Lab 6. Spring integration
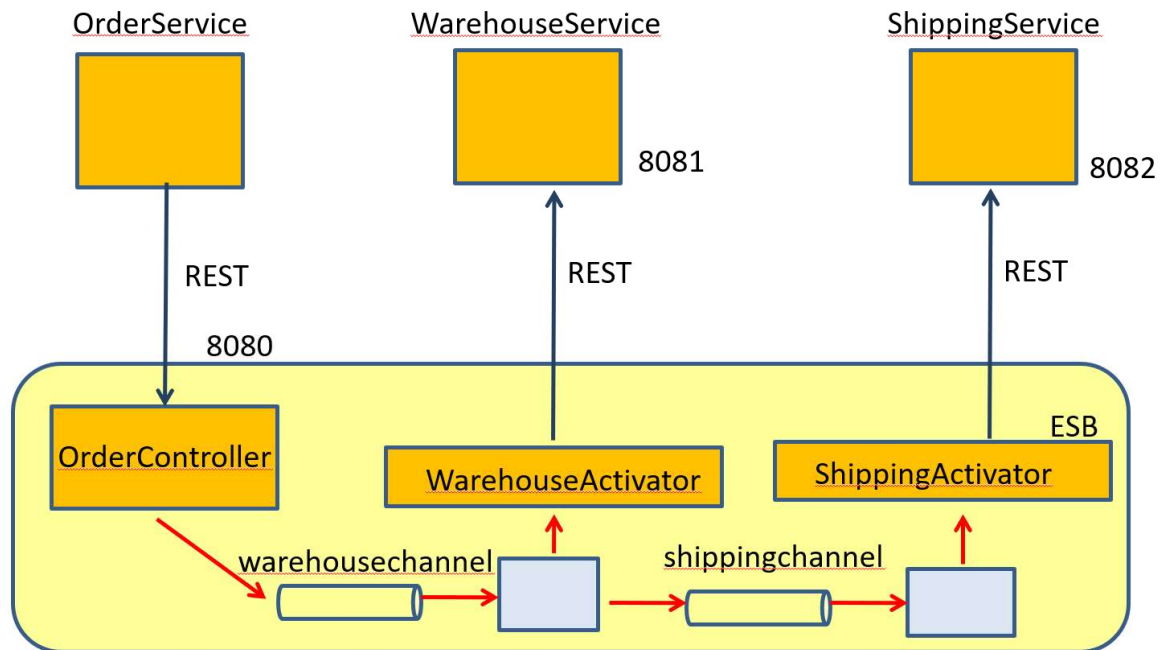
Given are the projects **OrderService, EnterpriseServiceBus, WarehouseService and ShippingService**
Start the **EnterpriseServiceBus, WarehouseService and ShippingService**

If you now run the **OrderService,** you should see the orders printed in the **WarehouseService and ShippingService**

a. Now modify the application such that we have 2 shipping services
   1. A **next day shipping service** that ships all orders of more than 175 dollars
   2. A **normal shipping service** that ships all orders below 175 dollars

b. Modify the application such that we have another extra shipping service for international orders. Add an extra field "orderType" in the order. There are 2 possible order types: "international" and "domestic" The application should have 2 routers. The first checks the order type. International orders are handled by the **international shipping service**. Domestic orders of more than 175 dollars are handled by the **next day shipping service**, and domestic orders below 175 dollars are handled by the **normal shipping service**.

What to hand in?

1. A zip file containing all services including the ESB
1. Write a readme.txt file with the following content:
   a) Status of the lab. Describe here if you finished all parts of the lab or not. If you did not finish the lab, describe which parts are finished, and which parts not. Describe clearly why some parts are not finished.
   b) Write the following statement and sign with your name:

I hereby declare that this submission is my own original work and to the best of my knowledge it contains no materials previously published or written by another person. I am aware that submitting solutions that are not my own work will result in an NC of the course.

I am aware that I am not allowed to share solutions with other students.

I am aware that if I submit only parts of this lab that points will be subtracted.

I am aware that if my lab submission does not contain this readme.txt file that I do not get points for this lab.

[your name as signature]