**Process Order**

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| Process Order | | | |
| Use case: | | **Process Order** | |
| Actors: | | Manager | |
| Purpose: | | Manager processes an Order, retrieve the ordered Items from RCS (Stock) and ready the Items for shipment. | |
| Overview: | | All items are continuously retrieved from storage. Every time an Item is retrieved it is checked out of the System. When all Items have been retrieved, the order status is changed. | |
| Type: | | Essential | |
| Preconditions: | | Stock positions of Items are known to the System. | |
| Postconditions: | | Order has its State changed to Processed. Items are removed from Stock | |
| Special Req.: | | No special requirements are needed. | |
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| Flow of Events | | | |
| Actor Action | | | **System Response** |
| 1. This Use Case begins when the Manager wants to process an Order | | |  |
| 1. The Manager requests the Order to be processed. | | | 1. For each Item CSS looks up the Item’s Stockposition and sends a ’Retrieve Item’ with that Stockposition to RCS. RCS retrieves the Item and responds with a ’retrieved’. CSS removes the Item from Stock. On last Item the State of the Order is changed to Processed. |
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| Alternative Flow of Events | | | |
| Line 3: | If RCS responds with ’failure’, CSS indicates a ’failure’ for that Stockposition. CSS then looks up another ’not reserved’ Item of same Itemtype and retrieves it instead. If no available Item CSS indicates a ’failure’ for retrieving that Item. | | |