

CS544 EA Hibernate

Association: ManyToMany

Uni Directional ManyToMany

• @ManyToMany associations can only be implemented with a JoinTable ______

firstname VARCHAR(255)

lastname VARCHAR(255)

phoneNr VARCHAR(255)

Customer SalesPerson +id +calls +firstName @Entity +firstName @Entity +lastName public class SalesPerson { +lastName public class Customer { +phoneNr +phoneNr @Id @GeneratedValue @GeneratedValue private Long id; private Long id; private String alias; private String firstName; private String phoneNr; private String lastName; @ManvToManv private List<SalesPerson> salesPeople . . . = new ArrayList<>(); Optionally add @JoinTable . . . to specify name of table and / or column names Customer_SalesPerson \ SalesPerson Customer Customer id INT

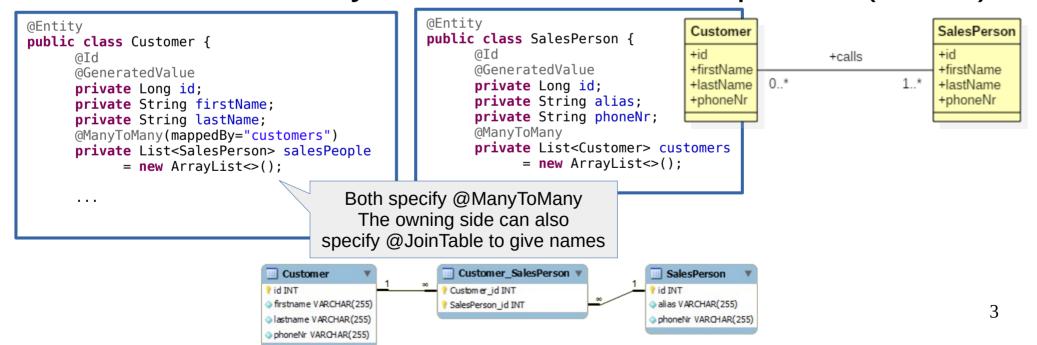
SalesPerson_id INT

alias VARCHAR(255)

phoneNr VARCHAR(255)

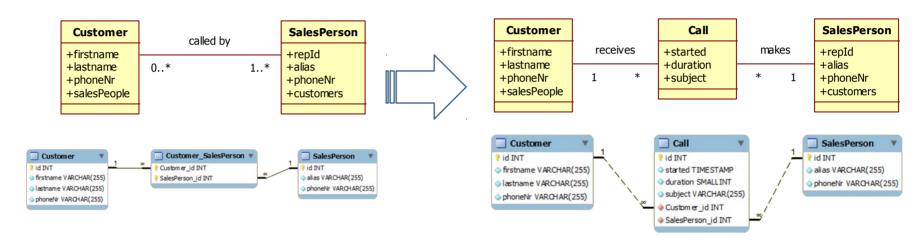
Bi-Directional ManyToMany

- Choose which side specifies mappedBy
 - Business may find one side more important (owner)



Reconsider

During Domain Analysis consider changing ManyToMany



- ManyToMany are often interesting connections
 - Maybe you want to keep data on how / what connected
 - Turn JoinTable into an entity