# MUNI
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# PB007 Week 06

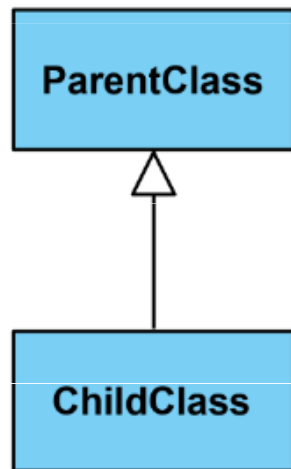Samuel Sabo

# Do's and don'ts

## Do's

- Representative name
- High cohesion
  - contains logically linked attributes/methods
  - single responsibility
- Low coupling
  - few connections to other objects

## Don'ts

- Complex classes managing other classes
- Too complex inheritance
- Implemntation detials
  - **Types**
  - Constructors
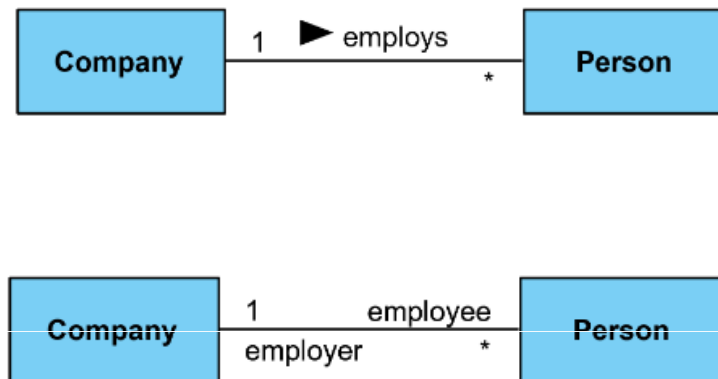  - Properties (getters, setters)
  - Language-specific constructs

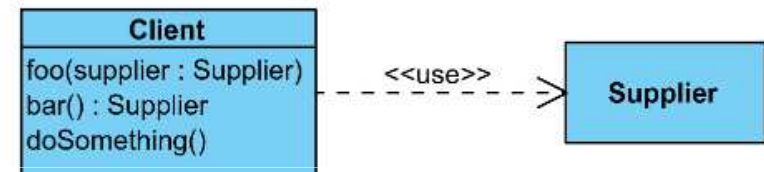MUNI
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# Relationships between classes

**Generalization**

**Association**

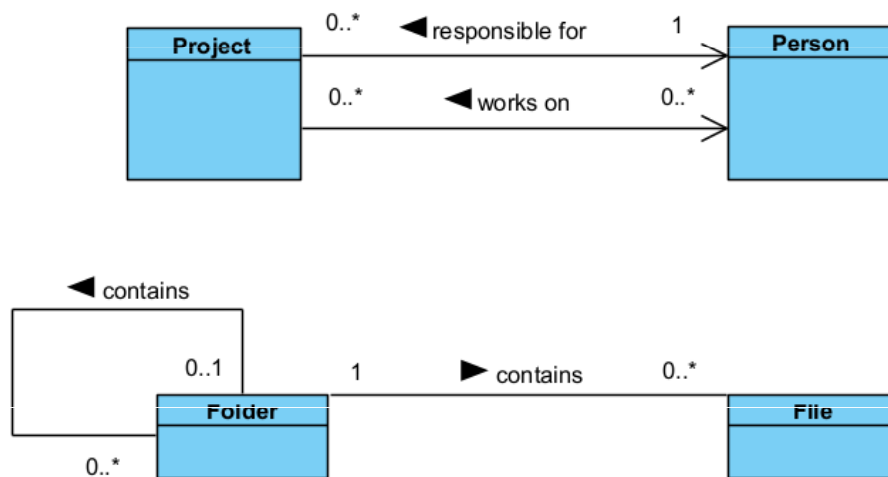| multiplicity: min..max | |
|---|---|
| 0..1 | zero or 1 |
| 1 | exactly 1 |
| 0..* | zero or more |
| 1..* | 1 or more |
| 1..6 | 1 to 6 |

**Dependency**

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# Association

– Multiple and reflexive

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# Task for this week

– Review the **analytical class diagrams** from the previous session. Fix any problem.

– Update use case diagram

– Submit this week's report in homework vault <u>week06</u> in format **surname1-surname2-surname3.pdf** till 01.11.2024

– Peer review another group's project

– Submit the review in homework vault <u>week06</u> in format **surname1-surname2-surname3-review.pdf** till 04.11.2024

– If you have not yet set up your report generation in VP, refer to <u>week02</u>

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