

Softwarekonstruktion - Exercise 12

12 A Process for Specifying Component-Based Software by Cheesman and Daniels

This exercise should be solved until Friday, January 28th, 2011.

12.1 Pre- and Postconditions: `createCustomer`

Specify pre- and postconditions in OCL for the operation *createCustomer* (see slide 390).

12.2 Pre- and Postconditions: `getCustomerMatching`

Specify pre- and postconditions in OCL for the operation *getCustomerMatching* (see slide 390).

12.3 Invariants: `RoomType`

Specify an invariant in OCL for the context *RoomType* (see slide 395) expressing that room types are not shared across hotels.

12.4 Invariants: `RoomType`

Specify an invariant in OCL for the context *RoomType* (see slide 395) expressing that there can never be more reservations for a date than there are rooms (no overbooking).