

UML Sequence Diagrams

brief tutorial

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Draw a sequence diagram for:

A person adds an item to the shopping cart. The product controller resolves this item by its id and the item is added to the shopping cart.

The person checks out when he is done shopping. The shopping cart calculates the total price and places an order. The person pays the order. The payment service executes the payment.

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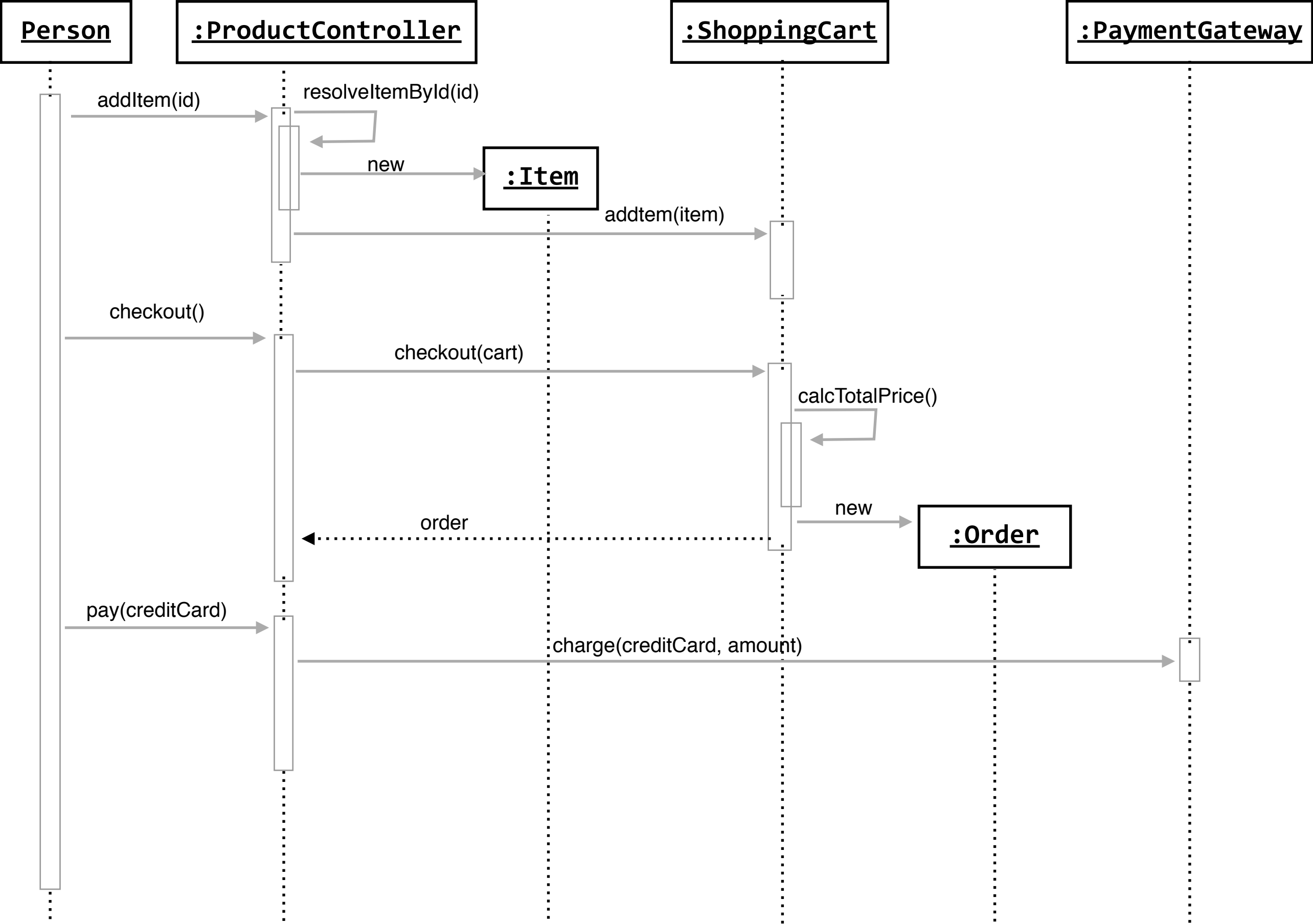
Objects

- Person
- ProductController
- Item
- ShoppingCart
- Order
- PaymentService

Sequence Diagram



Sequence Diagram





Now it's your turn!

10' Time

Draw a sequence diagram for:

The user opens the address-book app on her smartphone. She taps on „+“ to add a new contact. The app displays a form where the information of the new contact can be filled in. The user fills in the information and taps on save. The app closes the form, saves the contact and displays the contact information. The user taps on „call“ to contact her friend. The app switches to the phone app which calls the friend.

10' Time

Cheatsheet available here:

<http://goo.gl/v6cQhE>

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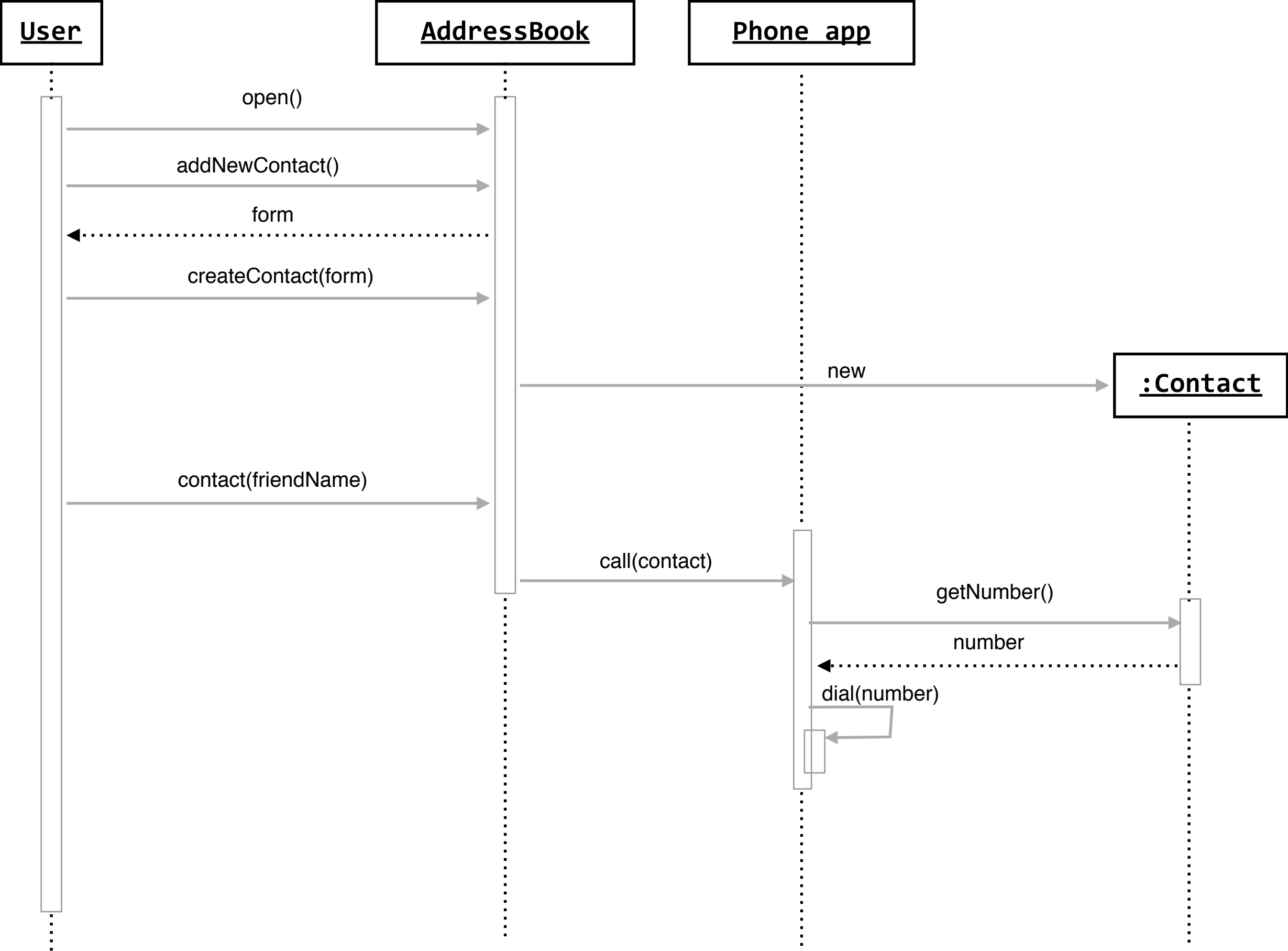
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Sequence Diagram



Useful Links

- <http://www.holub.com/goodies/uml/>
- <http://www.digilife.be/quickreferences/QRC/UML%20Reference%20Card.pdf>
- <http://loufranco.com/wp-content/uploads/2012/11/cheatsheet.pdf>
- https://en.wikipedia.org/wiki/Sequence_diagram