University
of Basel

Distributed Transactions

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Distributed Transactions

Hand-in: December 15th 2024,
+ interview (December 17th)

Modality: max 2 people

DBMS

Login credentials have been sent via email. Connection details to
v10 and v11 are specified in the exercise sheet.

Please be aware that the servers are reachable only from within
the university network, i.e., you need to connect via VPN if you are
using eduroam or working from home.
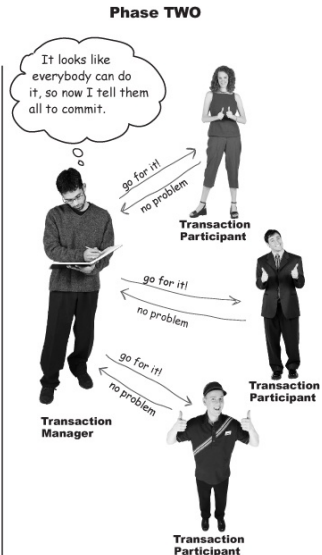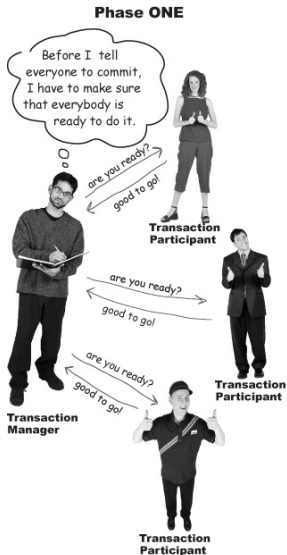
Exercise 4

Goal: Understand how distributed transactions work.
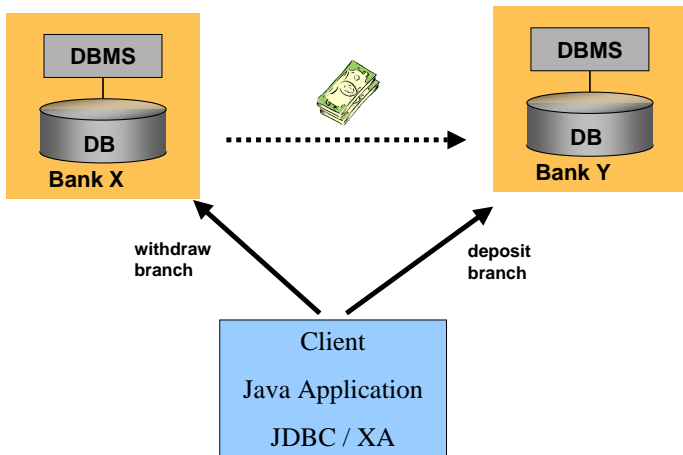
Suggestions

- Read the lecture slides, possibly consider further material
- Use Oracle SQL developer for solving the exercise

Distributed Transactions (2PC)

Question 1: Distributed Transactions with Java

> Unit test (beware: not all cases are tested!)
> See additional material (i.e. source code)

Interview

During the interview, you will be asked questions related to the topic of the exercise (distributed transactions, 2PC, 3PC) and your specific solutions.

> 15 min, scheduled meeting.
> Understanding of the code **and** the topic.
> Each group member has to attend the meeting.
> All team members must be able to answer the questions.
> Each team member has to register.

Register for the interview ("first come first served") on

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https://xoyondo.com/dp/jpop4qmxmcbxdv4
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(Remember: Each team member has to register on their own!)

Questions?

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