January 22, 2025

LEC 07 - Inheritance Continued

Duplicate Documentation:

- Should be avoided
- Dont maintain documentation in two places unless there is no other choice
  - Ex. superclass and subclass
- Inherited methods and common public attributes do not need to be documented again in the subclass
- Overriden methods should still be documented, even if there are no differences

"Is a" vs. "Has a":

- Inheritance is not always appropriate to describe the relationship between entities you want to model
  - Same for composition

  When should you use composition / inheritance?

  - Think about the relationships between objects
  - Inheritance → "is a" relationship
  - Compoisition → "has a" relationship