



# How to test APIs with Postman

Postman in the right way







Facebook interface for the page **somkiat.cc**. The top navigation bar includes the Facebook logo, the page name **somkiat.cc**, a search icon, and user profile icons for **Somkiat** and **Home**. The main navigation bar features **Page**, **Messages**, **Notifications** (with a red badge showing 3), **Insights**, **Publishing Tools**, **Settings**, and **Help**.

The page content area displays a large video of a man in a white Superman t-shirt with "SOMKIAT.CC" printed on it, posing against a white wall. A smaller thumbnail of the same video is shown in the left sidebar. The sidebar also includes the page name **somkiat.cc**, the handle **@somkiat.cc**, and a menu with **Home**, **Posts**, **Videos**, and **Photos**.

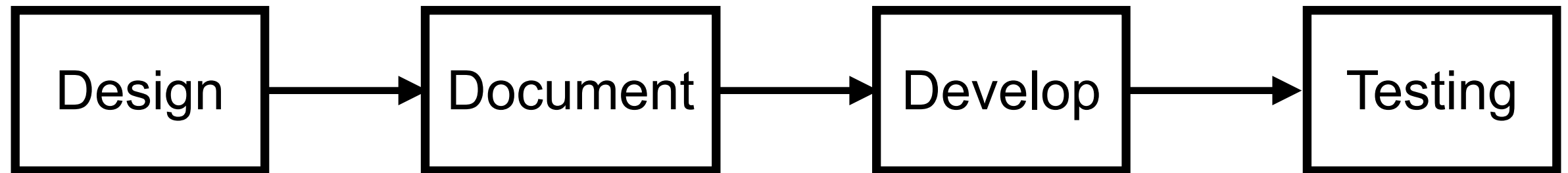
Below the video, there are interaction buttons: **Liked**, **Following**, **Share**, and a three-dot menu. A blue call-to-action button **+ Add a Button** is also present. A blue tooltip message reads: "Help people take action on this Page."



# Postman in the right way



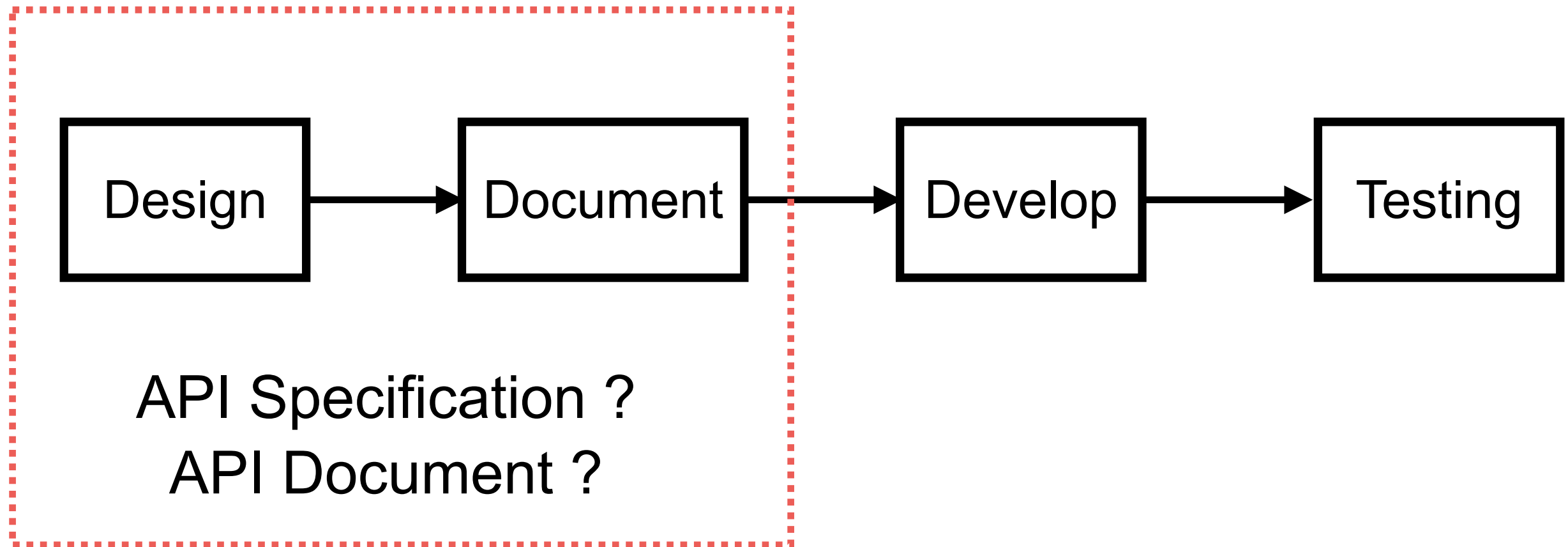
# Software Delivery Process



# API Development

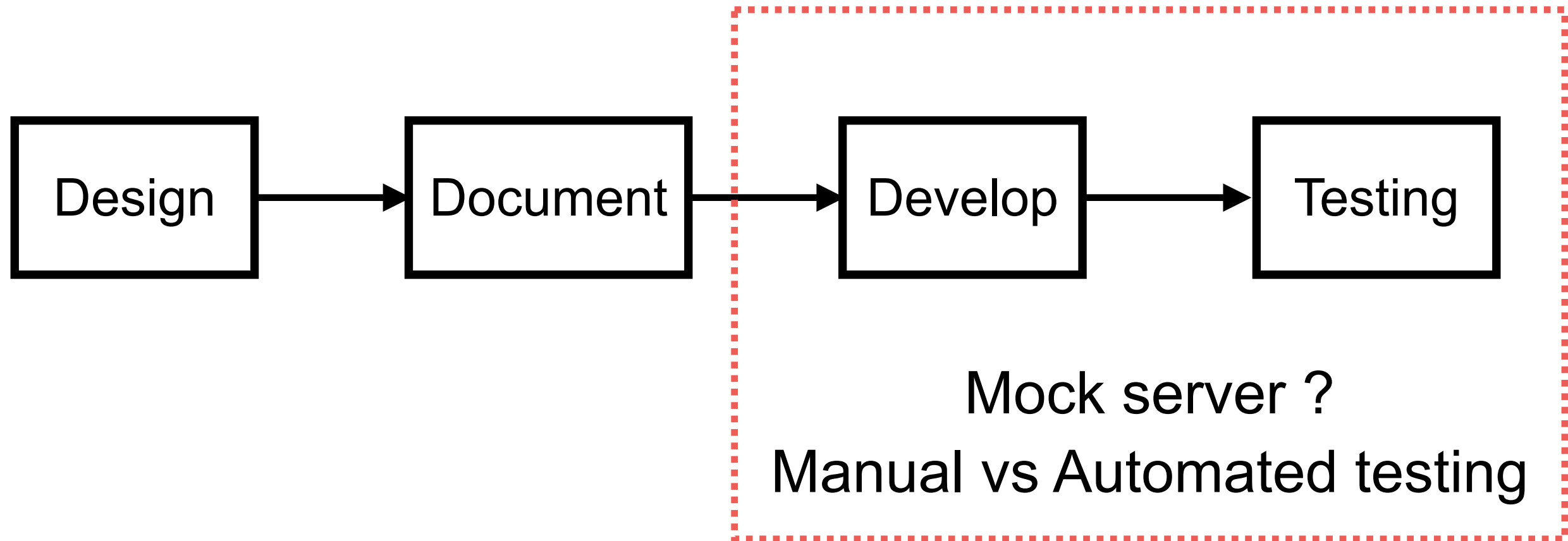


# APIs

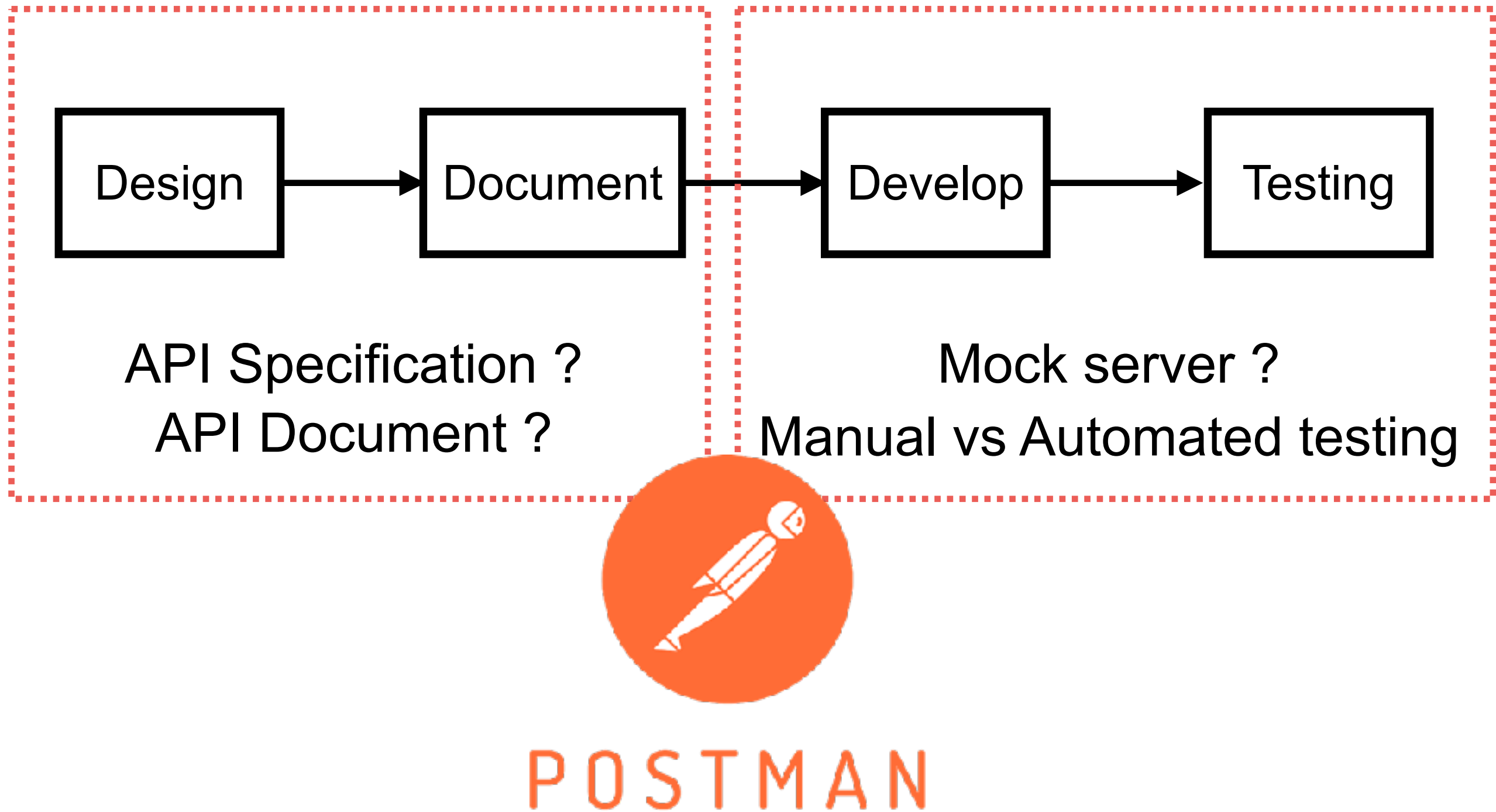




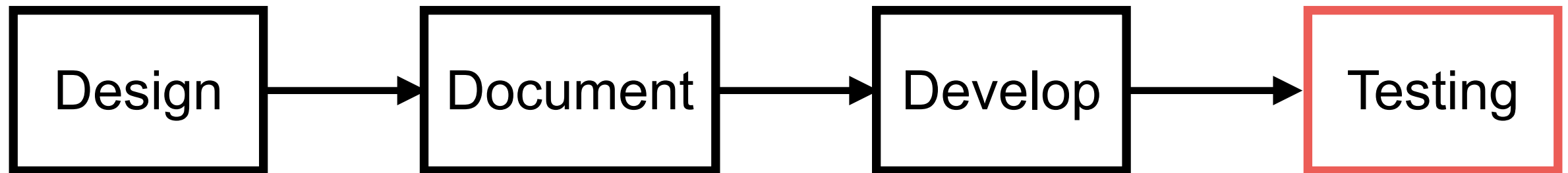
# APIs



# Working with Postman



# ทำก่อนคิด (ทดสอบอย่างไร)



# คิดก่อนทำ



Why and What to test ?

Validation  
Verification



# High Quality



Why and What to test ?

Validation  
Verification



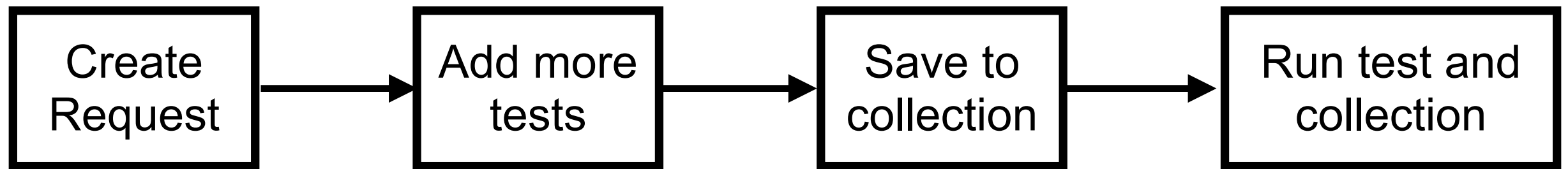
POSTMAN



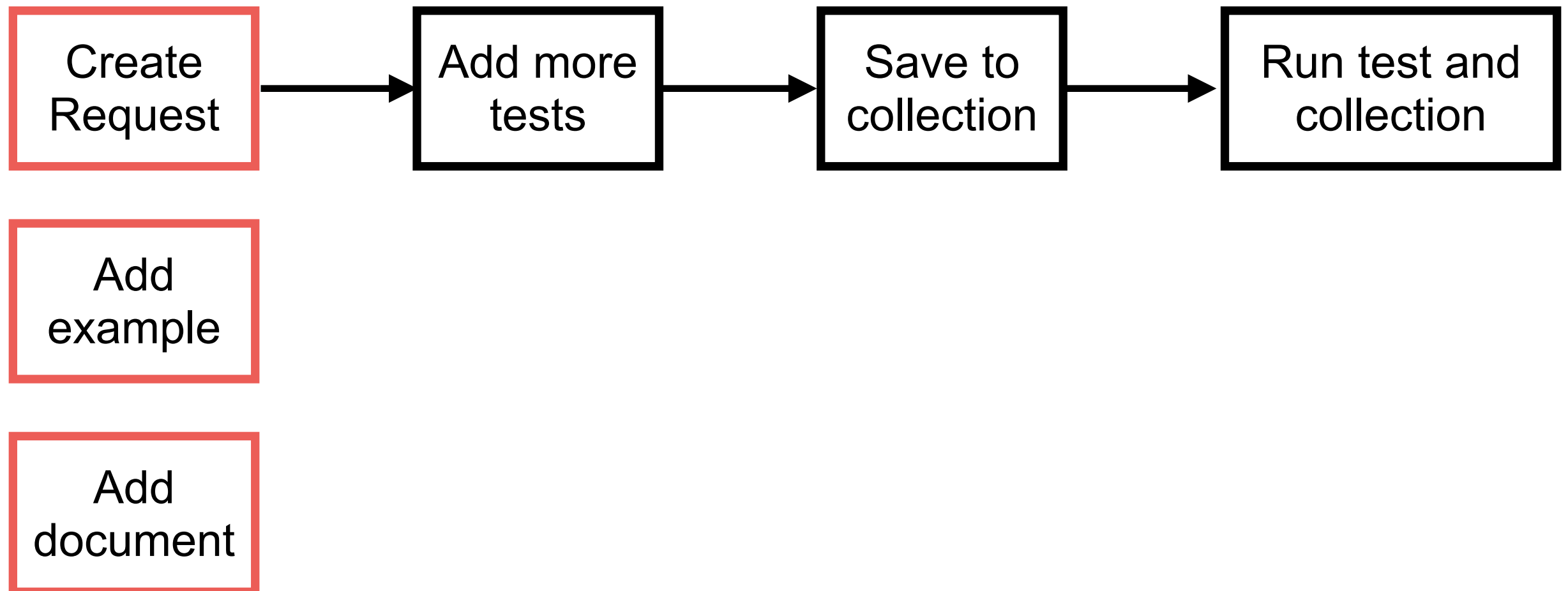
# Demo time



# Simple Process



# Design first with Postman



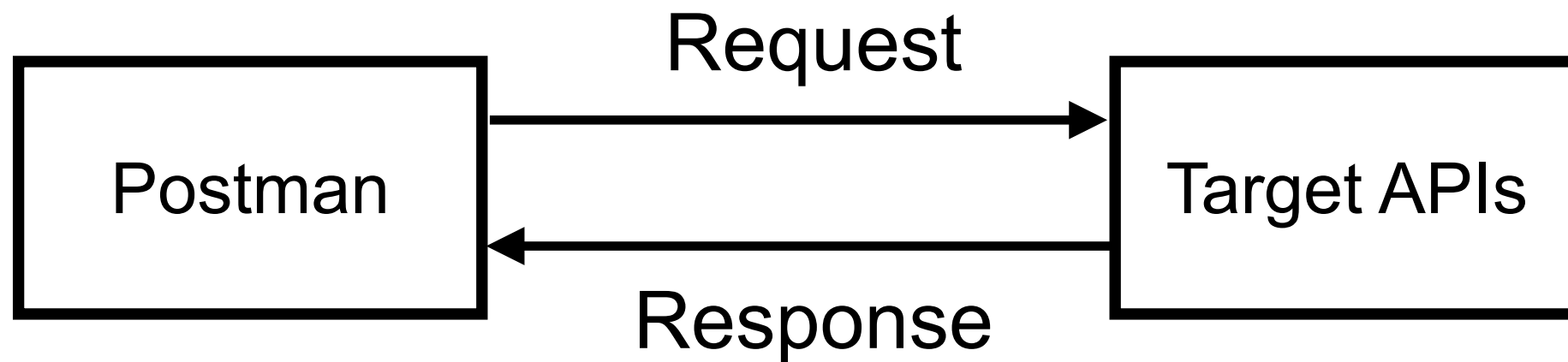


# Add more tests !!



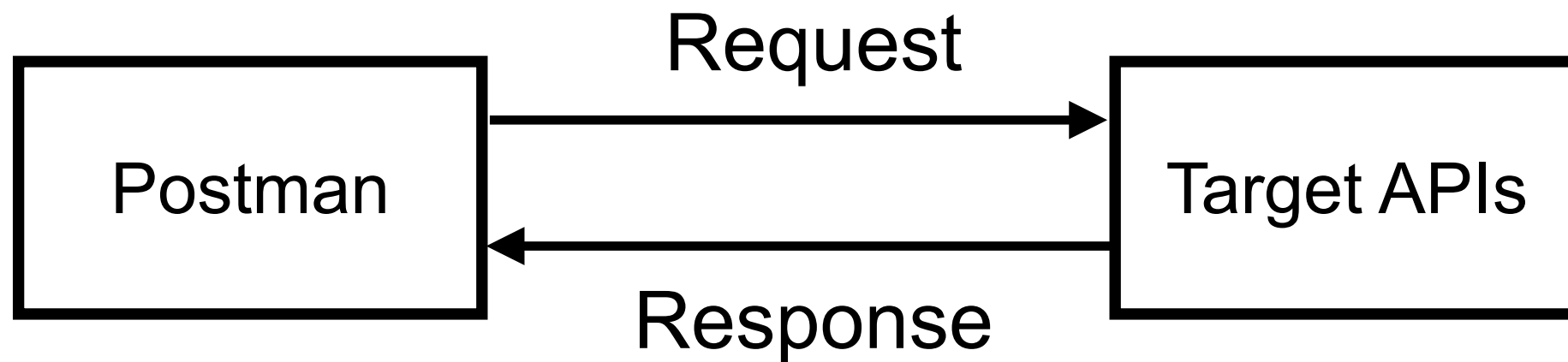
# Why and What to test ?

Thinking about testing (API)



# Why and What to test ?

Thinking about testing (API)



Status code

Response  
time

Response  
body

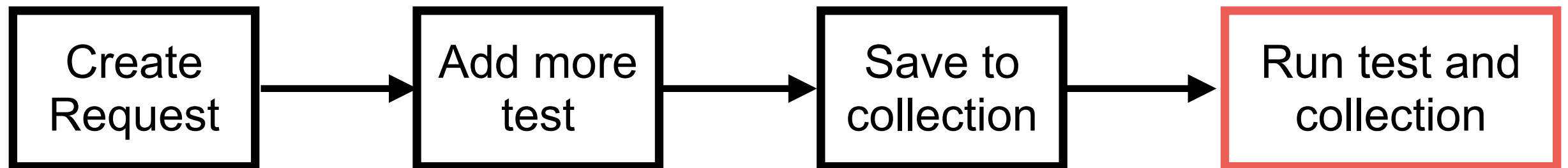
Response  
schema



# Automation process with Postman



# Testing process ?



# Testing with Postman

Collection runner

Postman CLI

**Newman CLI**



# Newman CLI

Send request and receive response

Run collections in command line

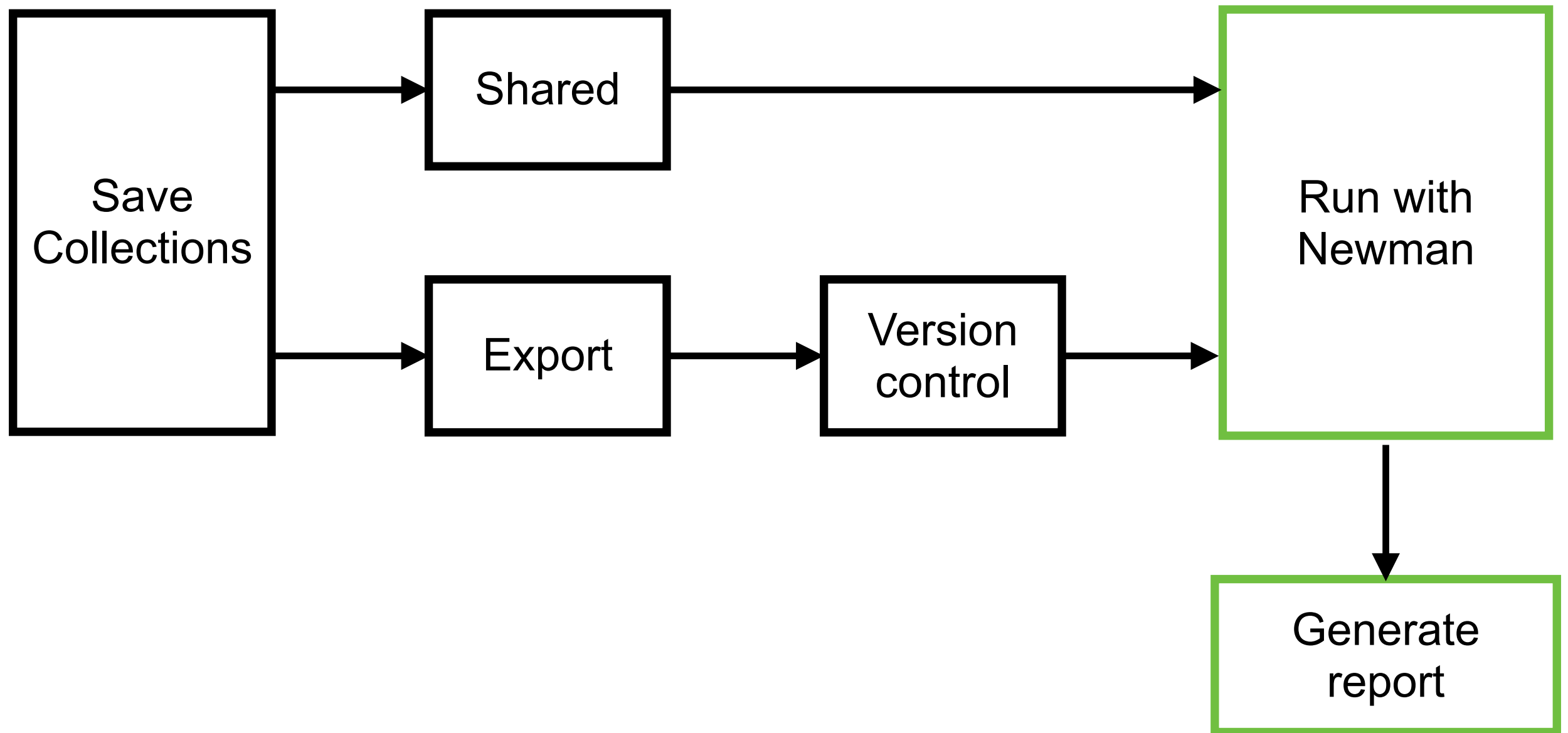
Integrate with CI/CD tools

***\$npm install -g newman***

<https://github.com/postmanlabs/newman>



# Working with Newman





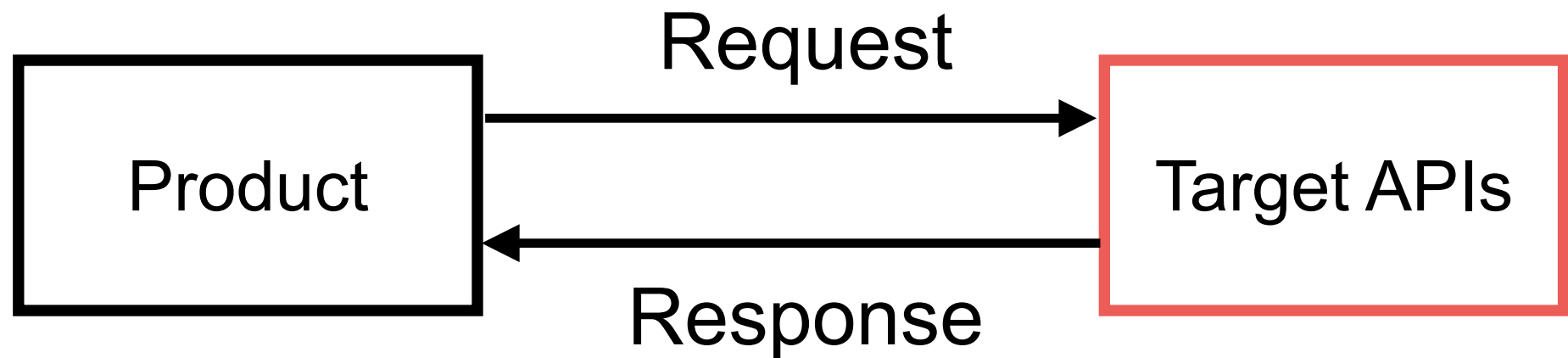
# Demo time



# Mock Server



# Problems ?



Unstable !!

Developing !!

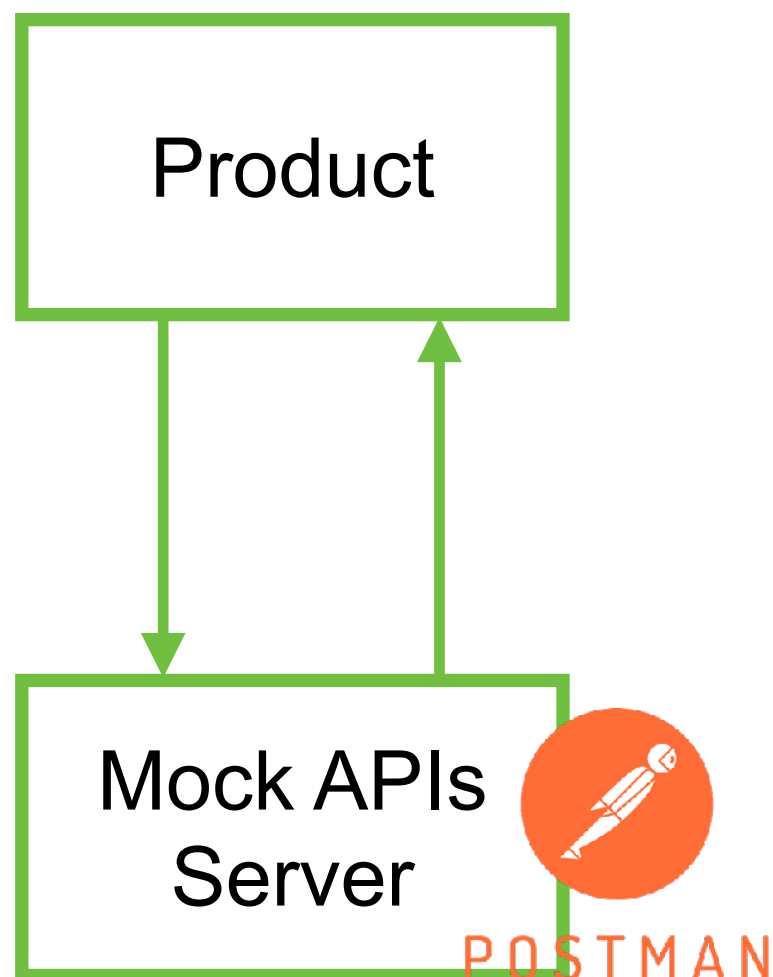
Slow !!

Flaky testing !!

<https://learning.postman.com/docs/designing-and-developing-your-api/mocking-data/setting-up-mock/>



# Mock Server with Postman



Target APIs

Unstable !!  
Developing !!  
Slow !!  
Flaky testing !!

<https://learning.postman.com/docs/designing-and-developing-your-api/mocking-data/setting-up-mock/>



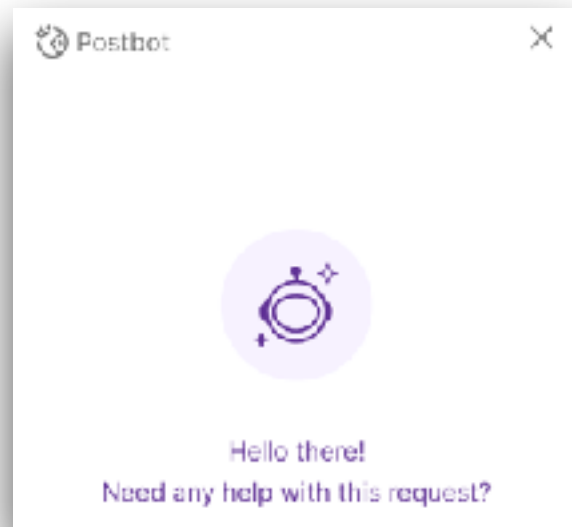
# More features



# Demo time



# More features



AI assistant for API testing



Postman interceptor



Working with OpenAPI/Swagger



# Summary





# Better delivery process

Shift left testing in development process

Think about testing

Fast feedback

High quality

Working as a team



# Q/A

## ***Be Skilled Software Tester the Series***



Stay Tuned



<https://www.facebook.com/beSkilledSoftwareTester>

