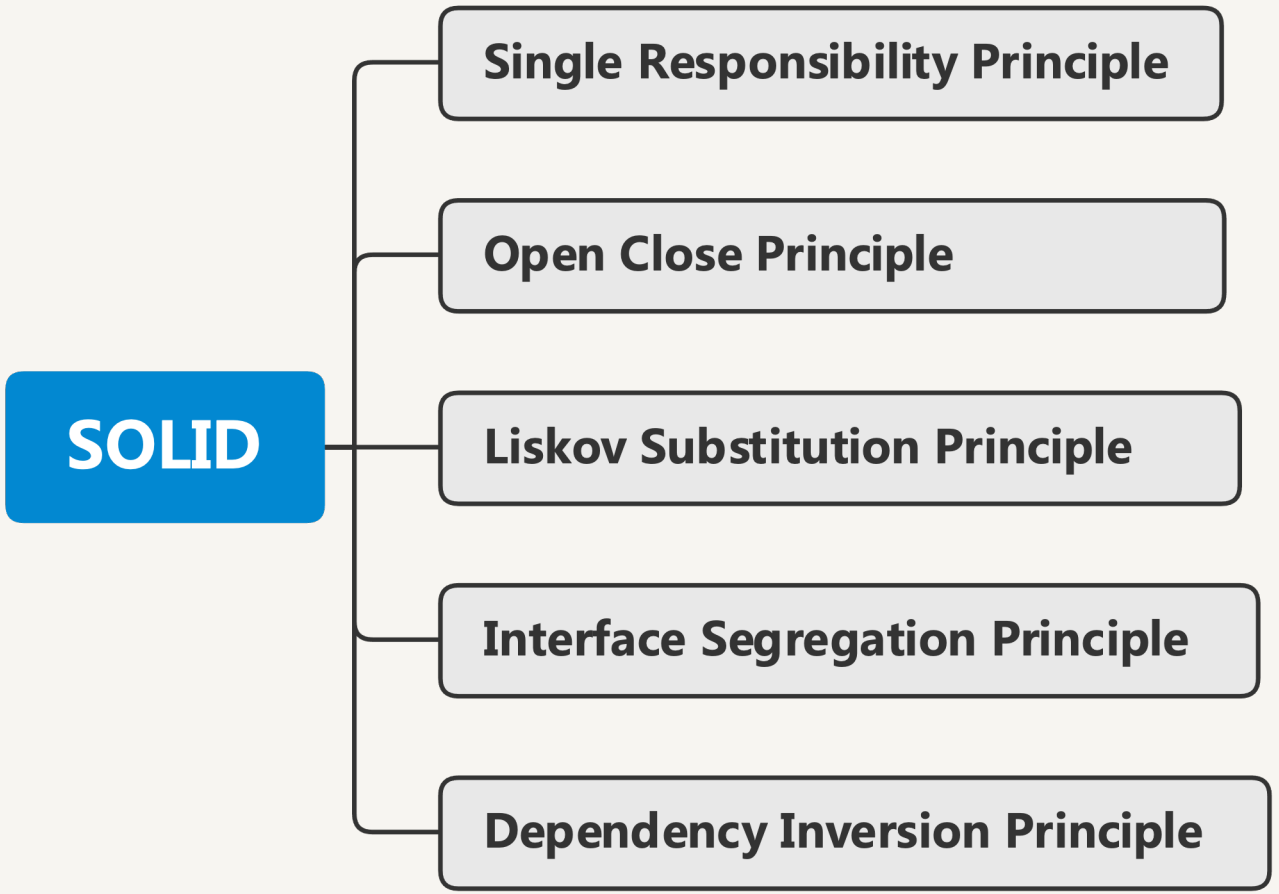
- Every Routine is pretty much what you expected

Michael Feathers

- Written by someone who cares







SINGLE RESPONSIBILITY PRINCIPLE

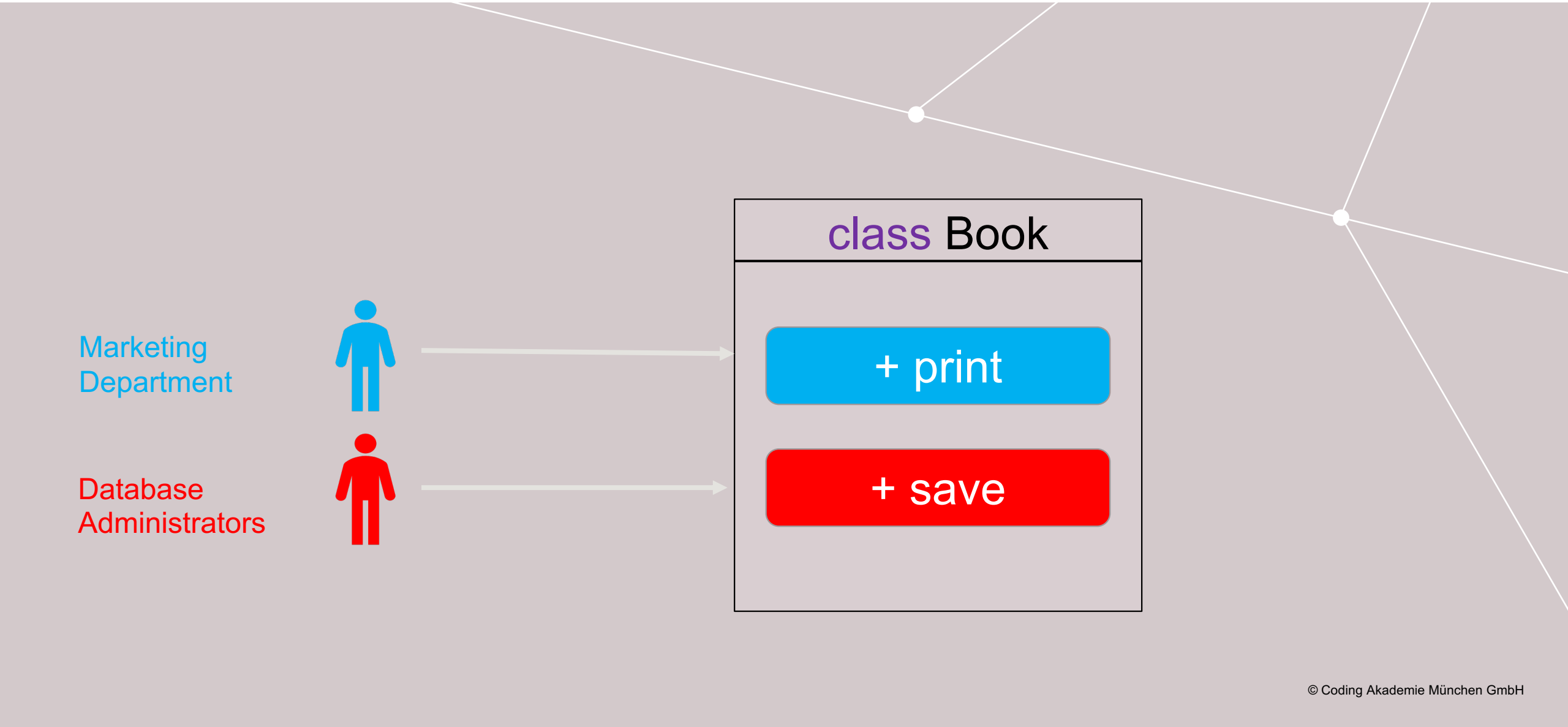
- For each class
- There should only be
- a single reason to change

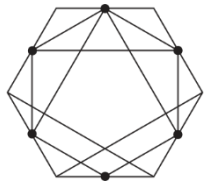
SINGLE RESPONSIBILITY PRINCIPLE

- The name is not quite correct!
- SRP does not state that each class
- may only have a single responsibility!

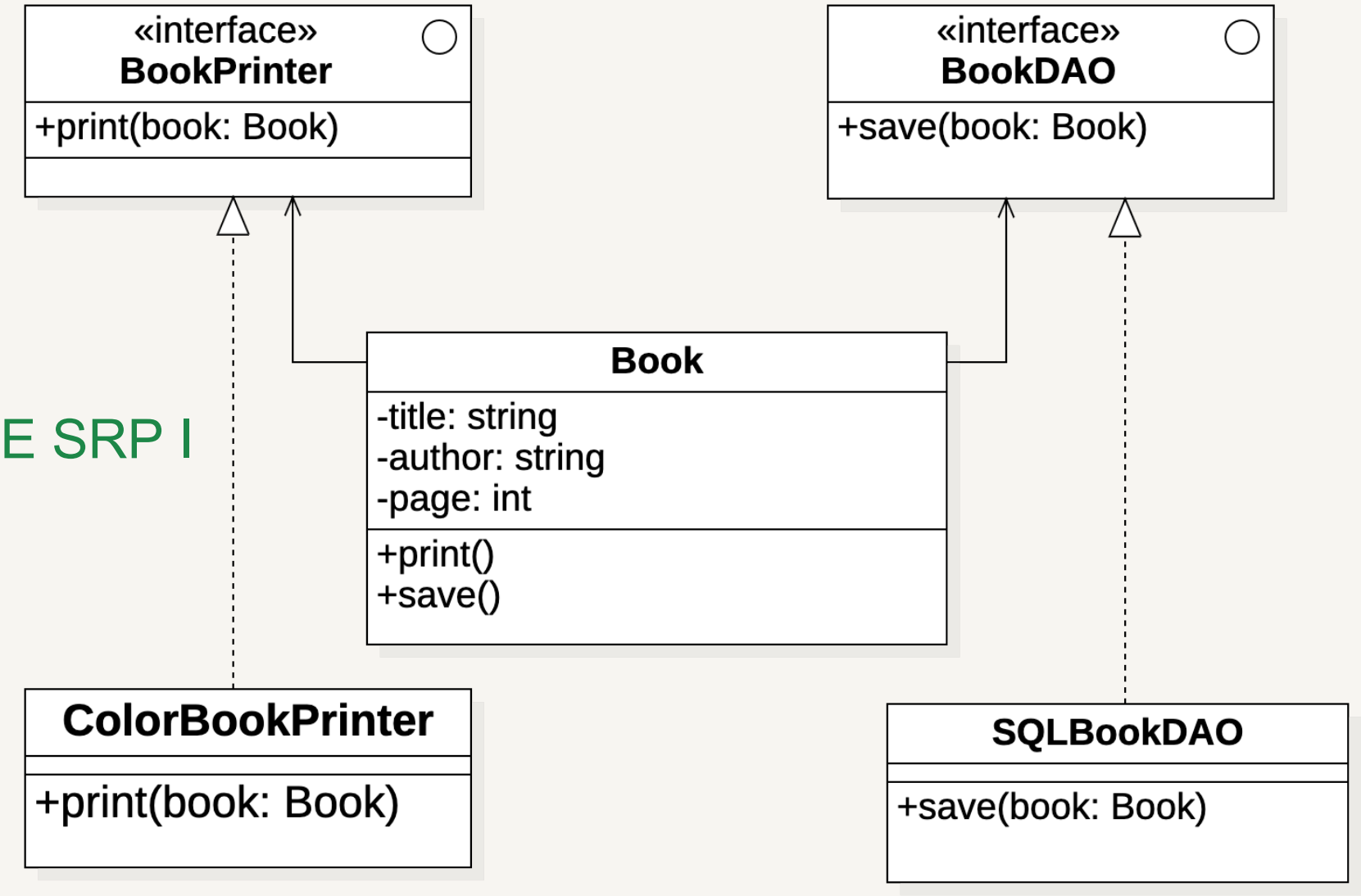
SINGLE RESPONSIBILITY VIOLATION

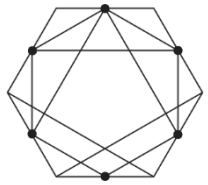
Book
-title: string -author: string -page: int
+print(): void +save(): void



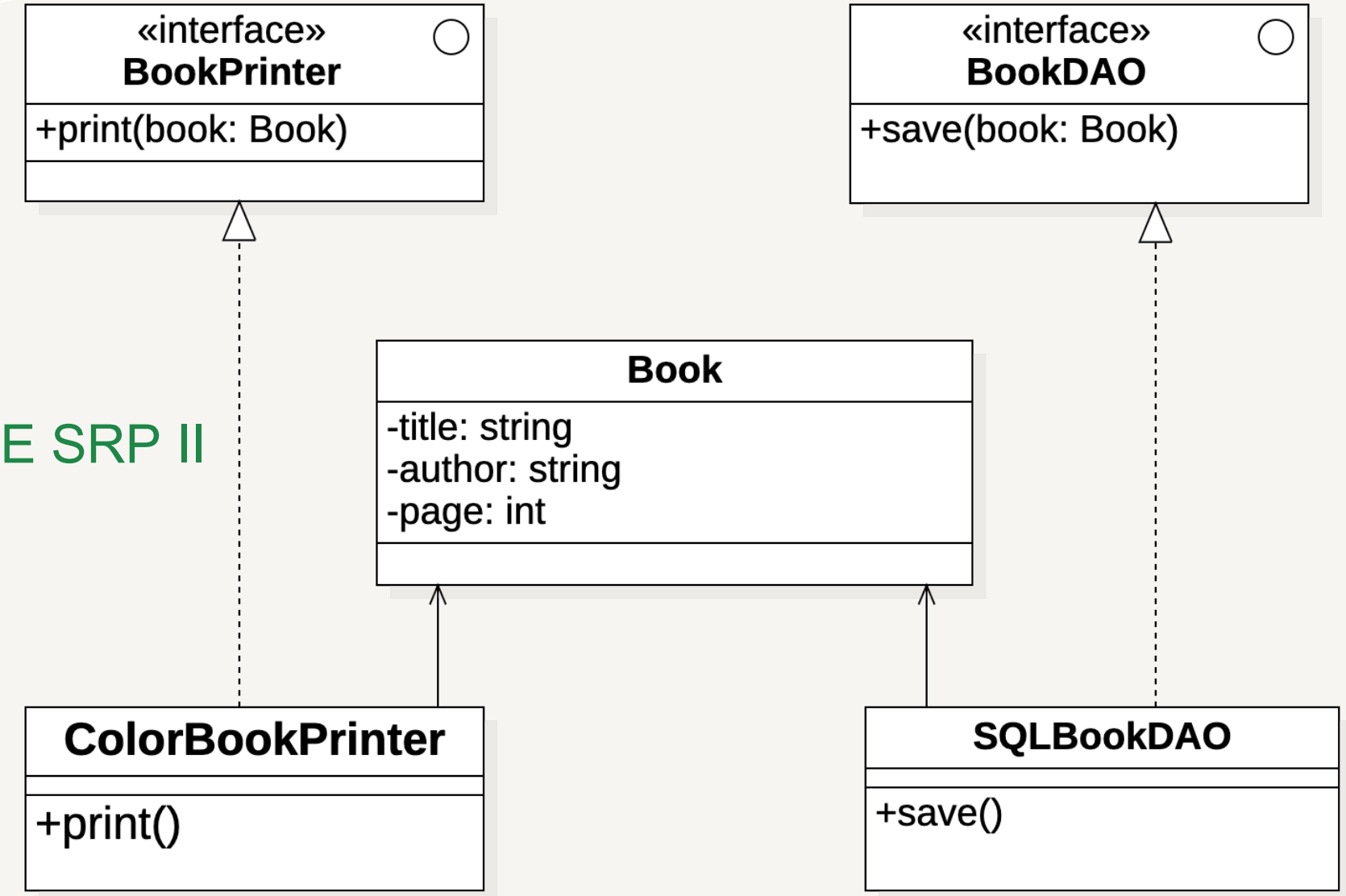


RESOLVE SRP I

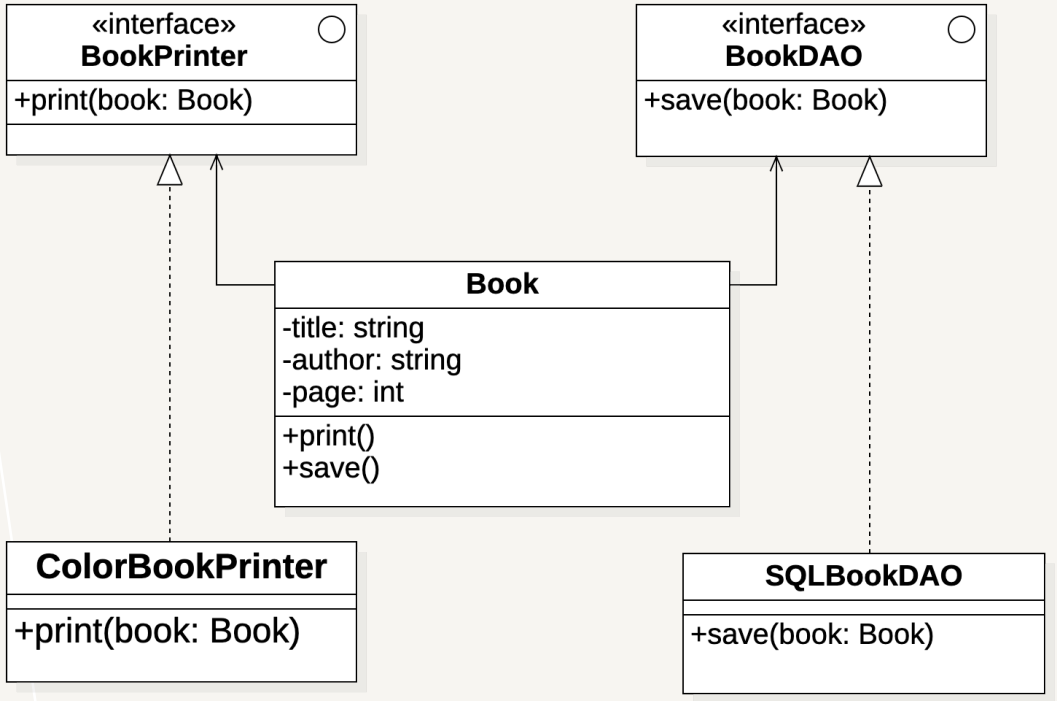


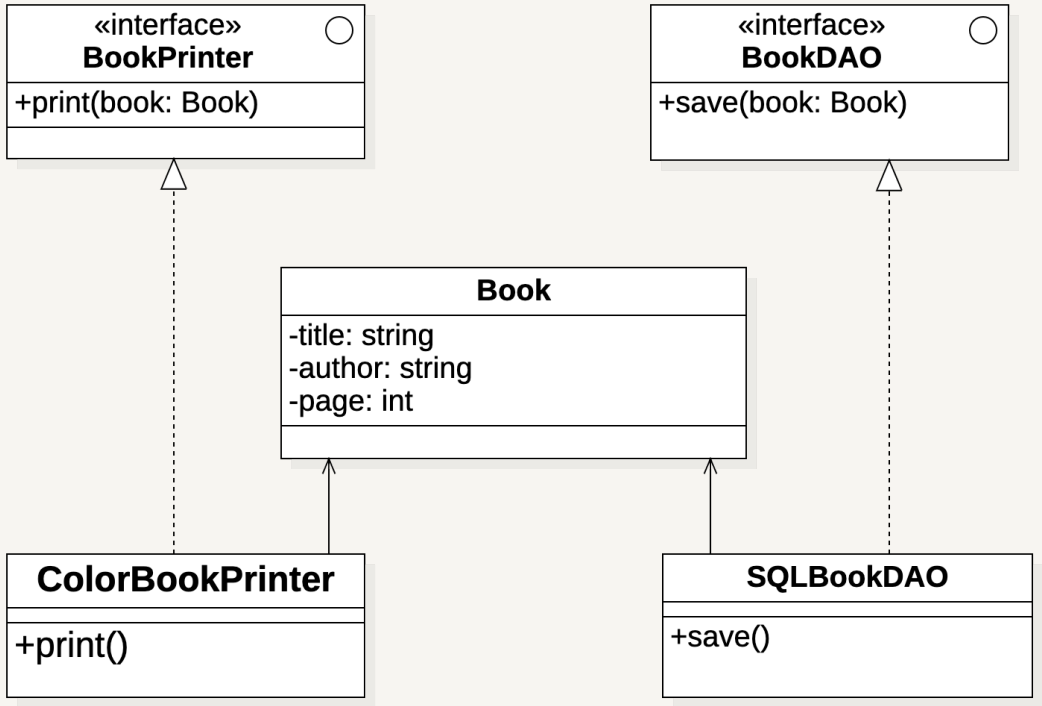


RESOLVE SRP II



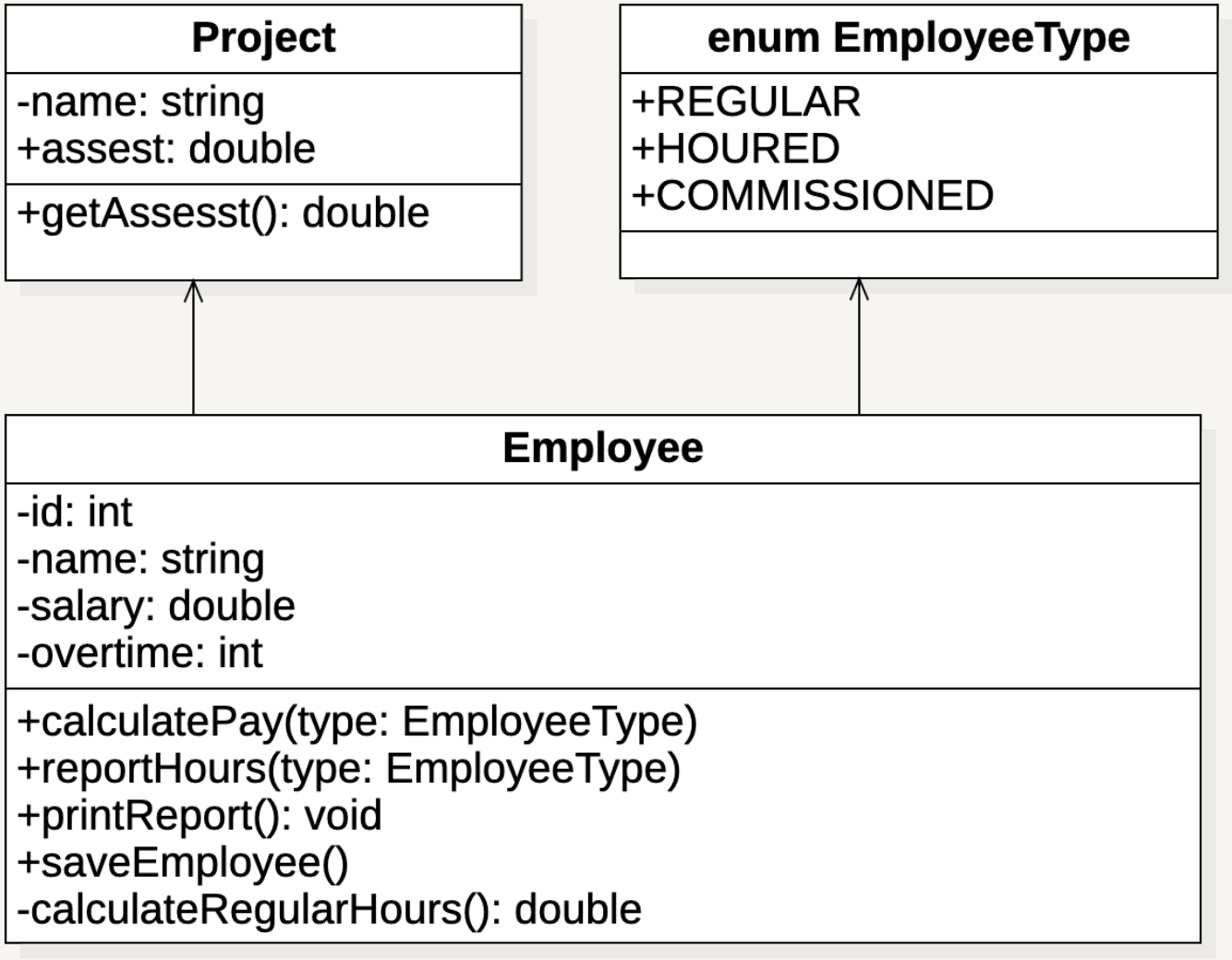
RESOLVE THE SRP VIOLATION I VS. II



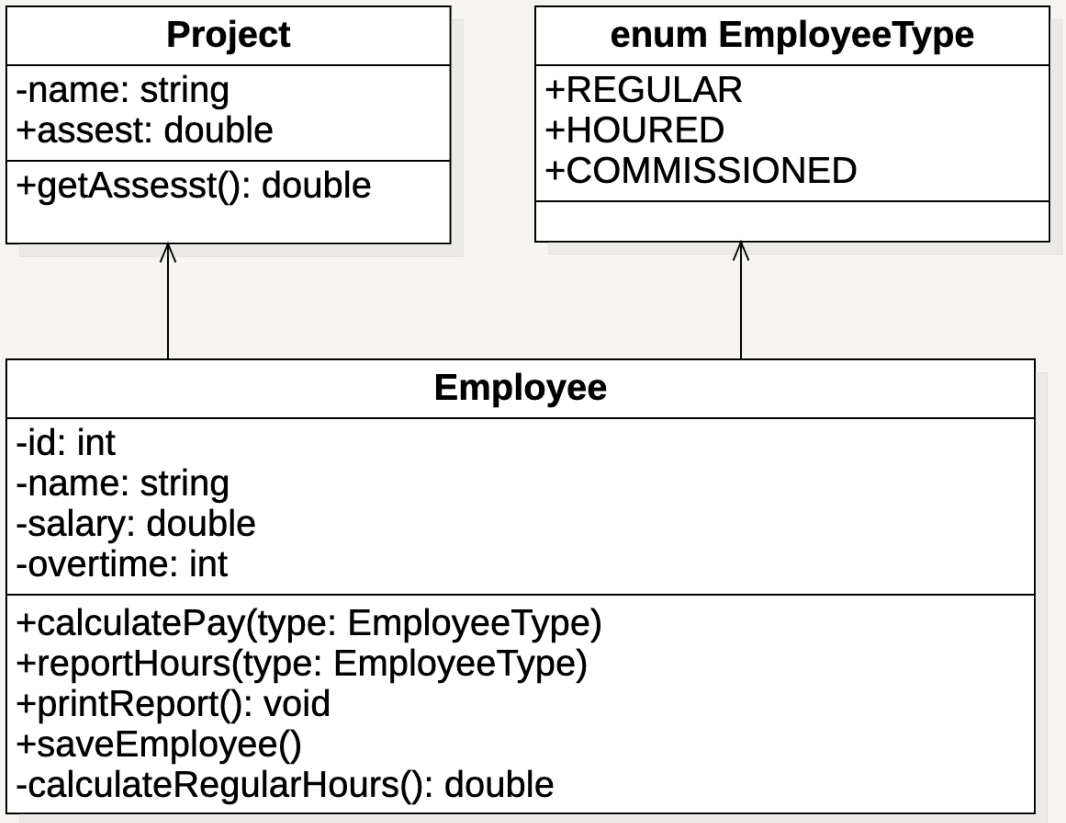


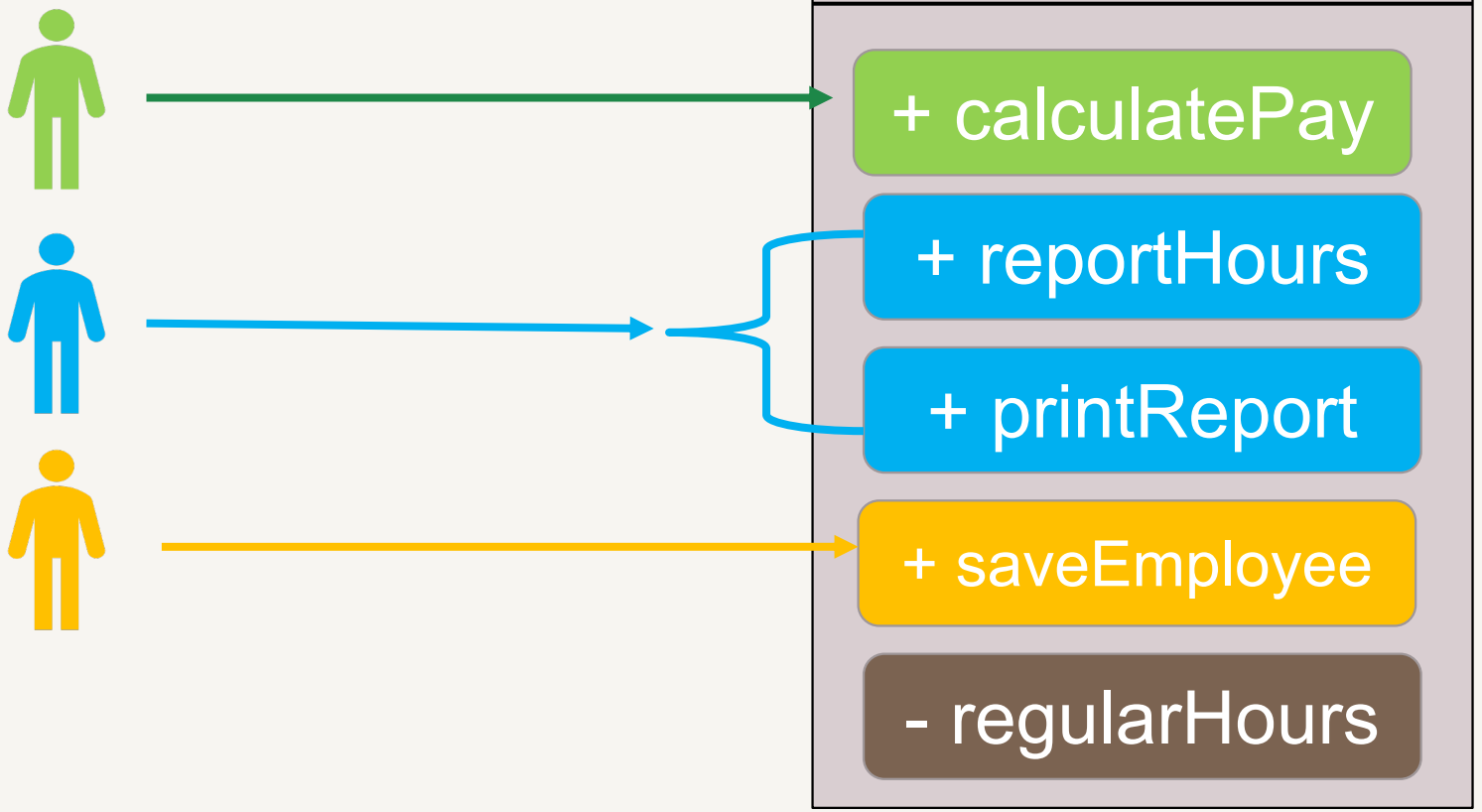
SRP => MONSTER KLASSEN VERMEIDEN!

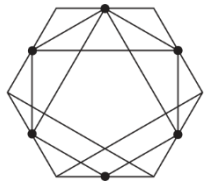
- No classes anymore
- Which know too much!
- Like the Swiss Knife!

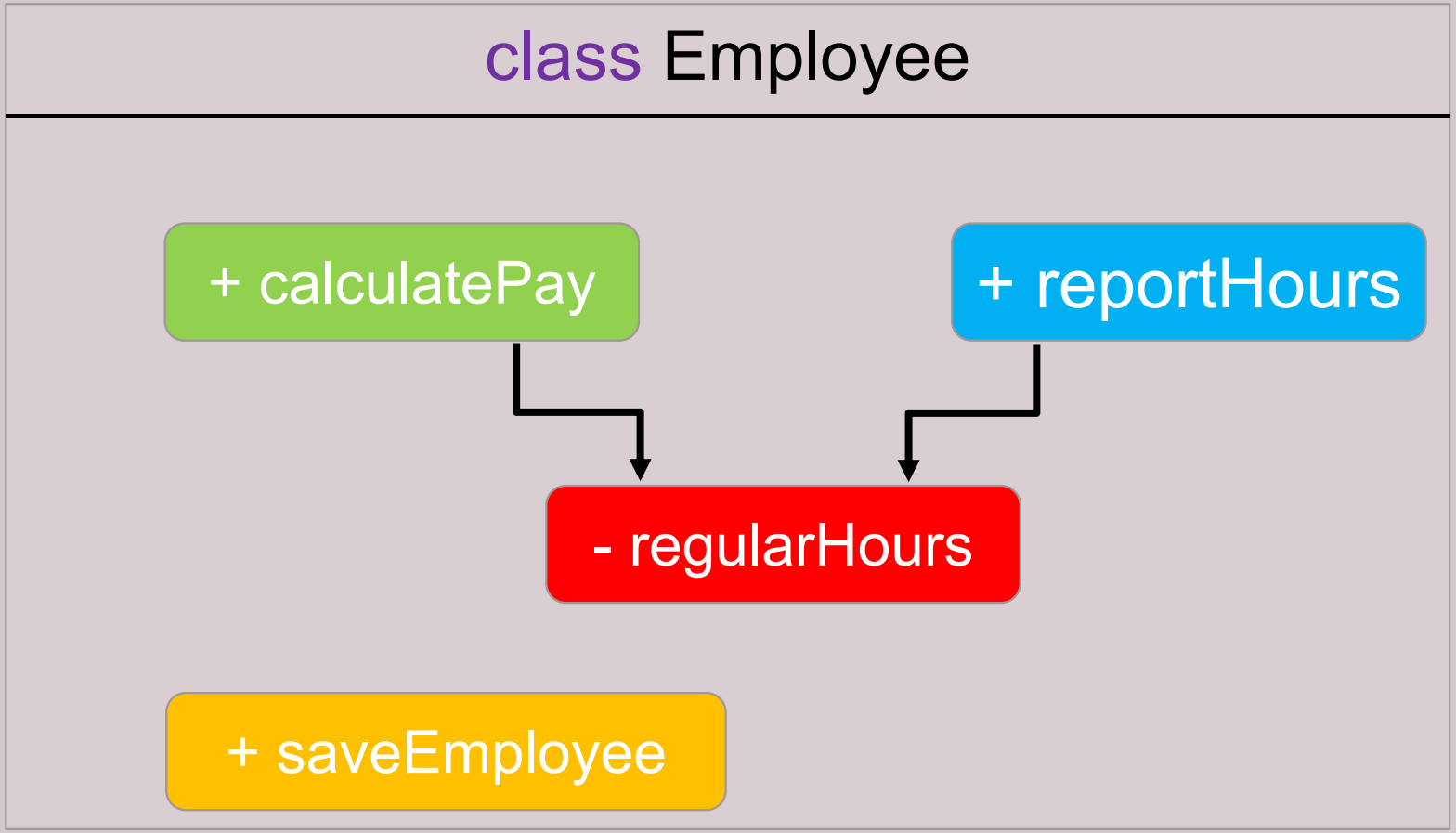


WHAT IS WRONG?



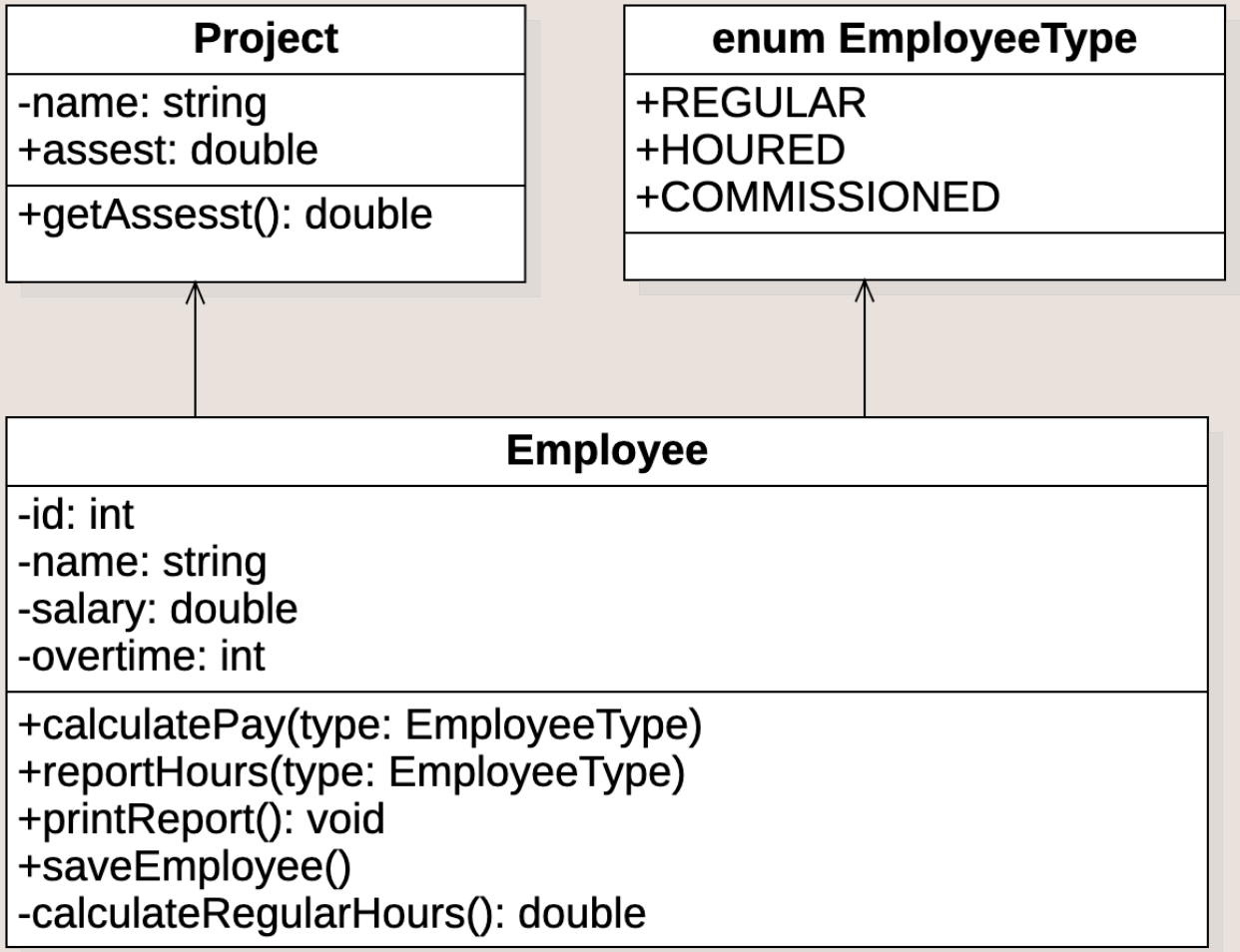






SINGLE RESPONSIBILITY PRINCIPLE WORKSHOP

- Master the Workshop!



SRPBESTEHENDES DESIGN

- Design breaks SRP !
- Re-Design it to pass SRP
- Implements the new Design ?

DISCOUSIONÖSUNGEN UND DISKUSSIONEN

VIELEN DANK FÜR IHRE AUFMERKSAMKEIT.