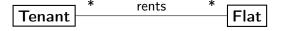
# Association Classes Software Systems – Design – L3T3

Peter Lammich

Content: how to add extra information to associations

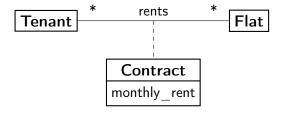
#### Association Classes

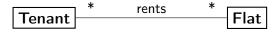
Add extra information to association

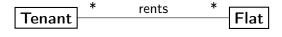


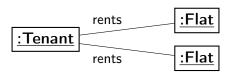
#### Association Classes

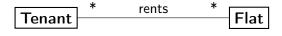
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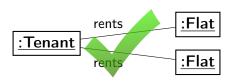


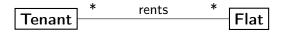


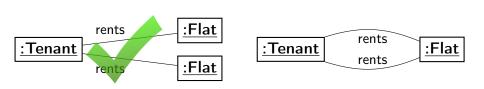


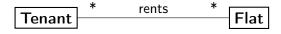


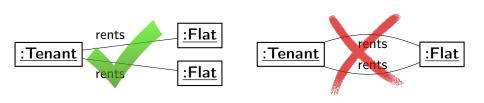






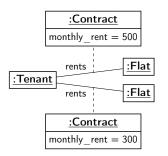




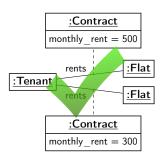


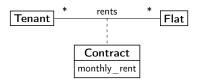


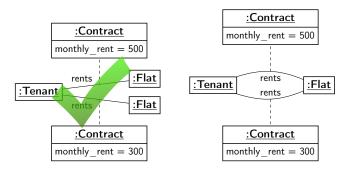


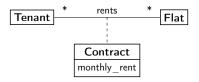


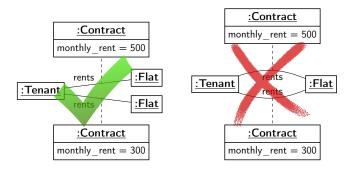












But ...

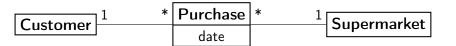
You can use properties, e.g. {nonunique}, to change this semantics. All the gory details in UML Superstructure Spec (Chapter 7.3.3)

But ...

You can use properties, e.g. {nonunique}, to change this semantics. All the gory details in UML Superstructure Spec (Chapter 7.3.3)

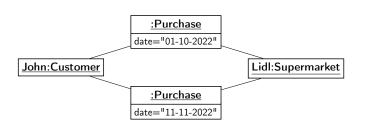
Remember: UML is meant to be easily readable!

### Using Normal Classes



#### Using Normal Classes





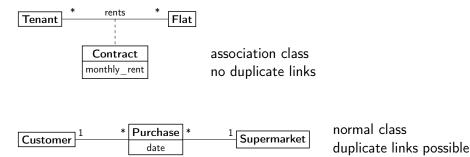
#### Using Normal Classes





#### Summary

Model association with extra information. Are duplicate links between same objects required?



If possible, use association class!