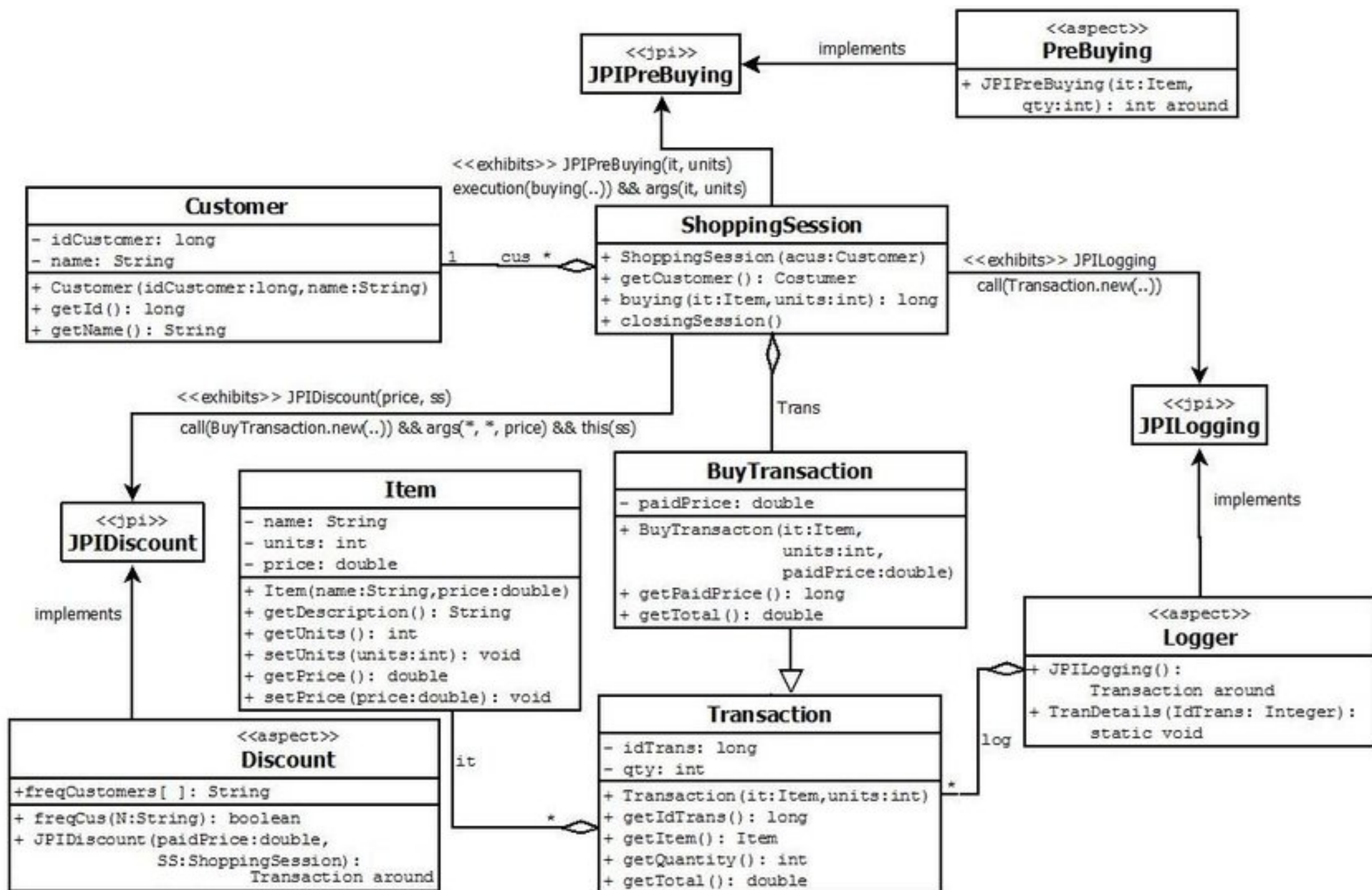


HORVATH DONAT

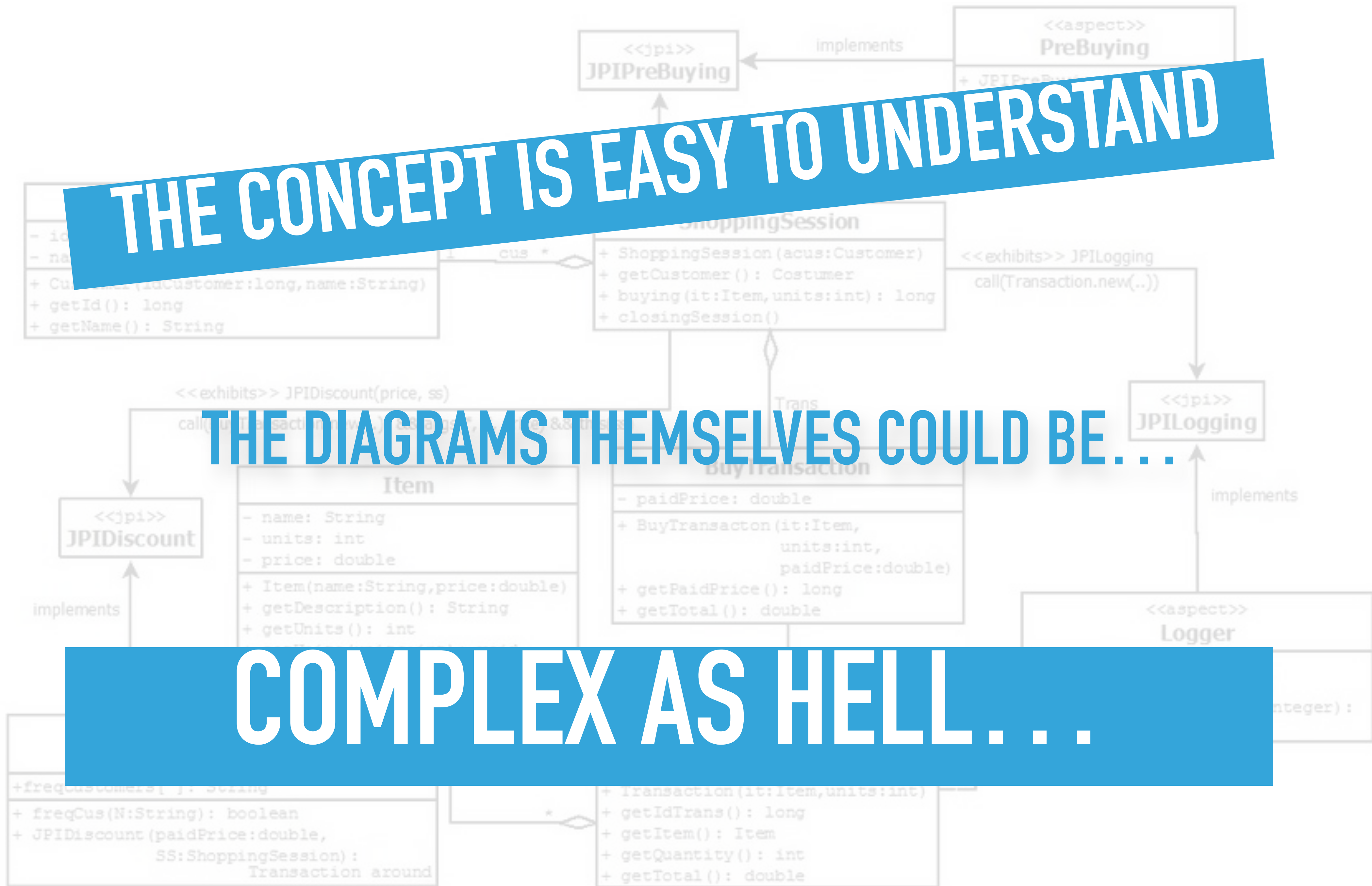
UML CLASS DIAGRAMS



THE CONCEPT IS EASY TO UNDERSTAND

THE DIAGRAMS THEMSELVES COULD BE....

COMPLEX AS HELL....



WHAT THE F* IS UML?**

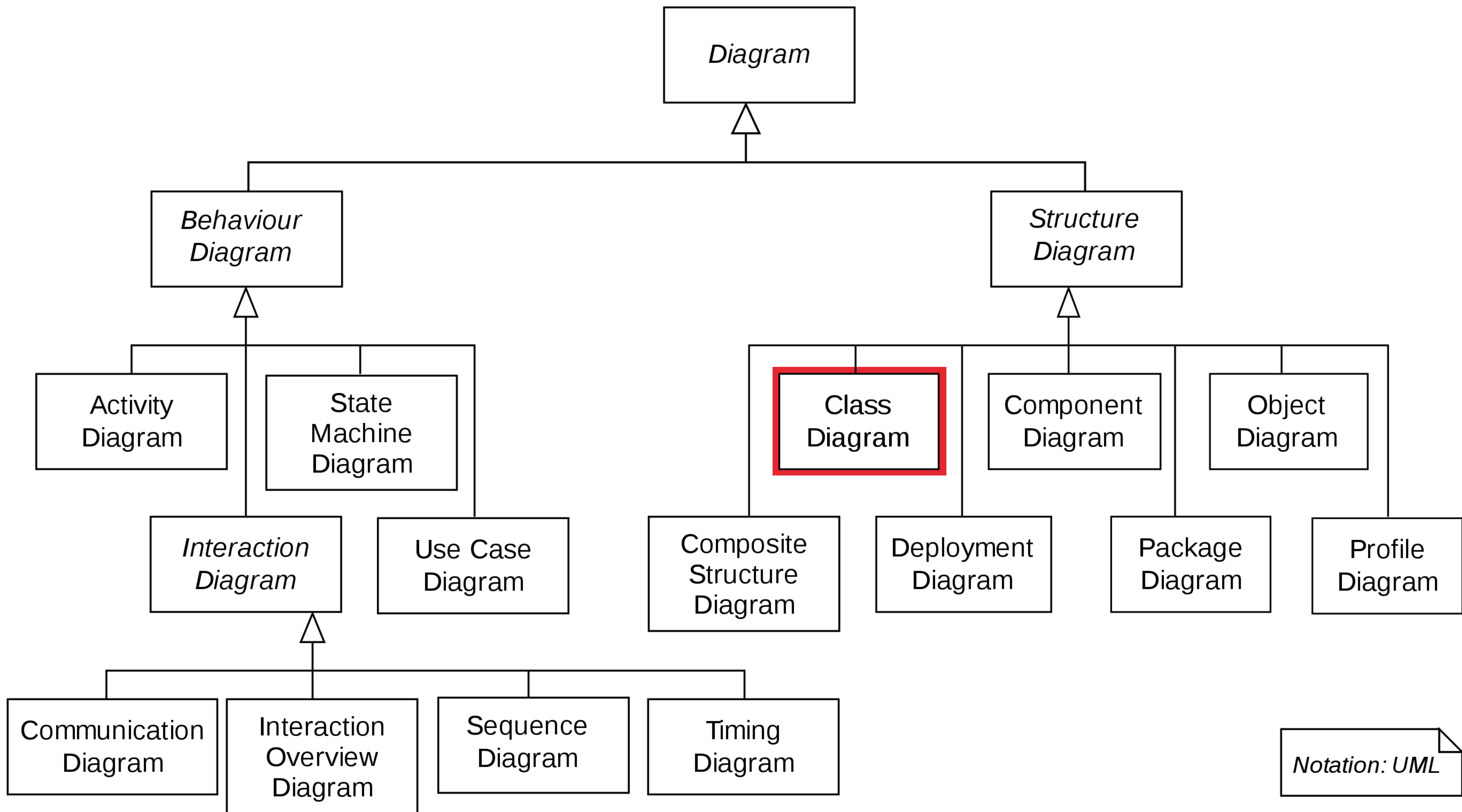
DONAT

UNIFIED MODELLING LANGUAGE

UNIFIED MODELLING LANGUAGE

- ▶ UML offers a way to visualize a system's architectural blueprints in a diagram
- ▶ Developed by **Grady Booch**, **Ivar Jacobson** and **James Rumbaugh** at Rational Software in 1994
- ▶ Goal: standardize the notational systems and approaches to software design
- ▶ International Organization for Standardization **(ISO) Standard** since 2005
- ▶ Current version is **UML 2.5.1** – 2017 December

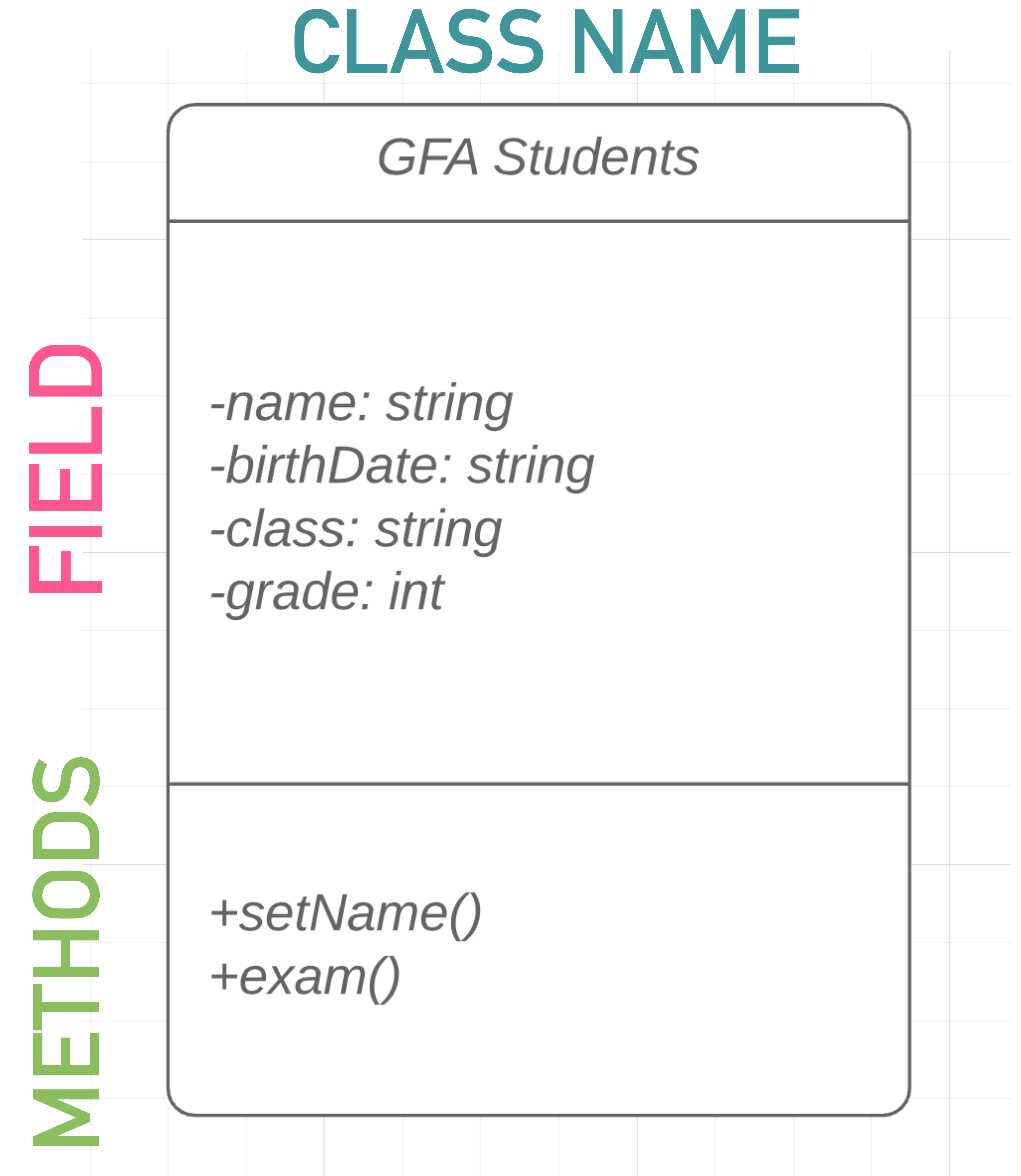




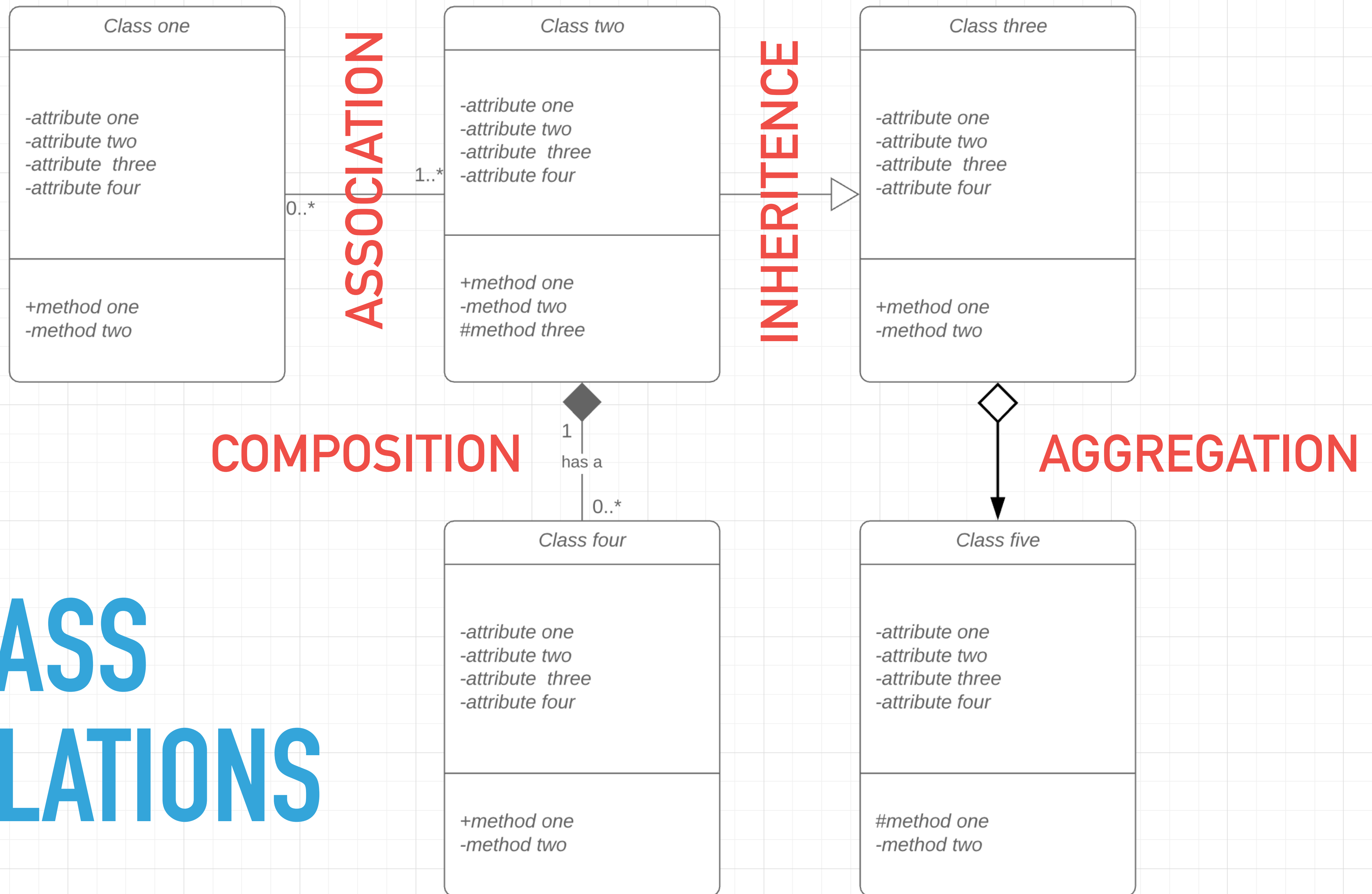
Notation: UML

UML CLASS DIAGRAMS

- ▶ Classes are boxes with 3 part:
 - ▶ class name
 - ▶ attributes (field)
 - ▶ methods
- ▶ Classes are connected to each other
 - ▶ in different ways
- ▶ Visibility (+, -, #, ~)



CLASS RELATIONS



PRETTY COOL, HUH?