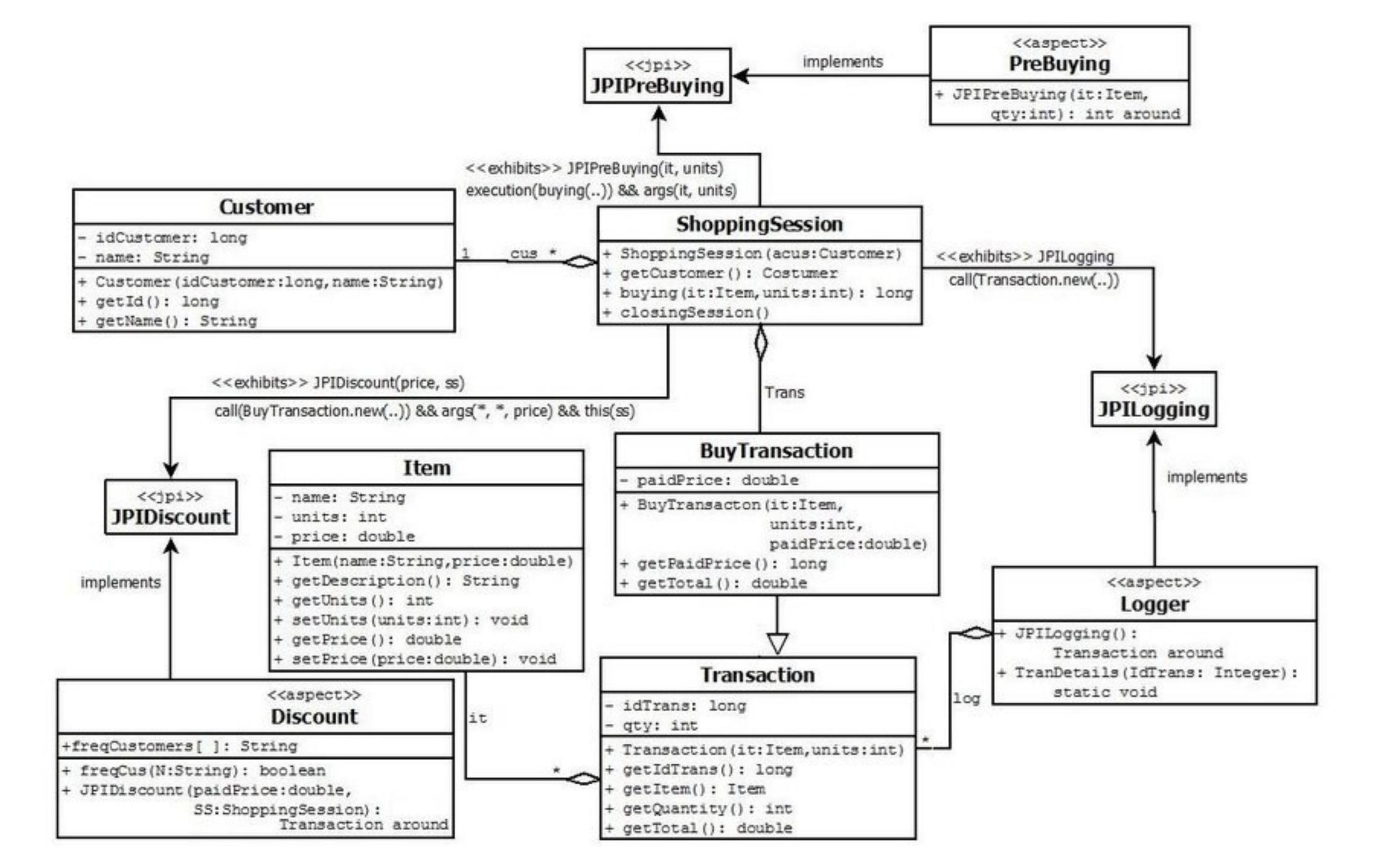
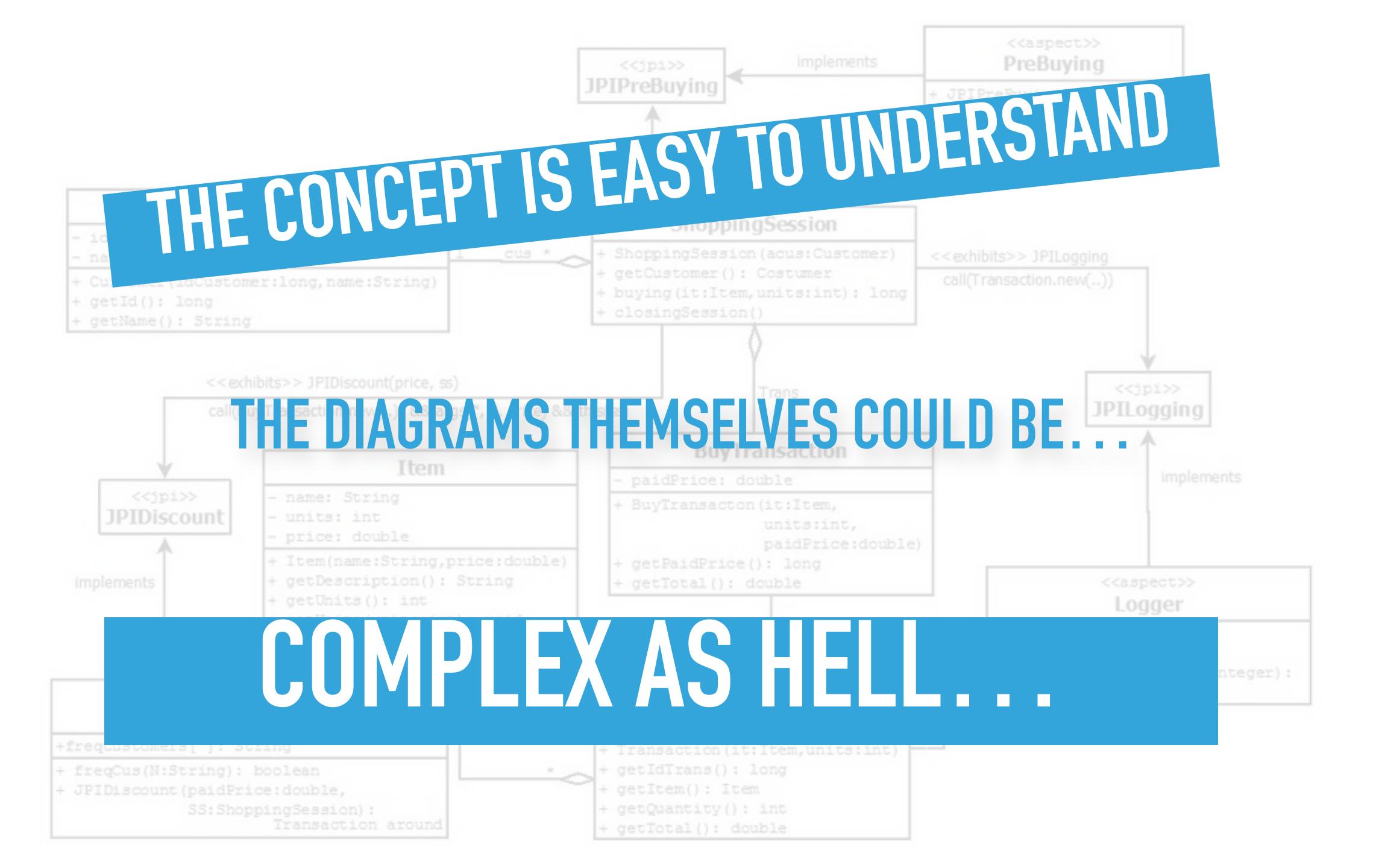
GitHub: Hordon13

HORVATH DONAT

UML CLASS DIAGRAMS





WHAT THE F*** IS UML?

DONAT

MODELLING LANGUAGE

UNIFIED MODELLING LANGUAGE

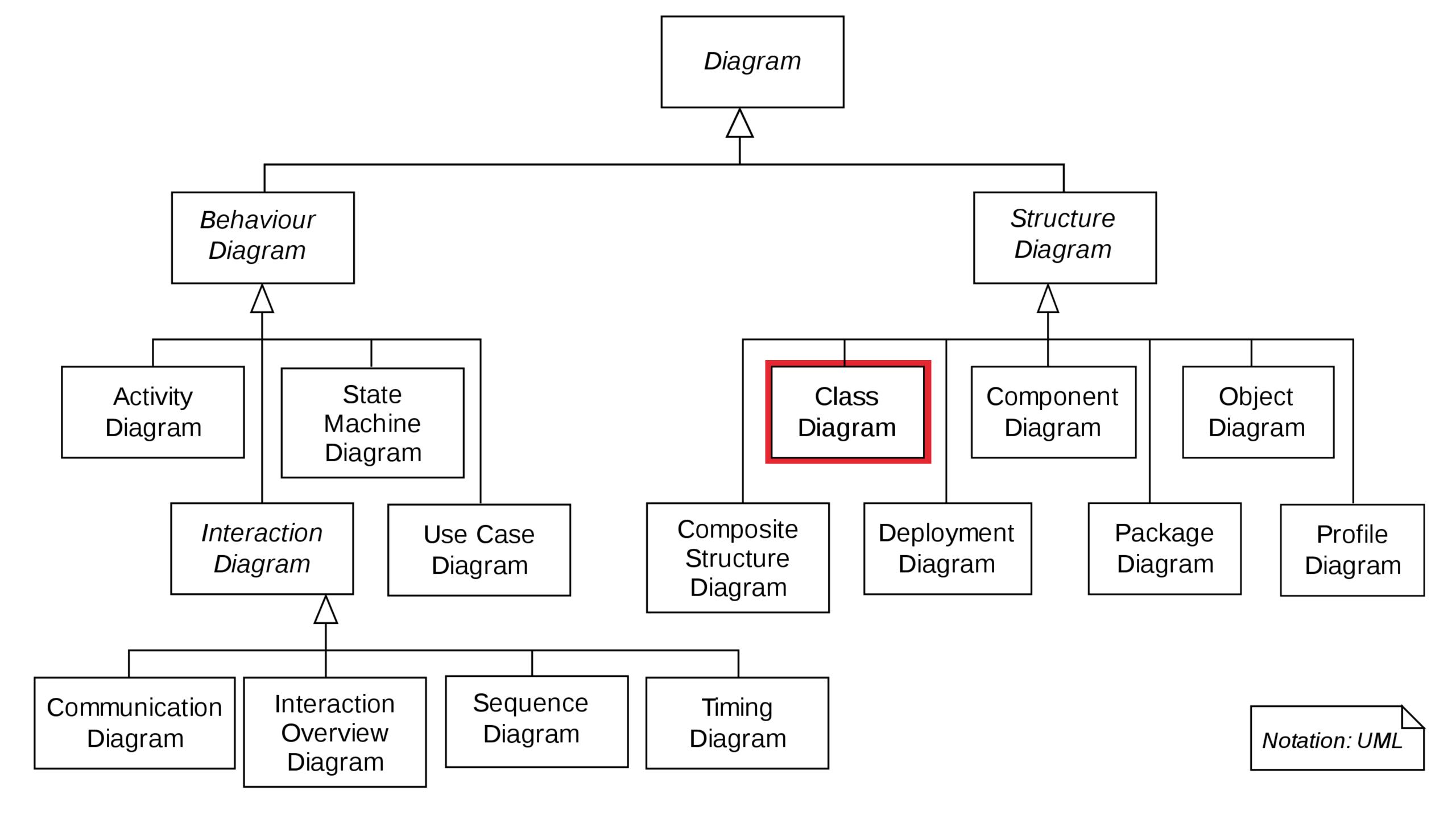
- UML offers a way to visualize a system's architectural blueprints in a diagram
- Developed by Grady Booch, Ivar Jacobson and James Rumbaugh at Rational Software in 1994
- Goal: standardize the notational systems and approaches to software design
- International Organization for Standardization (ISO)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

UNIFIED

MODELING

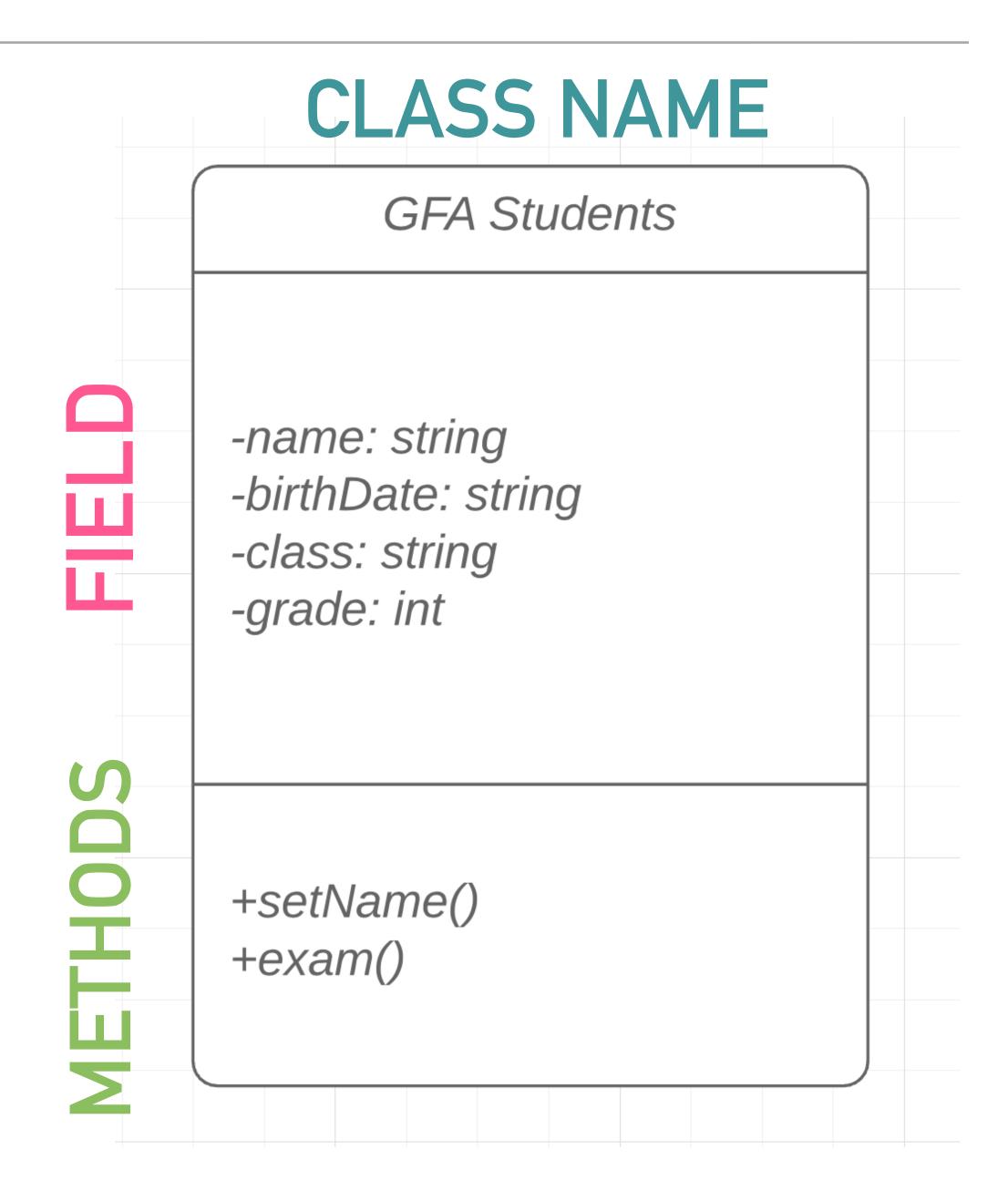
LANGUAGE,

Current version is UML 2.5.1 - 2017 December



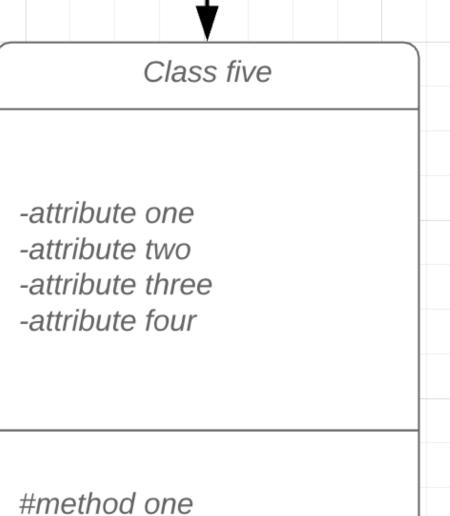
UML CLASS DIAGRAMS

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



Class two Class one NAENTENCE TENCE -attribute one -attribute one -attribute two -attribute two -attribute three -attribute three -attribute four -attribute four +method one -method two +method one #method three -method two COMPOSITION 0..* Class four CLASS -attribute one -attribute two -attribute three -attribute four RELATIONS | Compare | Com +method one -method two -method two

Class three -attribute one -attribute two -attribute three -attribute four +method one -method two



AGGREGATION

PRETTY COOL, HUH?