

Order fulfillment

Description

BPMN 2.0 by Example (Order Fulfillment and Procurement) with rewording and explicit modeling of customer and wholesale shop. Last two tasks of happy path are parallellized because generally there is no specific order required.

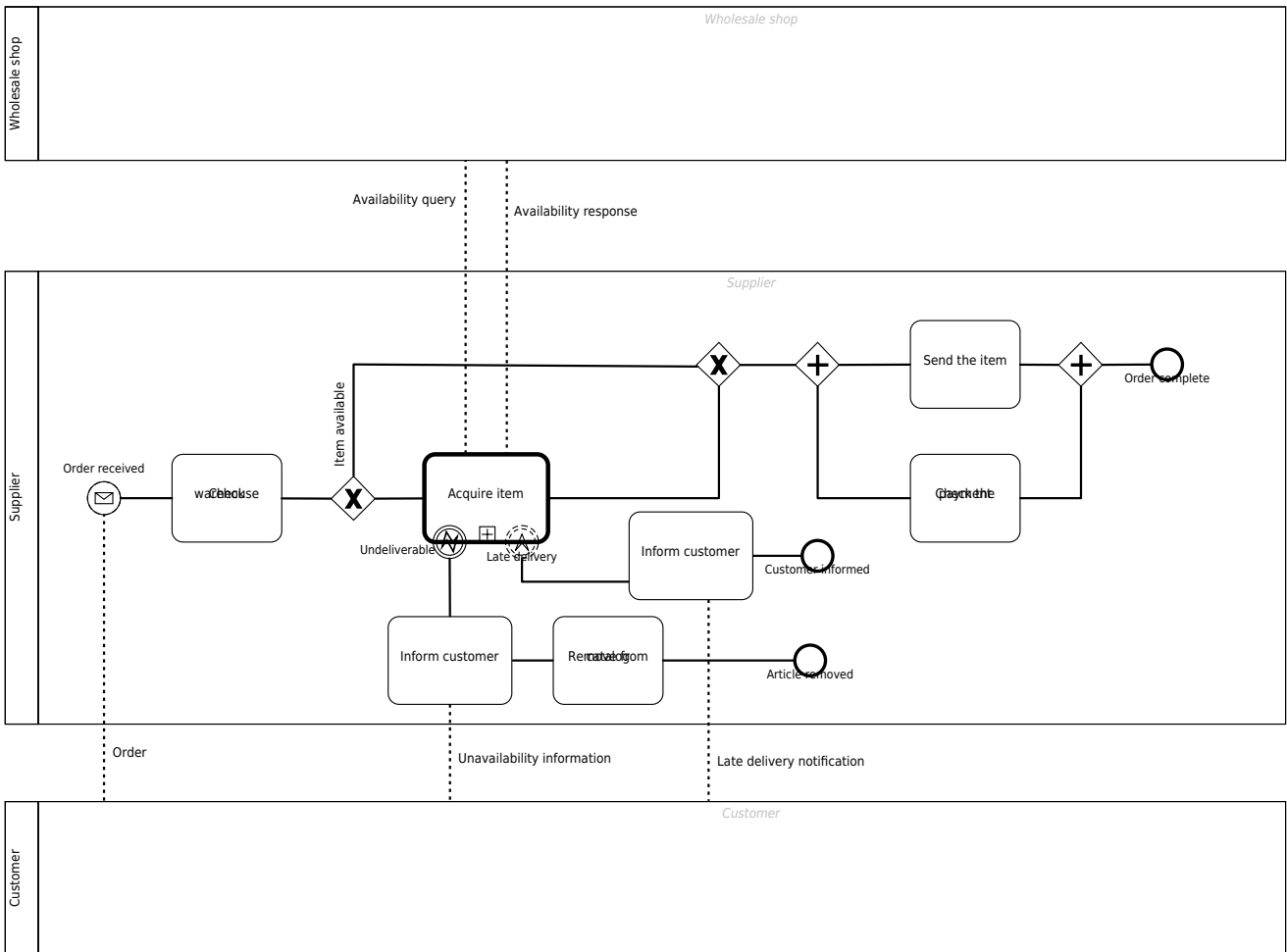
Source: [OMG: BPMN 2.0 by Example, June 2010 \(p. 5\)](#)

Model

BPMN Diagram types: Process,

Source files: [orderfulfillment.sgx](#), [orderfulfillment.bpmn](#) [orderfulfillment-all.pdf](#)

Diagram files:



, [orderfulfillment.pdf](#)



Subprocesses

L.p.	Name	Model
1	Acquire item	orderfulfillment-1.png

Acquire item



Model logic

Model metrics

Main process:

Abbreviation	Name	Value
CNC	Coefficient of Network Complexity	1.45
IC	Interface Complexity Metric	63.0
NOA	Number of Activities in a Process Metric	7.0
NOAC	Number of Activities and Control Flow Elements in a Process Metric	17.0
NOAJS	Number of Activities, Joins and Splits in a Process Metric	11.0
DSM	Durfee Square Metric	3.0
PSM	Perfect Square Metric	5.0
ALL	All Elements	43.0

Acquire item:

Abbreviation	Name	Value
CNC	Coefficient of Network Complexity	2.67
IC	Interface Complexity Metric	8.0
NOA	Number of Activities in a Process Metric	2.0
NOAC	Number of Activities and Control Flow Elements in a Process Metric	7.0
NOAJS	Number of Activities, Joins and Splits in a Process Metric	3.0
DSM	Durfee Square Metric	2.0
PSM	Perfect Square Metric	3.0
ALL	All Elements	22.0

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