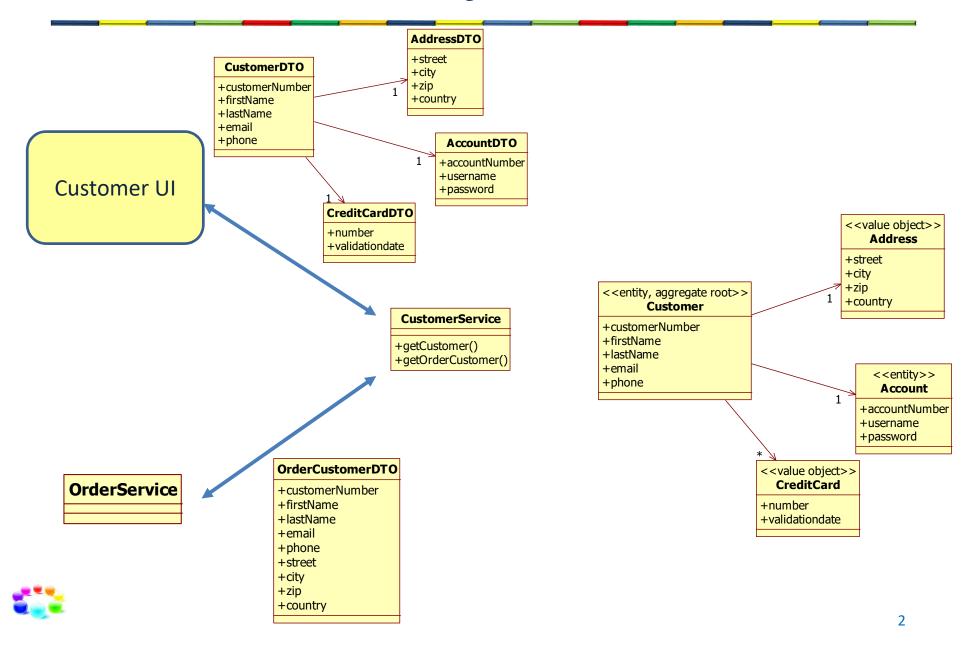
#### **LAB 5 SOLUTION**



### Which DTO objects do I need?



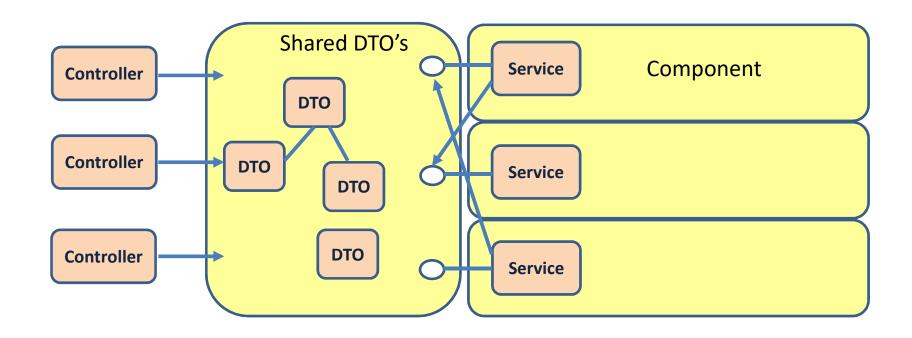
# How to translate from DTO to domain and vice versa?

Adapter **OrderCustomerAdapter** <<value object>> +OrderCustomerDTO getOrderCustomerDTO(Customer) **Address** +Customer getCustomer(OrderCustomerDTO) +street +city +zip <<entity, aggregate root>> +country **OrderCustomerDTO** Customer +customerNumber +customerNumber +firstName +firstName +lastName +lastName +email <<entity>> +email +phone Account +phone +accountNumber +street +username +city +password +zip +country <<value object>> CreditCard



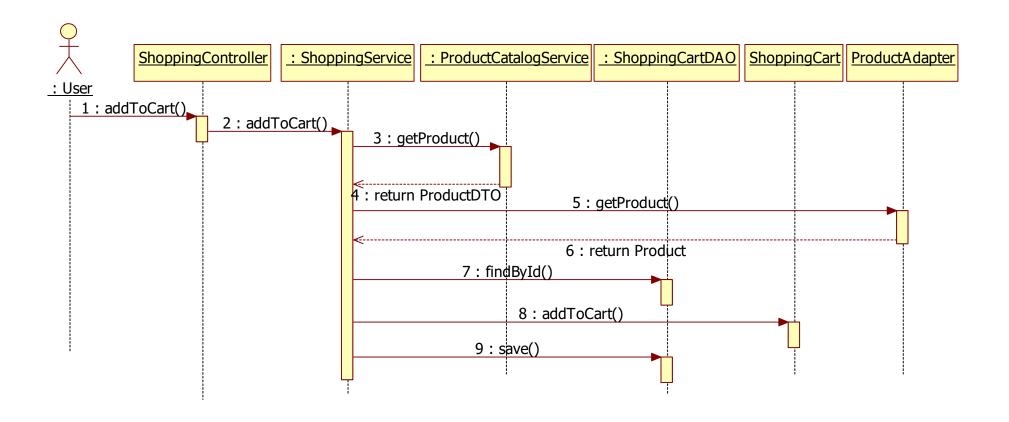
+number +validationdate

# What are the boundaries of the components?



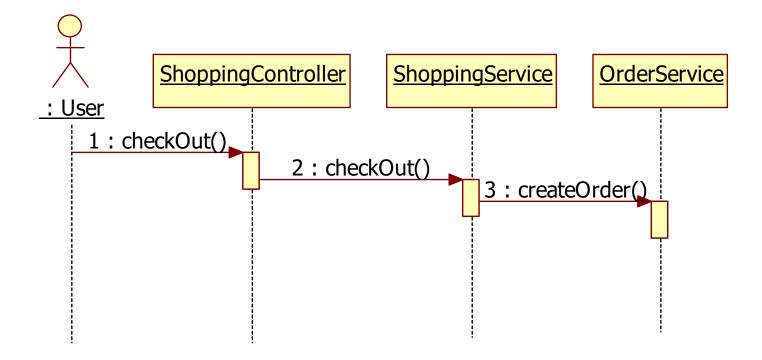


# ShoppingService calling ProductCatalogService



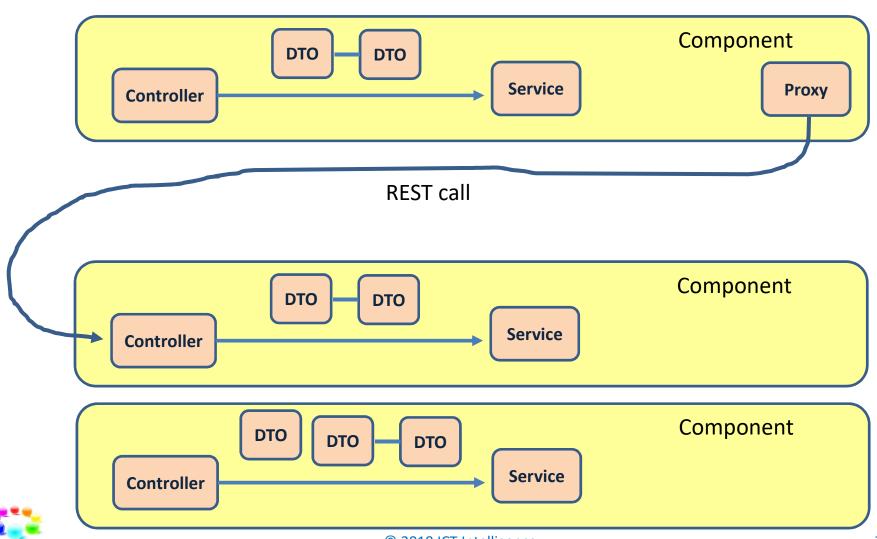


### ShoppingService calling OrderService

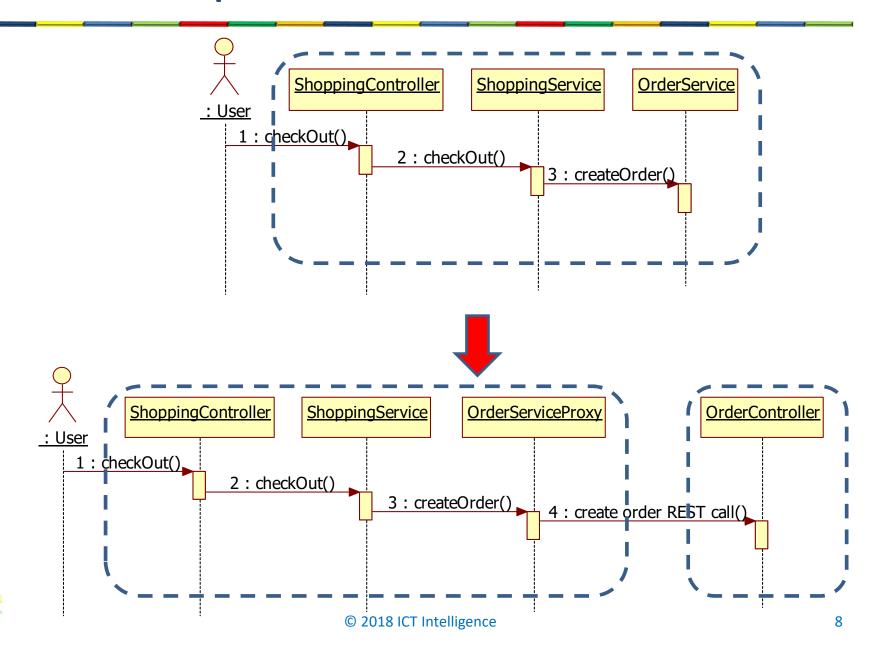




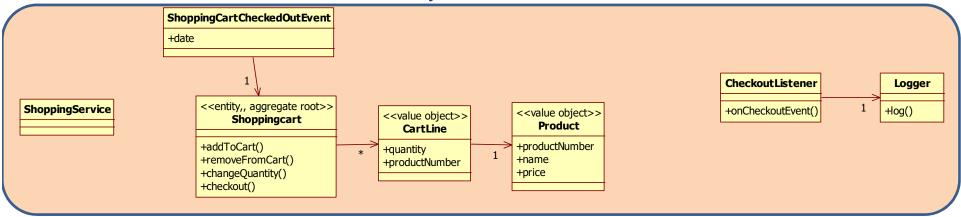
# What are the boundaries of the components?

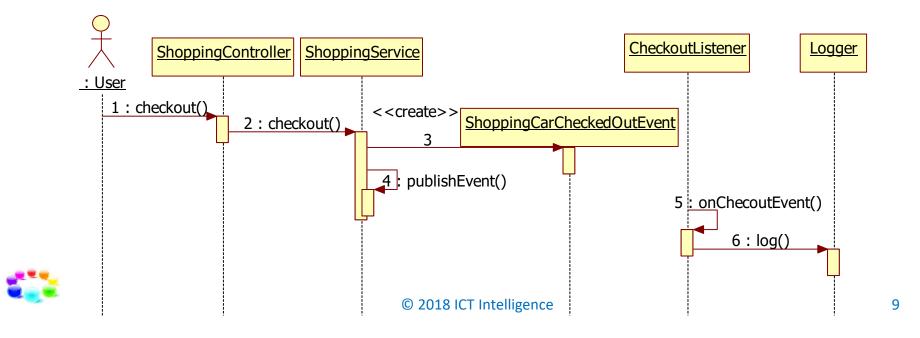


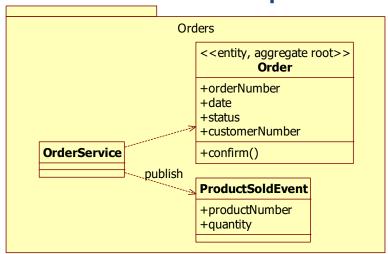
### Complete isolated services

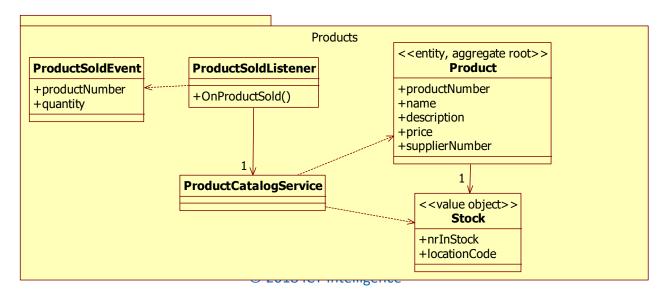


Event within a component

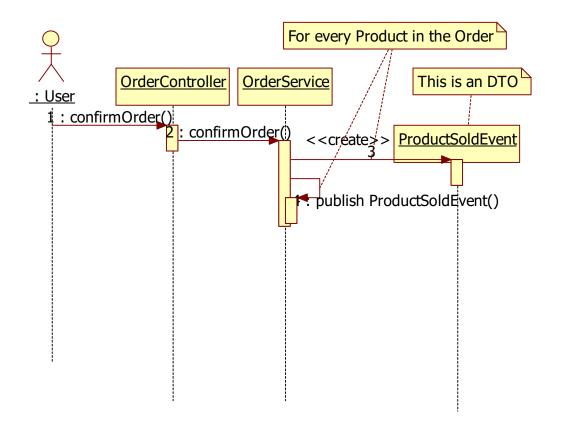


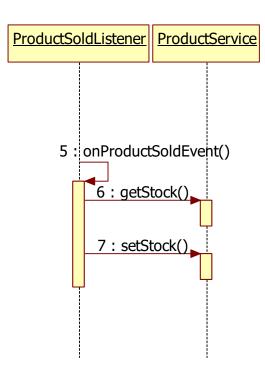






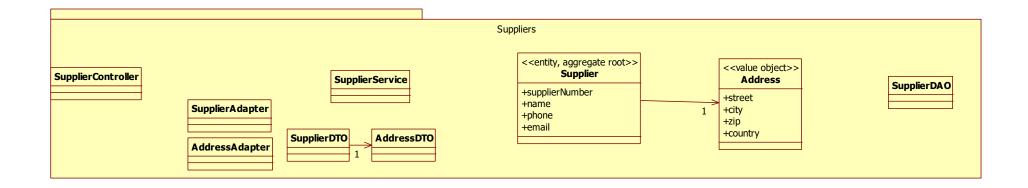






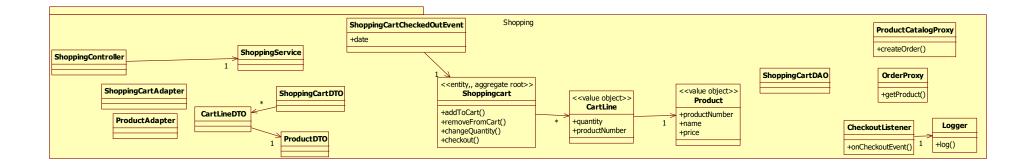


## **Suppliers**



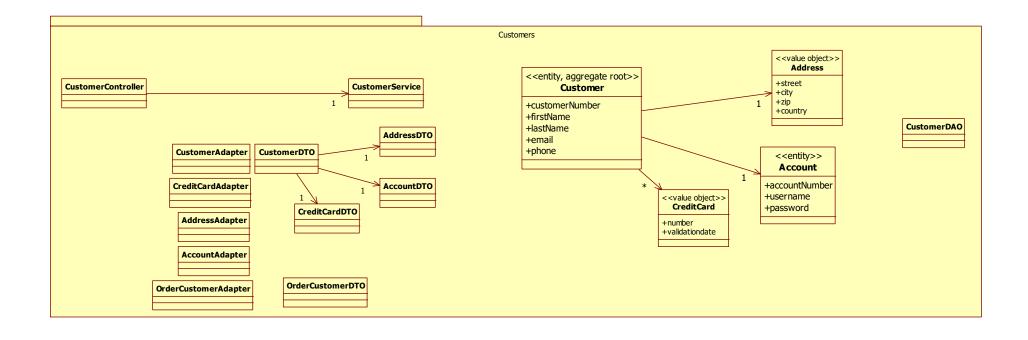


## Shopping

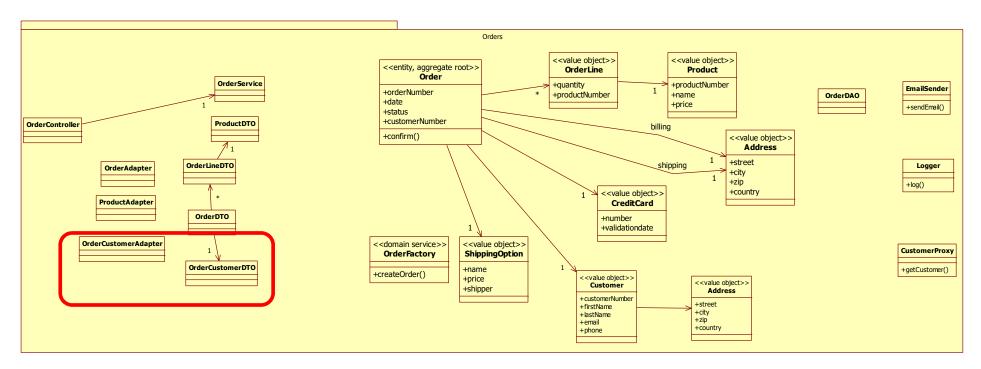


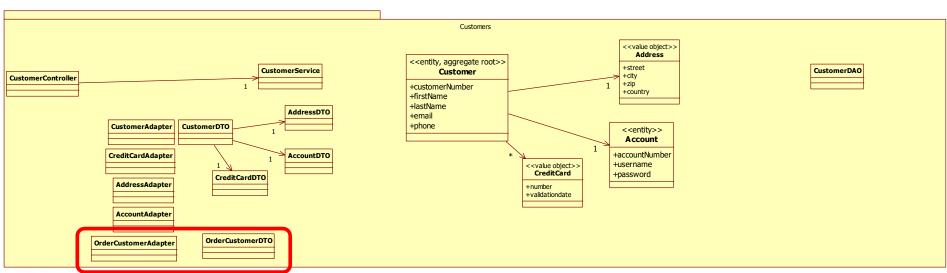


### Customers



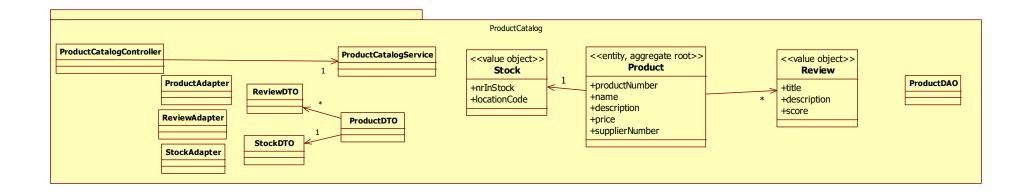








## ProductCatalog





Logger

+log()

1

Event within a component

