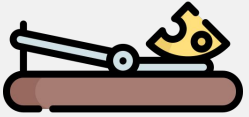


A wooden mousetrap with a wedge of yellow cheese as bait, set against a background of various BPMN icons. The text "BPMN Traps" is overlaid in the center.

# BPMN Traps

# Traps

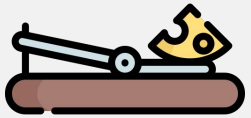
## 01 | Deadlock



# Traps

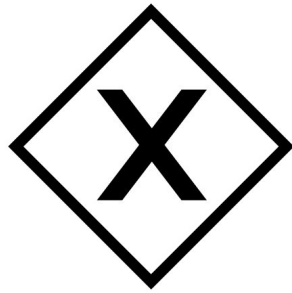
01 | Deadlock

02 | Multi Merge

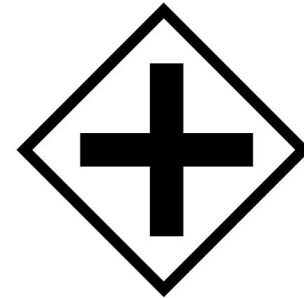
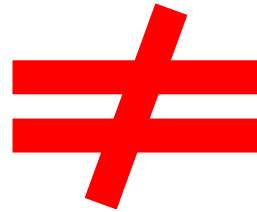


# Deadlock & Multi Merge Trap

The traps are caused by mixing up the gateways.



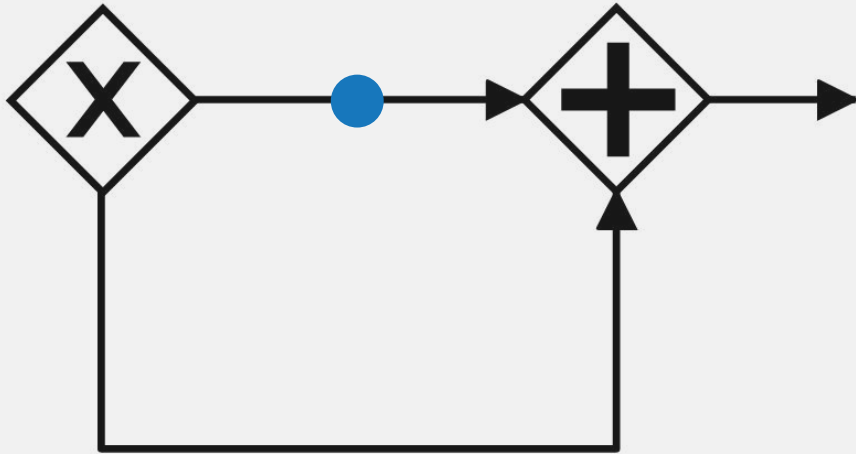
Exclusive Gateway



Parallel Gateway

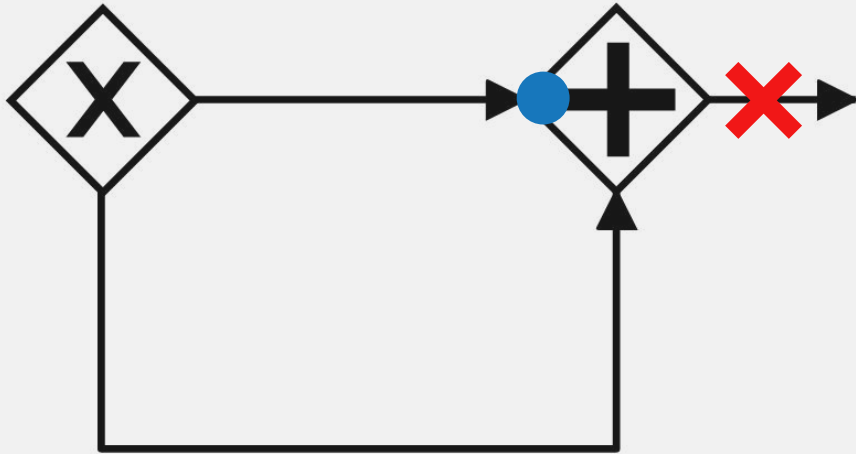
The **Deadlock** describes the trap of getting “**stuck for ever**”.

# The Deadlock



- Opening Exclusive Gateway
- Closing Parallel Gateway
- One Token is issued

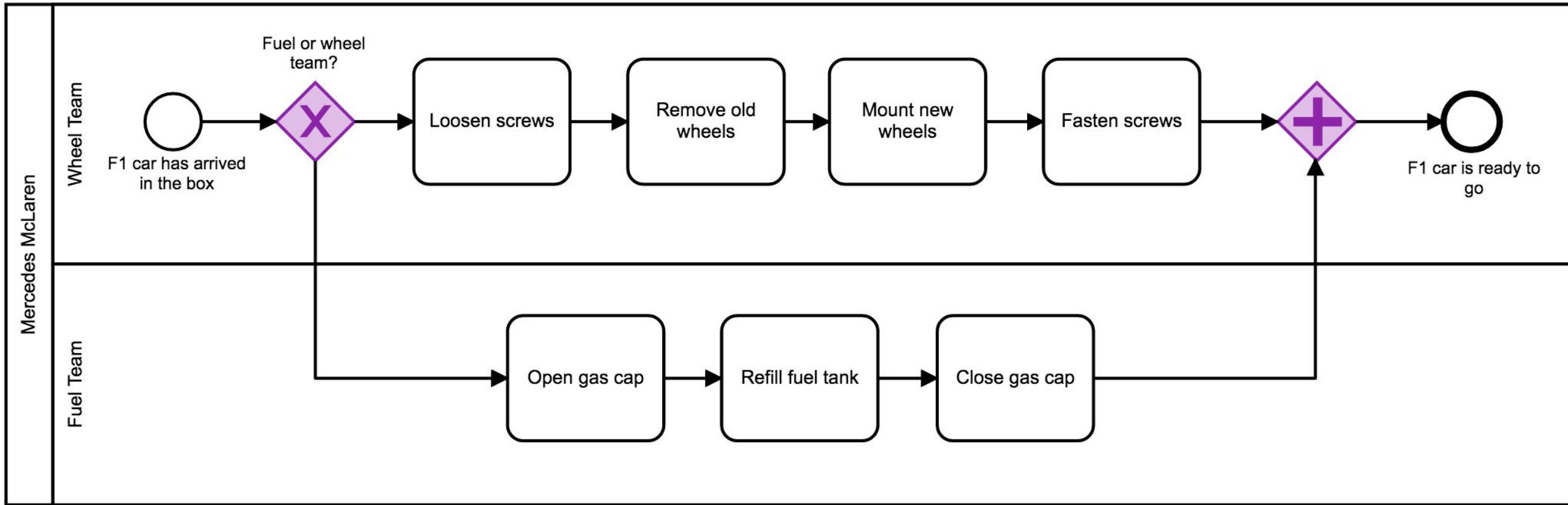
# The Deadlock



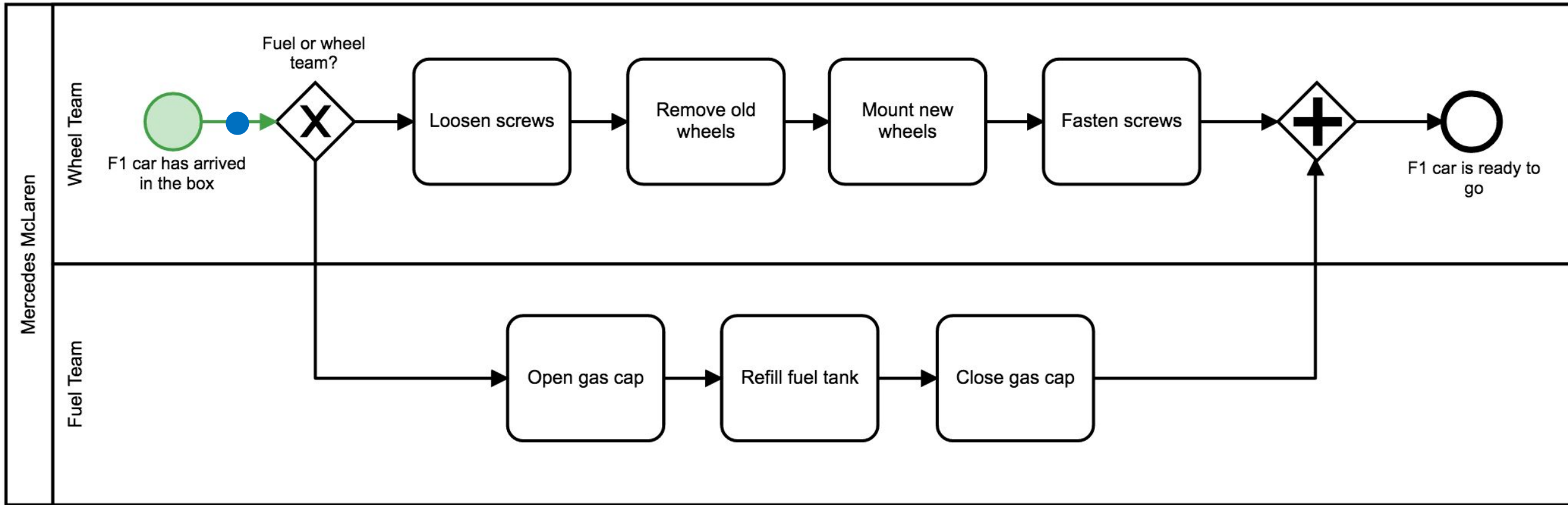
- Two Tokens are expected
- The process gets stuck



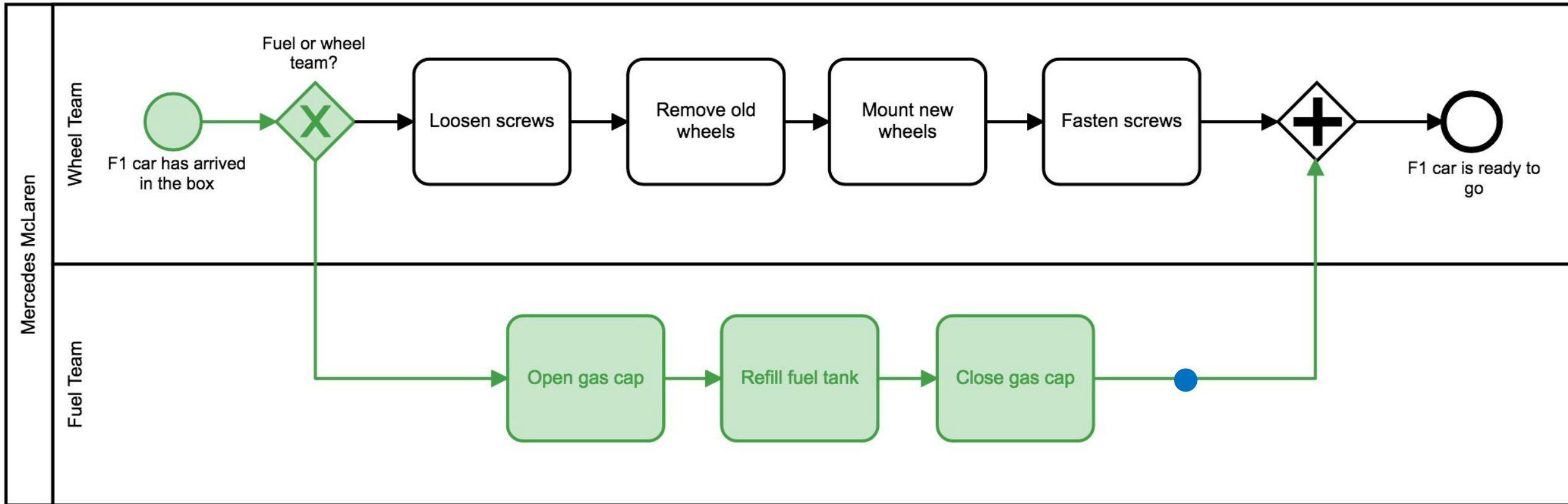
# The Deadlock



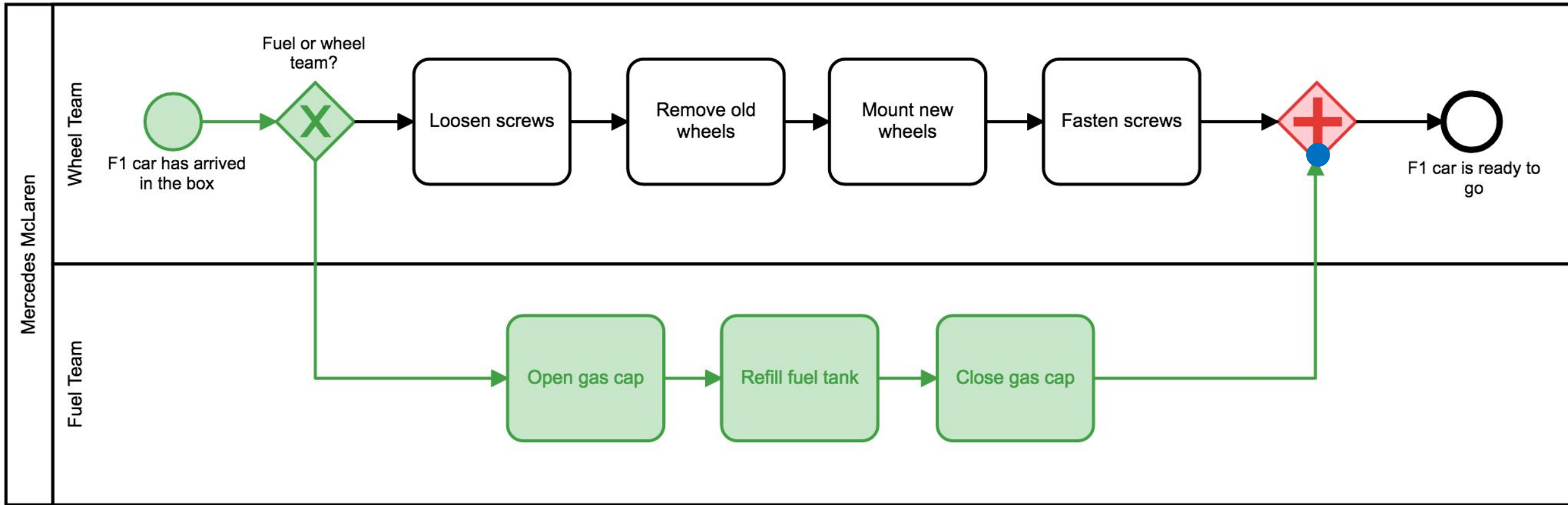
# The Deadlock



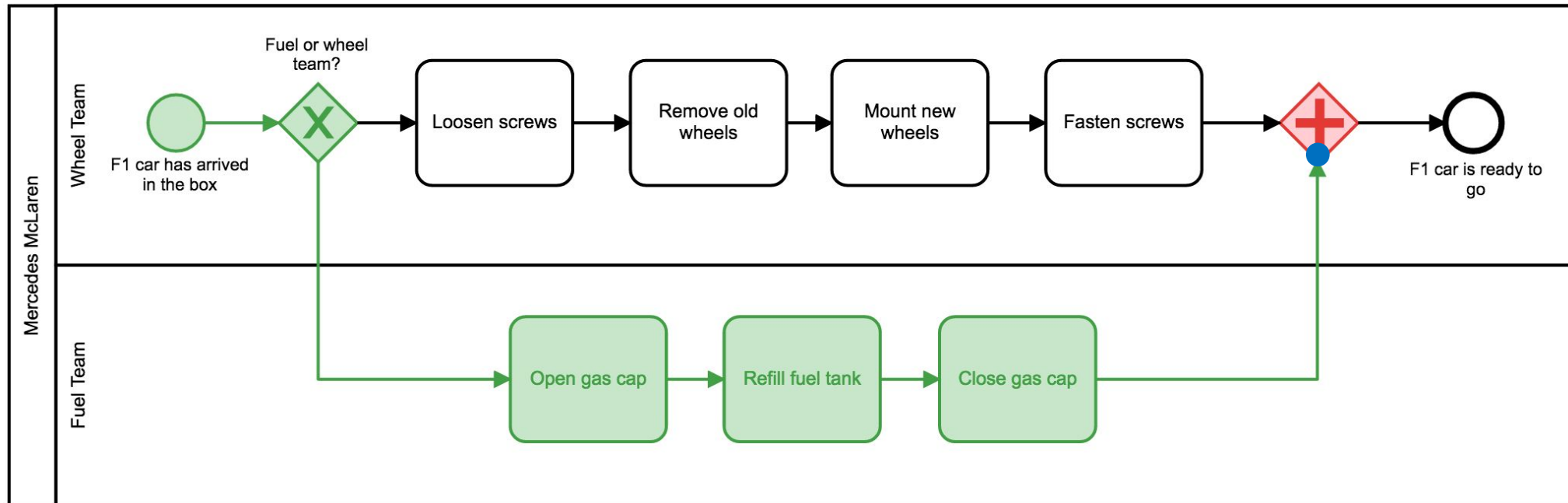
# The Deadlock



# The Deadlock

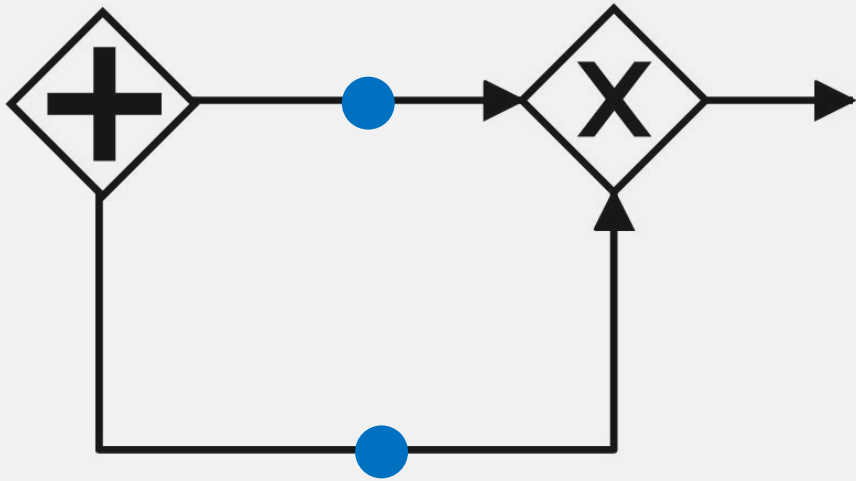


Remember the impatient Gonzales 🙄  
being stuck in the box forever.



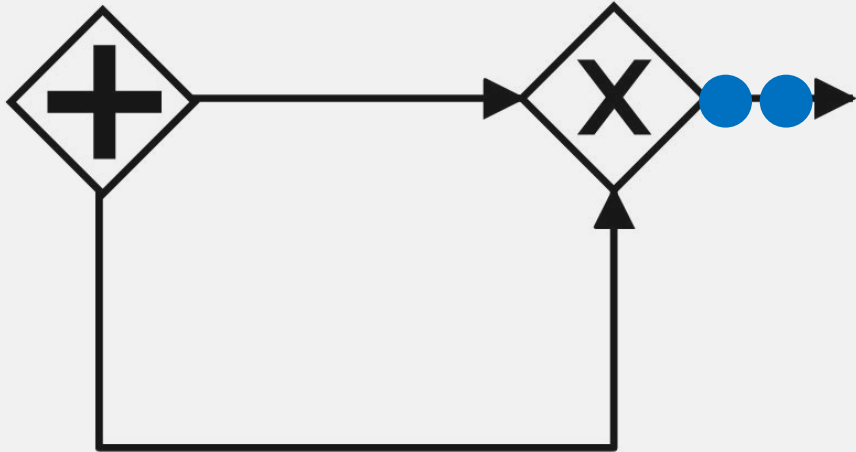
The **Multi-merge** trap is based on the incorrect pairing of gateways.

# Multi-Merge



- Opening Parallel Gateway
- Closing Exclusive Gateway
- Two Tokens are issued

# Multi-Merge



- Both Tokens are forwarded
- All following tasks will be executed twice



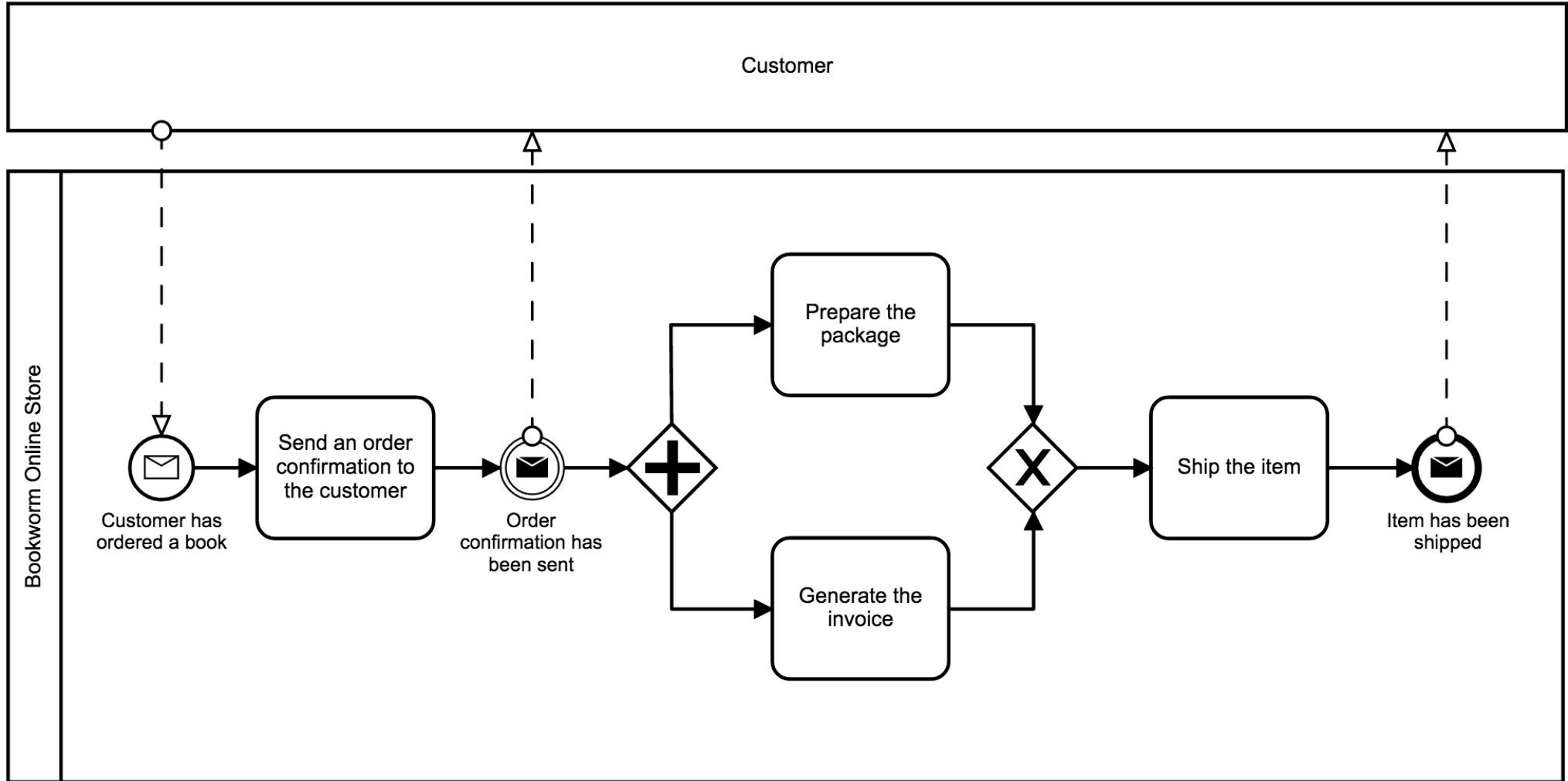
Several tokens rolling through the entire process.



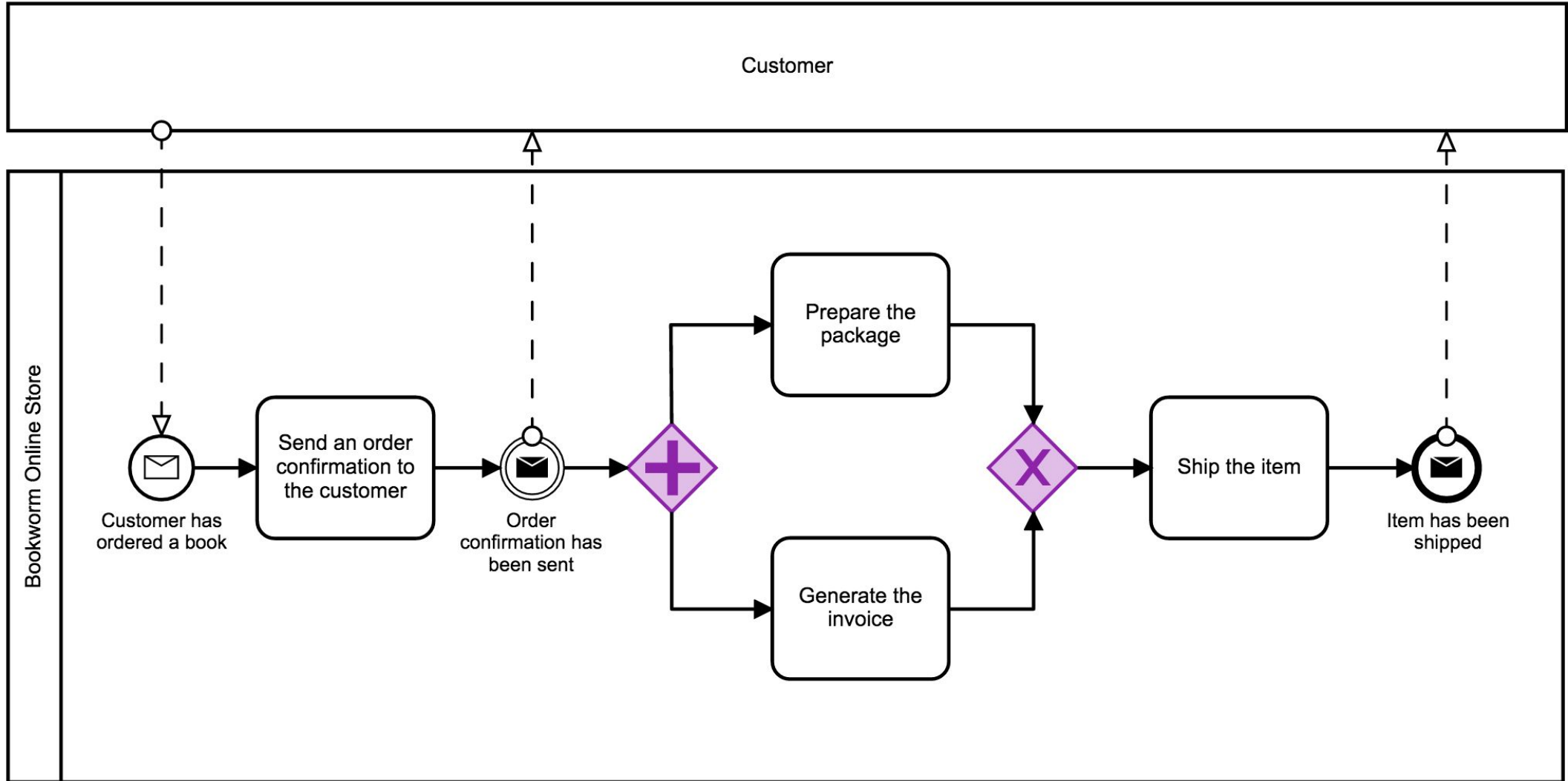
Instead of being merged into a single token again.



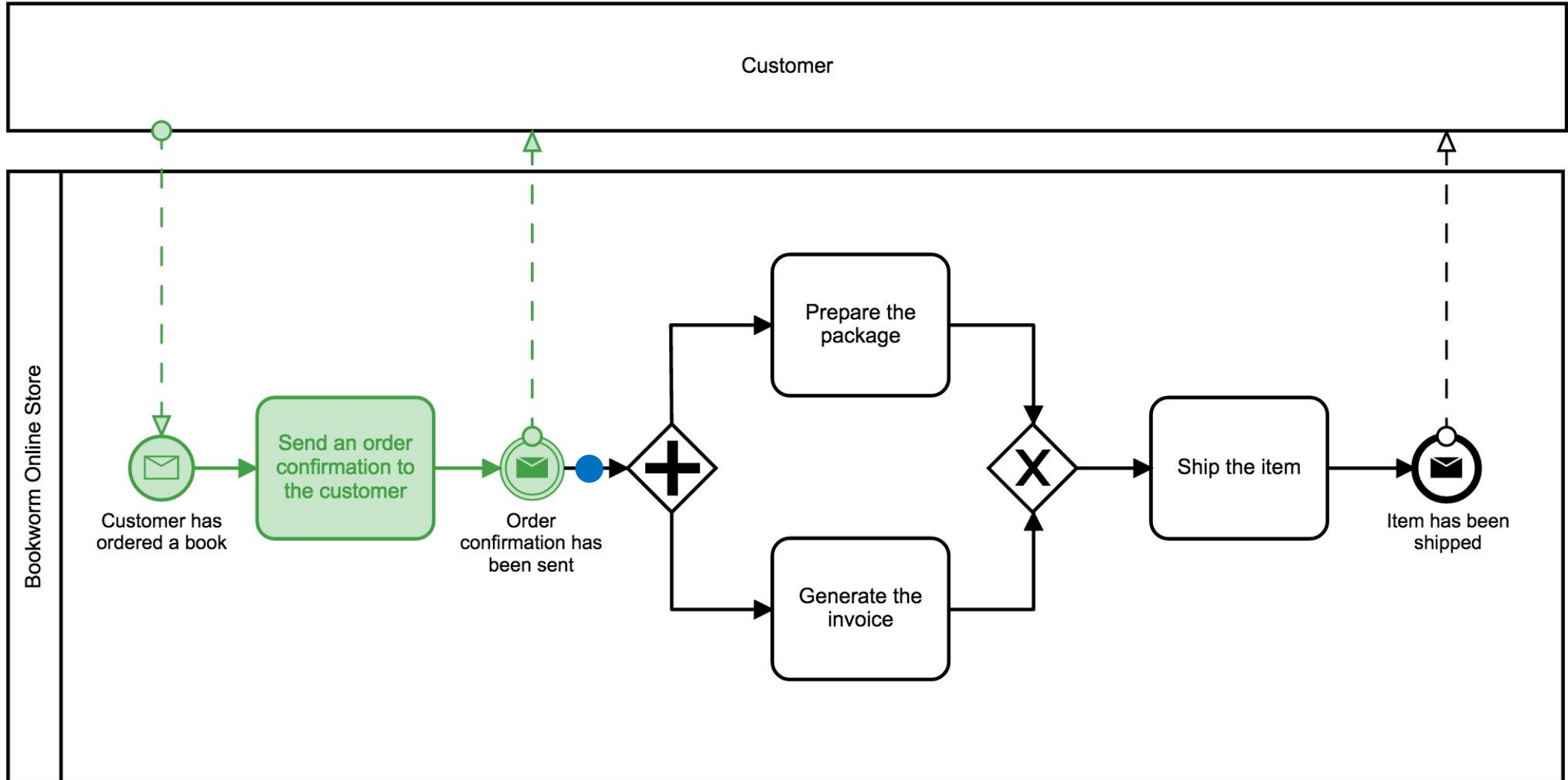
# The Multi-Merge



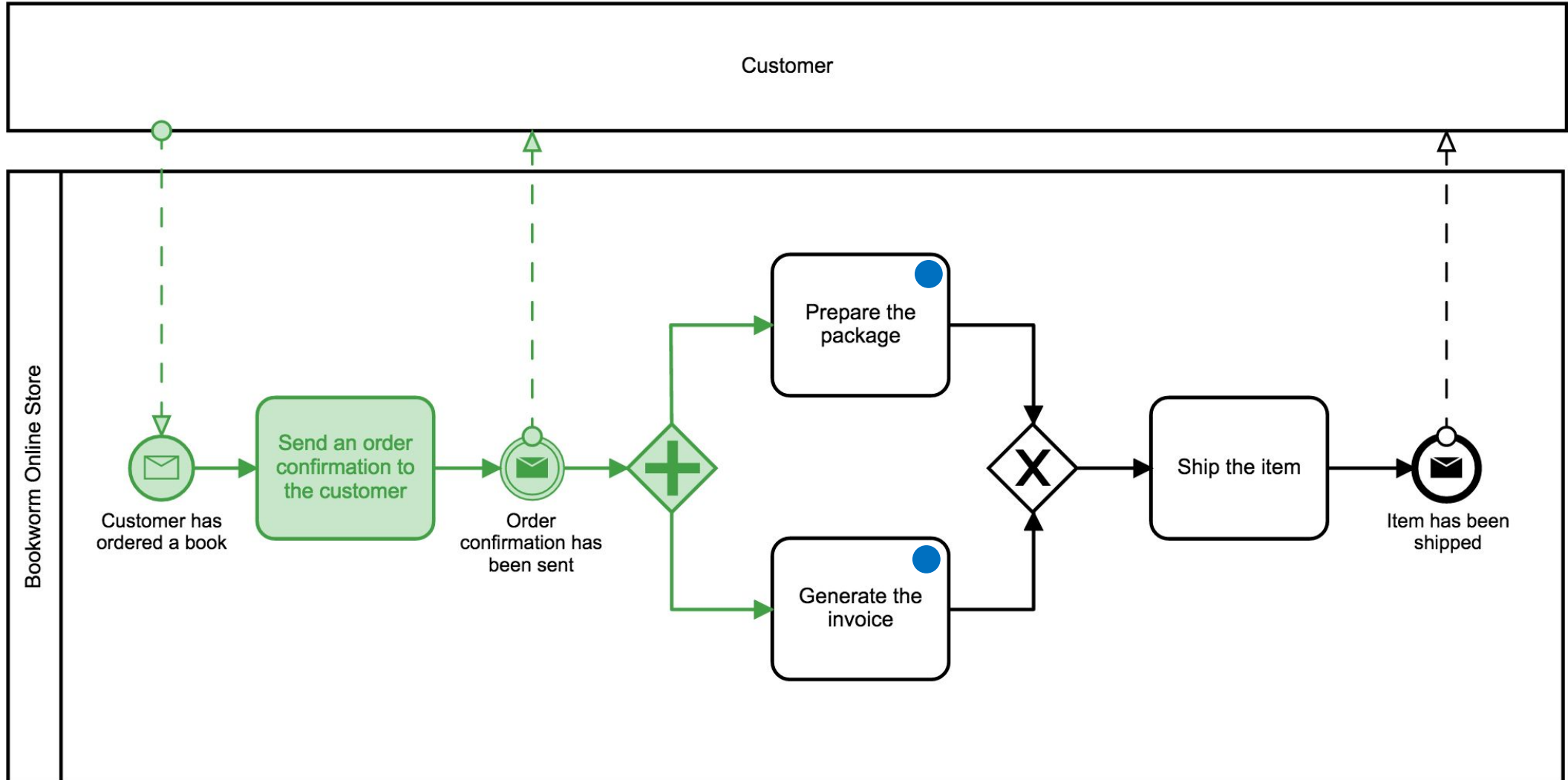
# The Multi-Merge



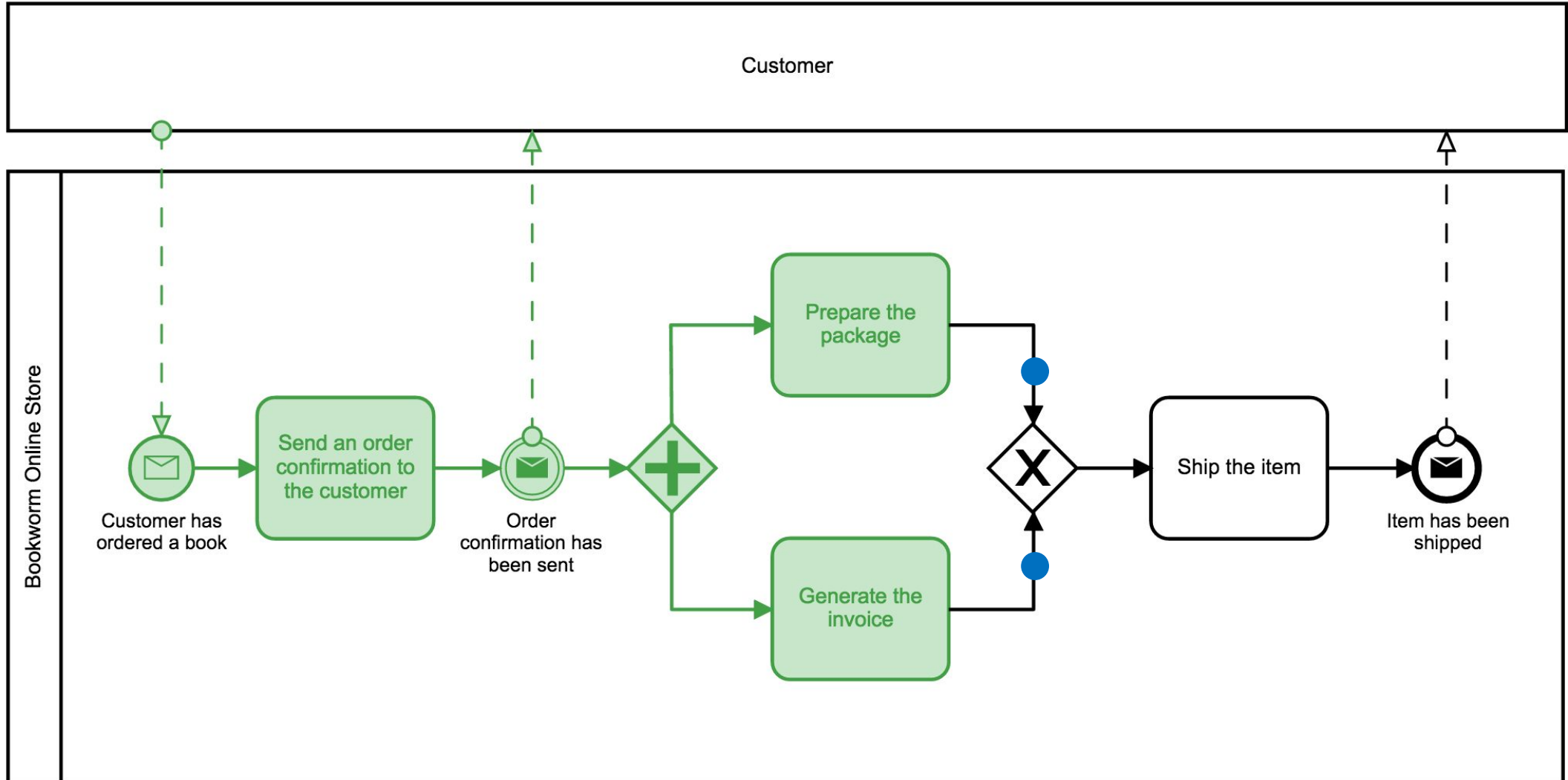
# The Multi-Merge



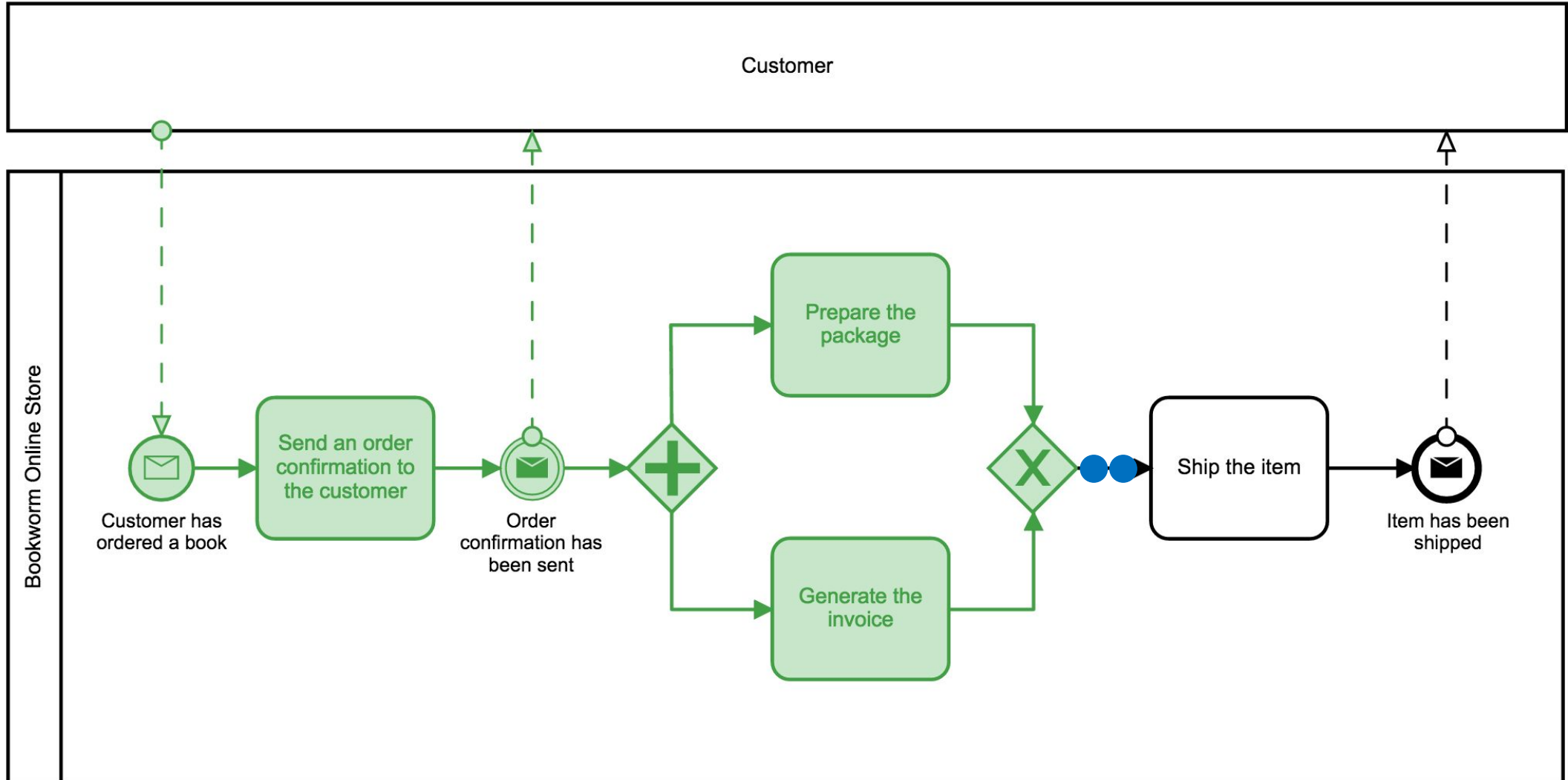
# The Multi-Merge



# The Multi-Merge

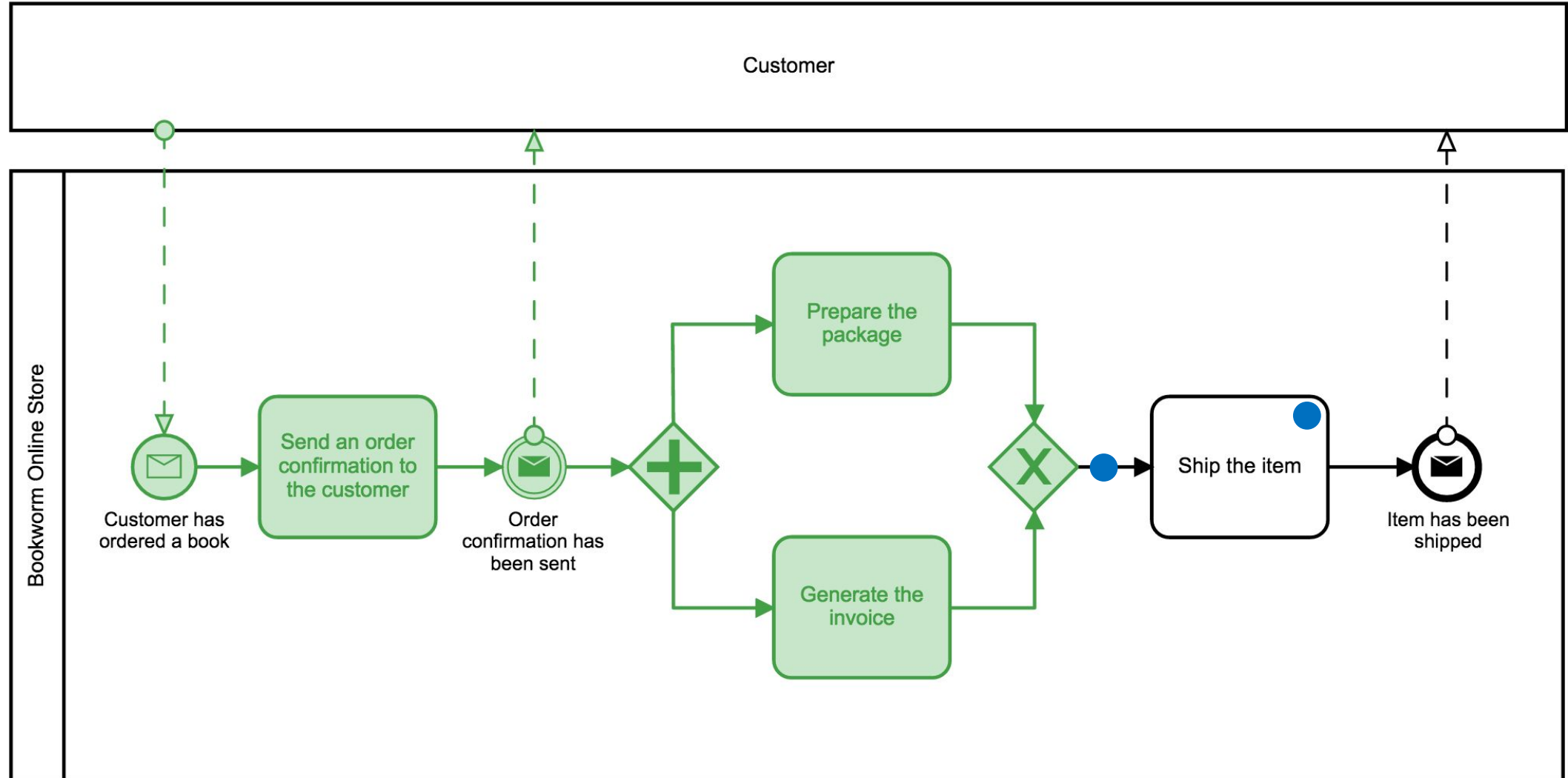


# The Multi-Merge

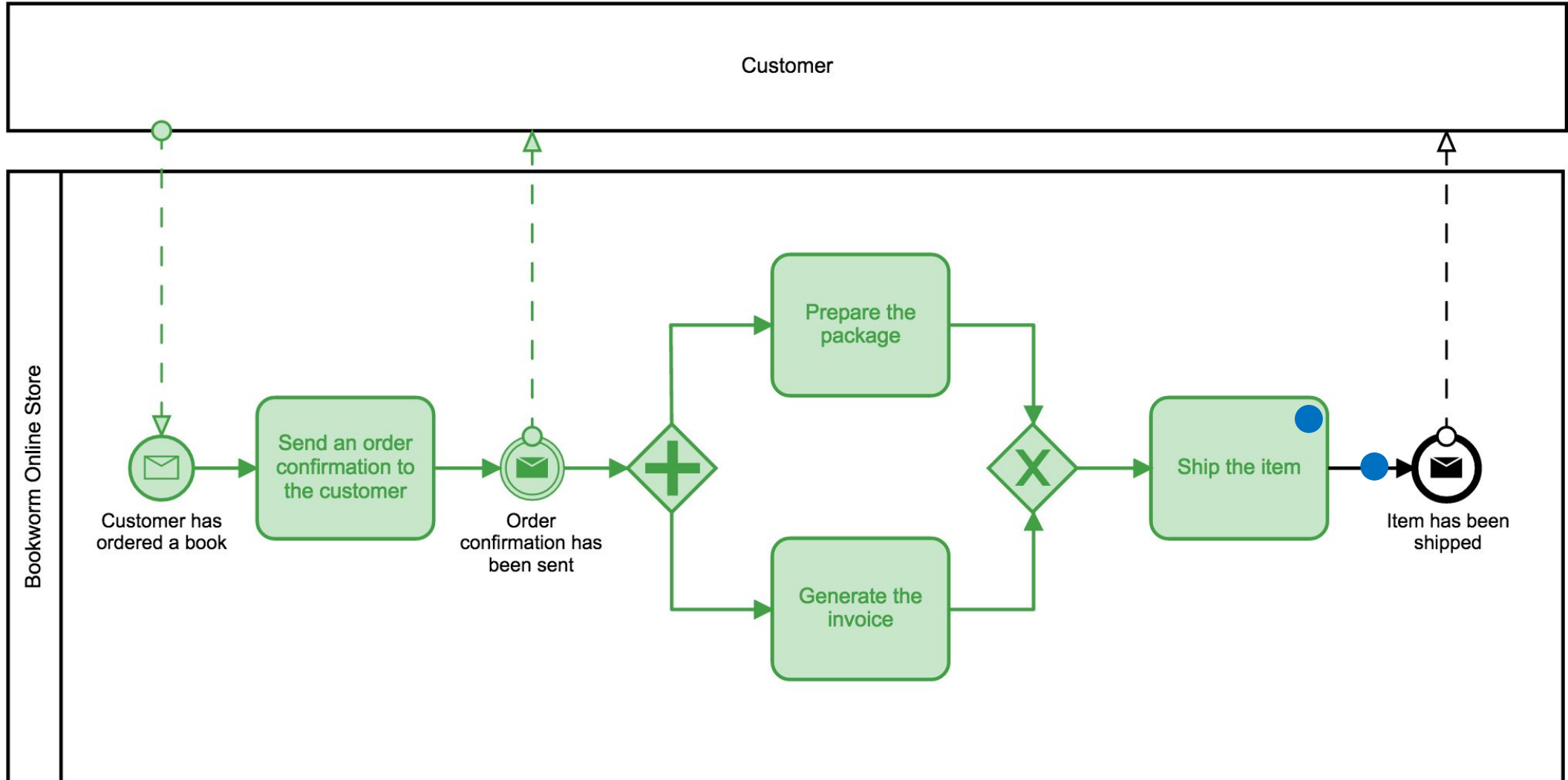




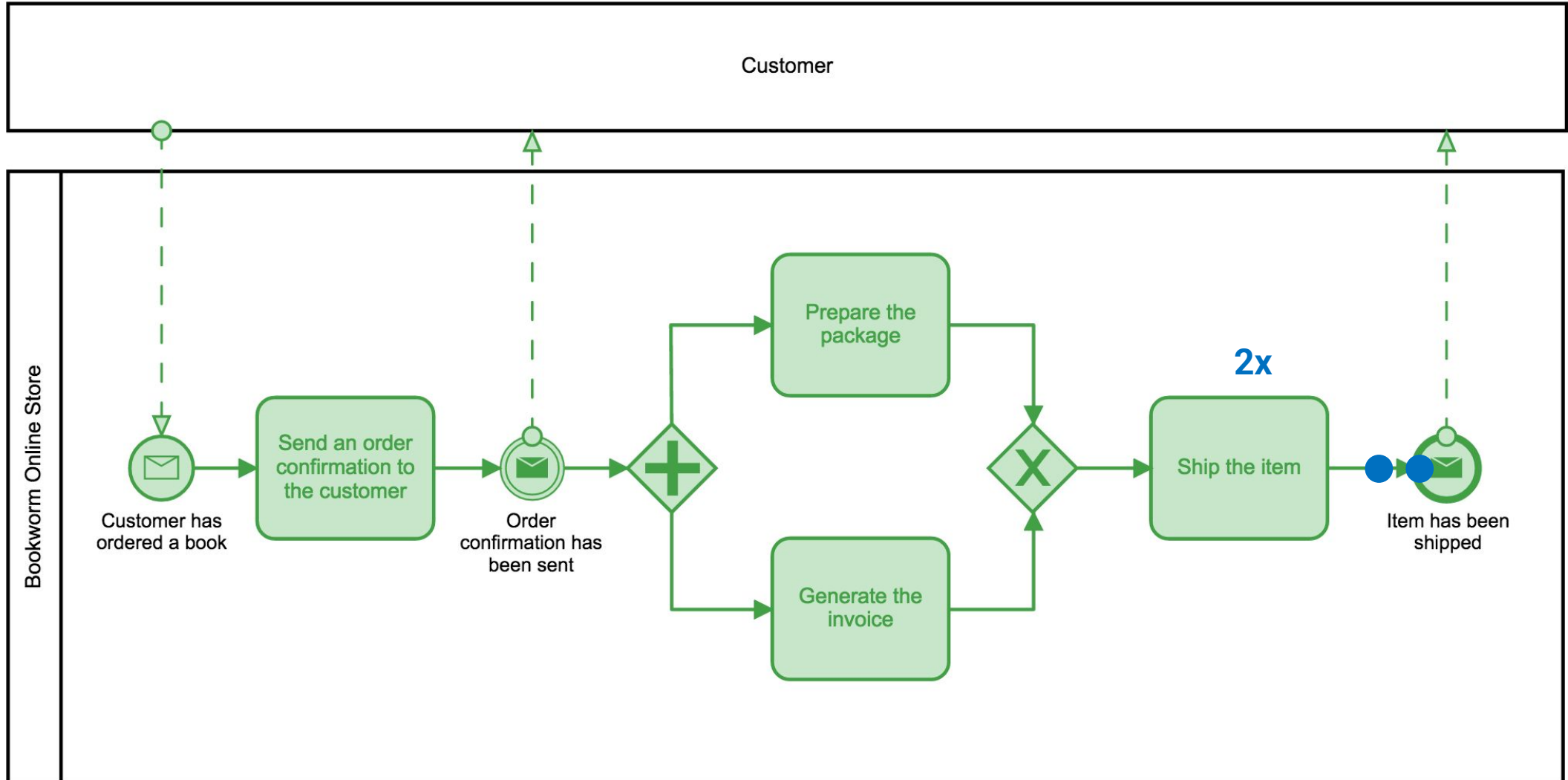
# The Multi-Merge



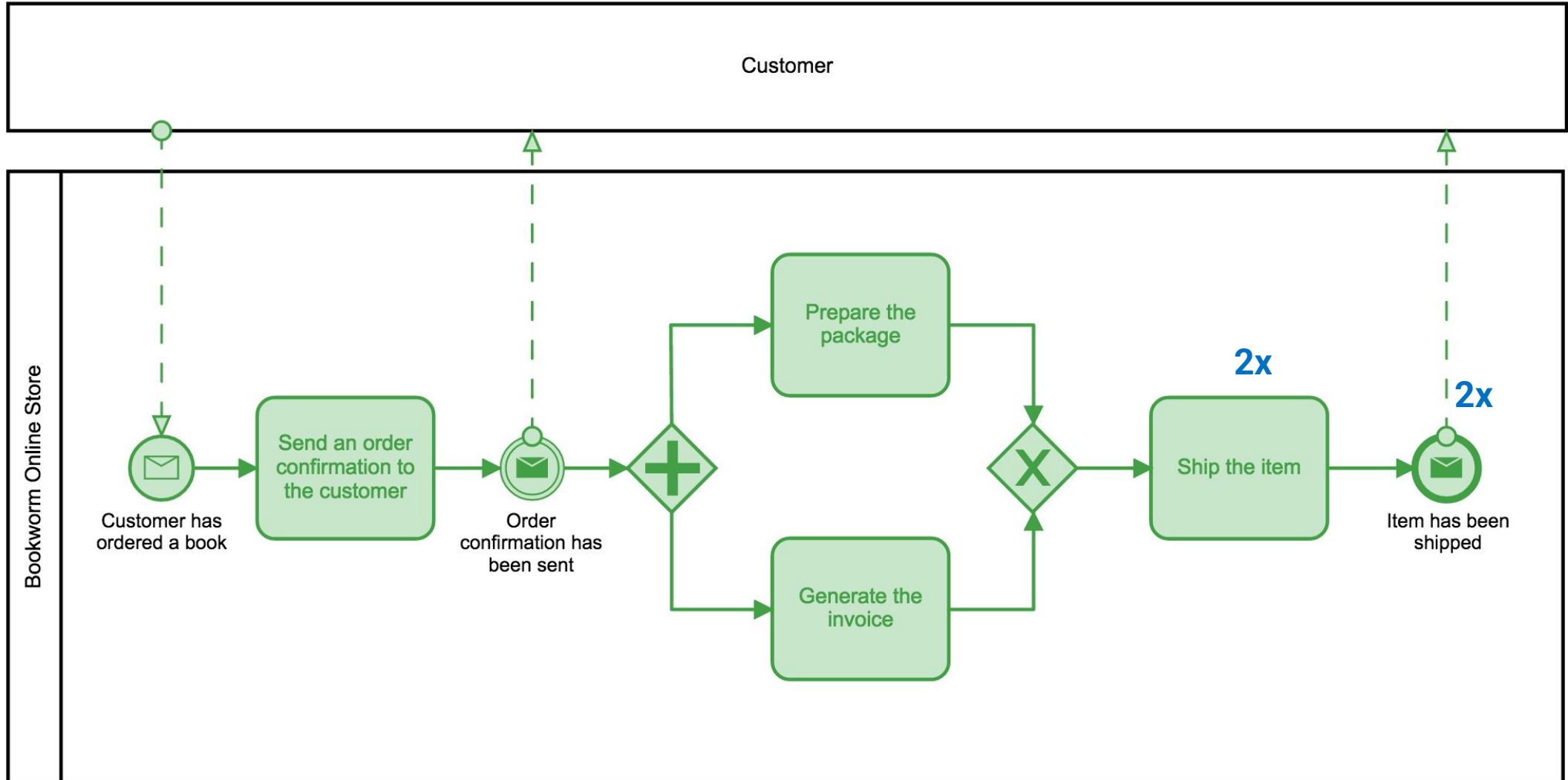
# The Multi-Merge



# The Multi-Merge



# The Multi-Merge



# Takeaways

## Multi-merge

- Technically correct
- Affects expressiveness of process model.
- Multiple tokens circulate

## Deadlock

- Technically incorrect
- Process becomes incompletionable.
- Token gets stuck

# Want More Than Just Slides?

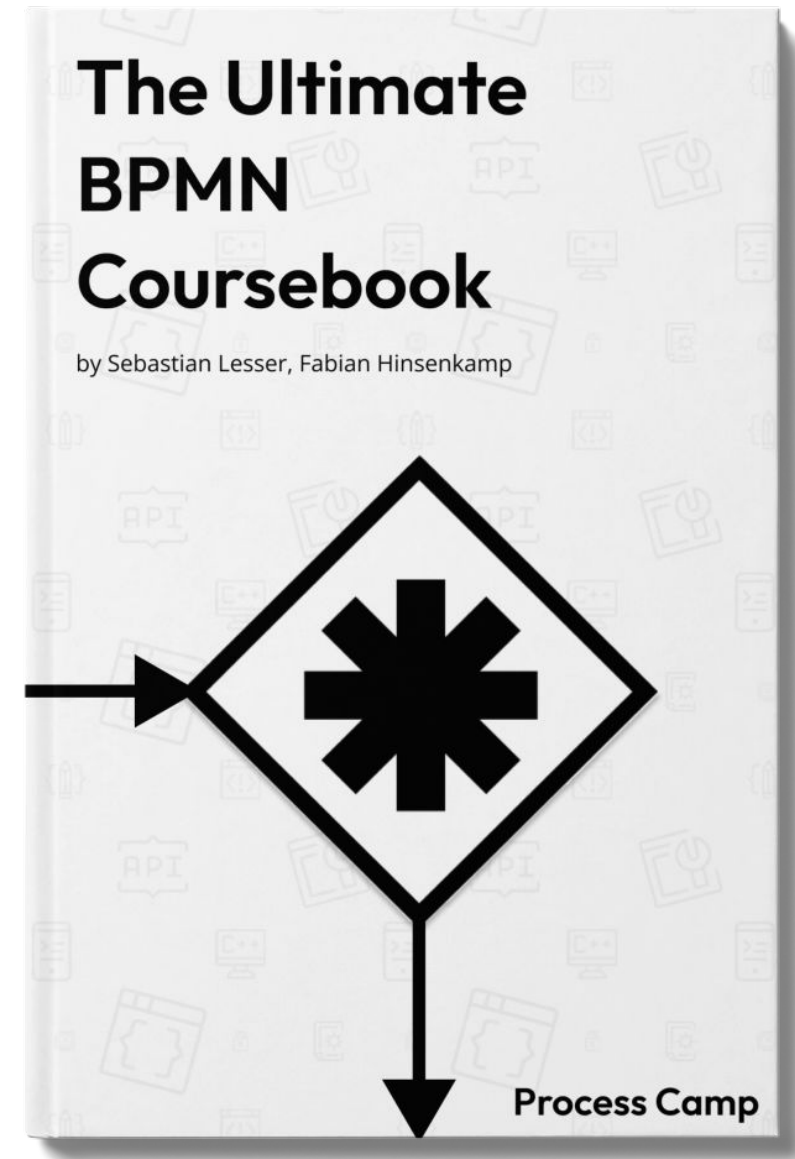
The Course Book for the Ultimate BPMN Course is your all-in-one resource for mastering BPMN.

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