




# How to test APIs with Postman


Postman in the right way











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 **Intro**


Software Craftsmanship

 Software Practitioner at สยามชำนานุกิจ พ.ศ. 2556


 Agile Practitioner and Technical at SPRINT3r


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Java and Bigdata

...



Facebook interface for the page **somkiat.cc**. The top navigation bar includes the Facebook logo, the page name, a search bar, and icons for Home, Messages, Notifications (3), Insights, Publishing Tools, Settings, and Help.

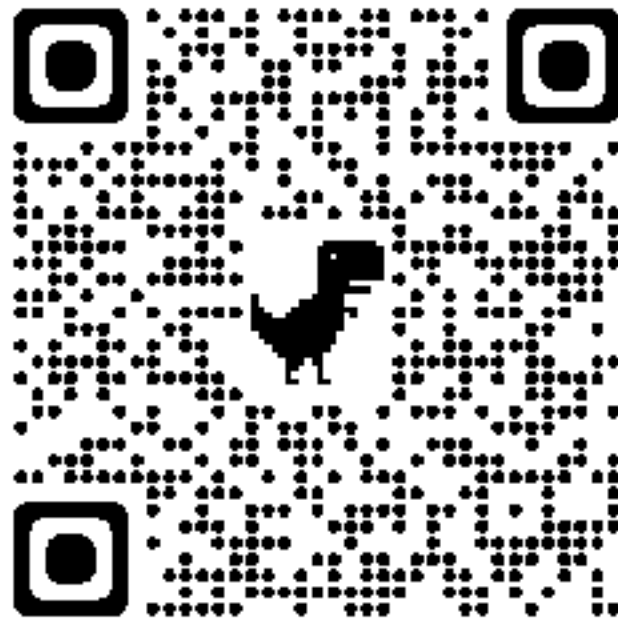
The main content area features a large video player showing a man in a white Superman t-shirt with "SOMKIAT.CC" printed on it, posing against a white background. Below the video are buttons for "Liked", "Following", "Share", and a menu icon. A blue call-to-action button labeled "+ Add a Button" is visible.

The left sidebar contains the page name **somkiat.cc**, the handle **@somkiat.cc**, and a menu with options: Home, Posts, Videos, and Photos.

A blue tooltip message reads: "Help people take action on this Page." with a close button (X).



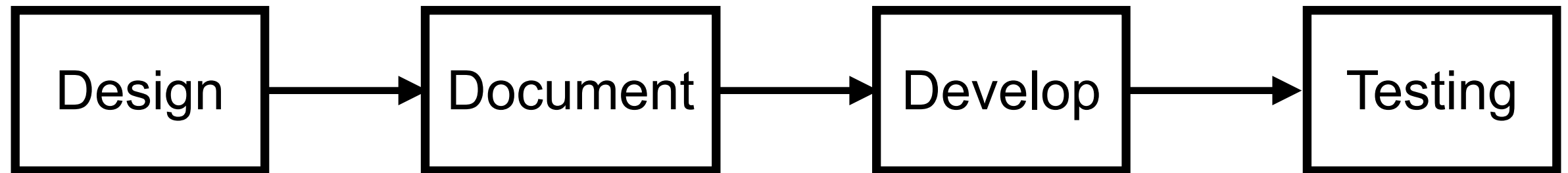
# Postman in the right way



<https://github.com/up1/workshop-postman>



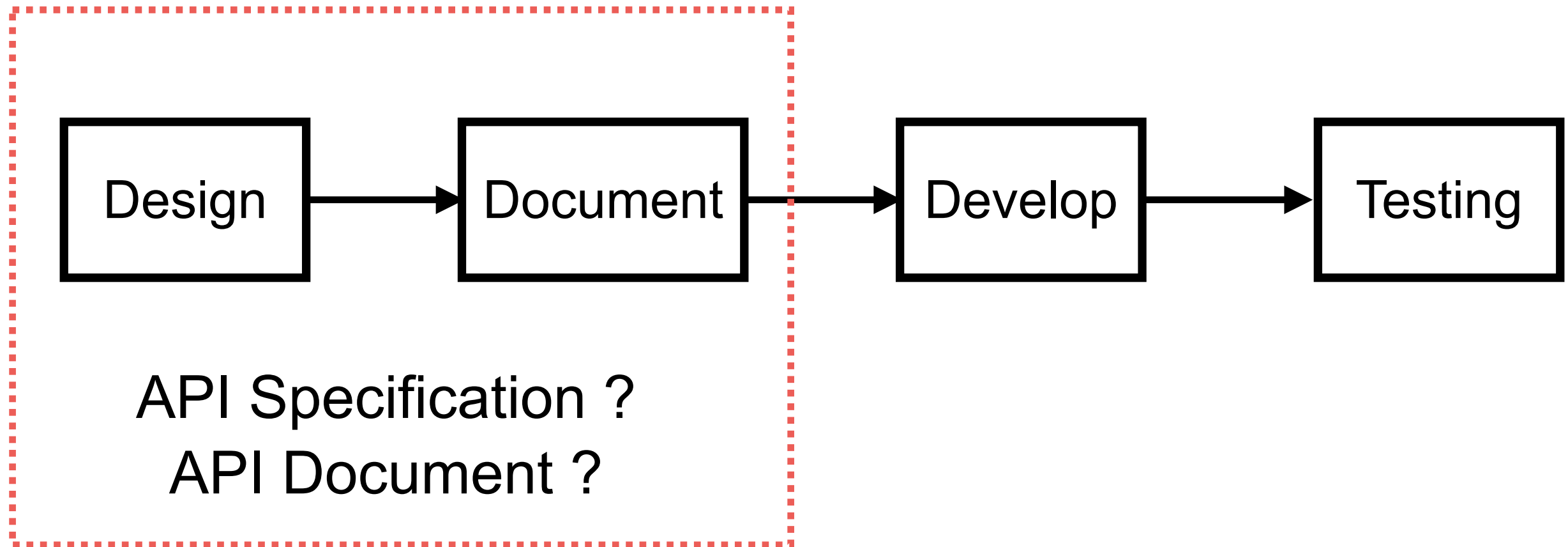
# Software Delivery Process



# API Development

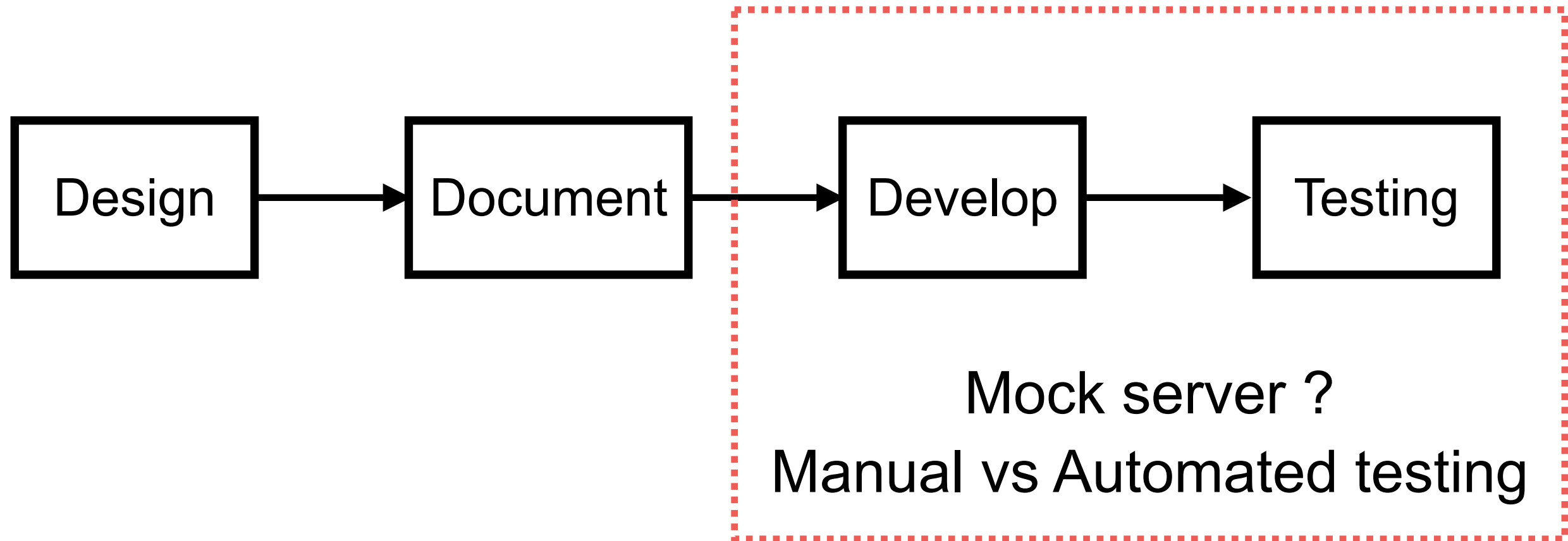


# APIs

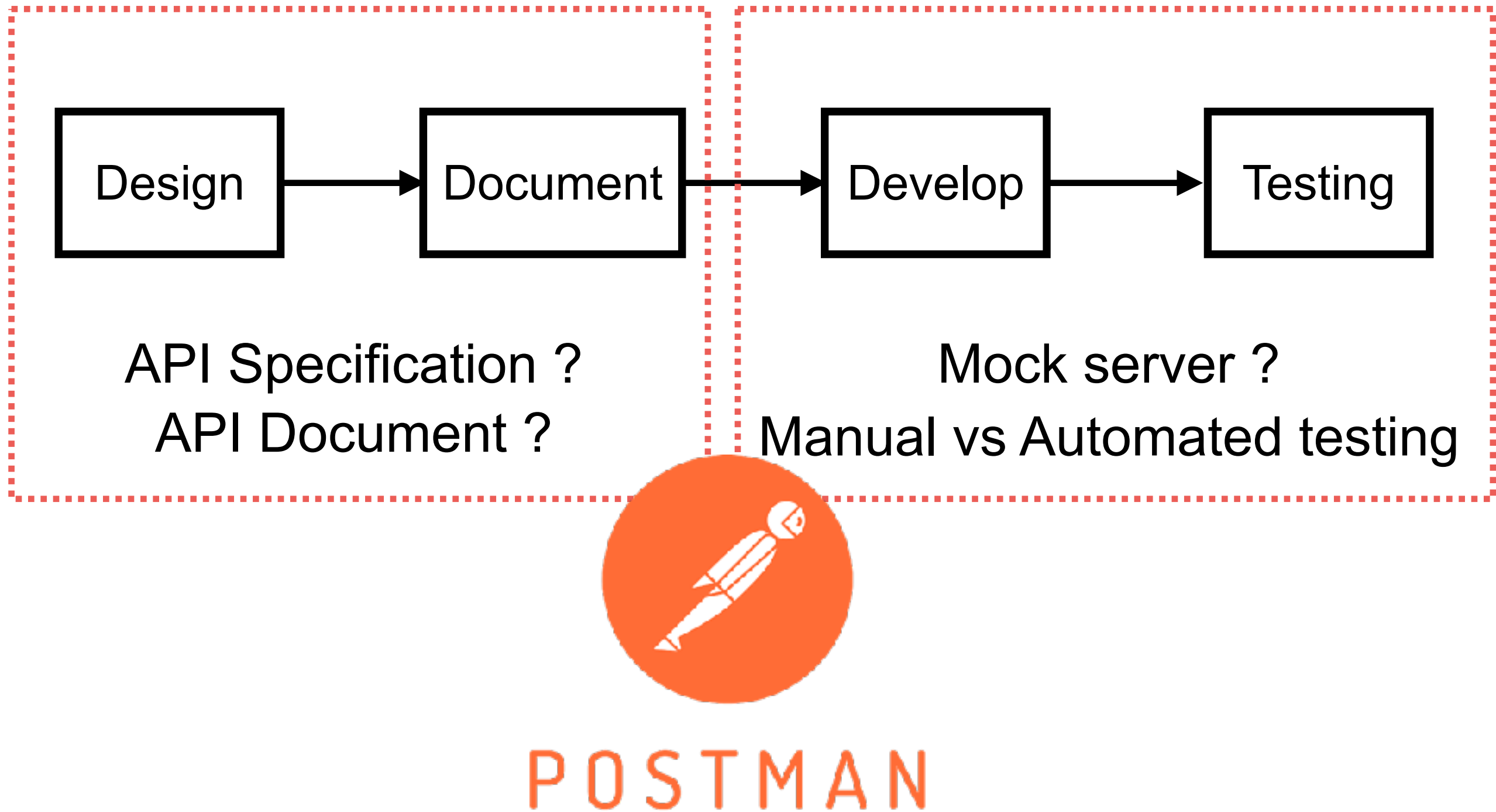




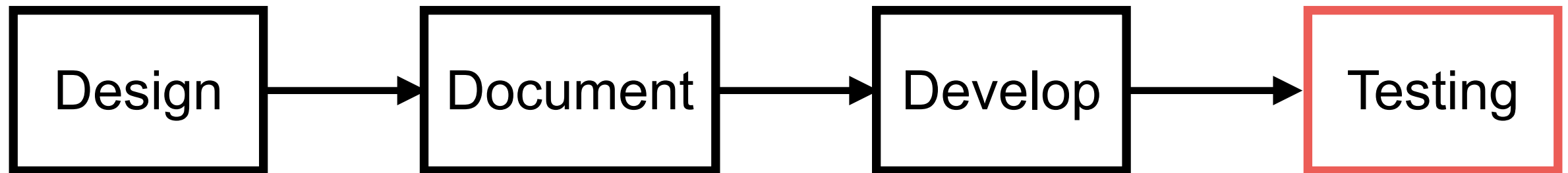
# APIs



# Working with Postman



# ทำก่อนคิด (ทดสอบอย่างไร)



# คิดก่อนทำ



Why and What to test ?

Validation  
Verification



# High Quality



Why and What to test ?

Validation  
Verification



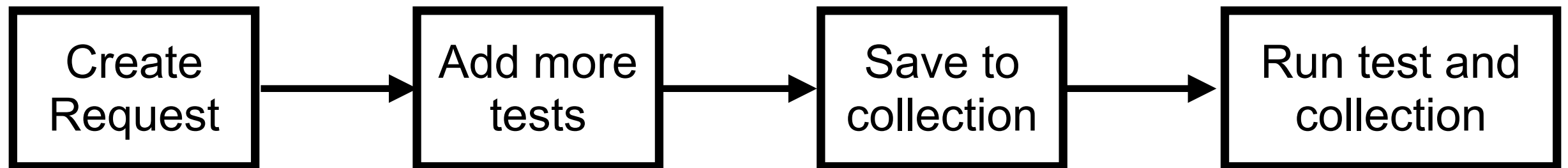
POSTMAN



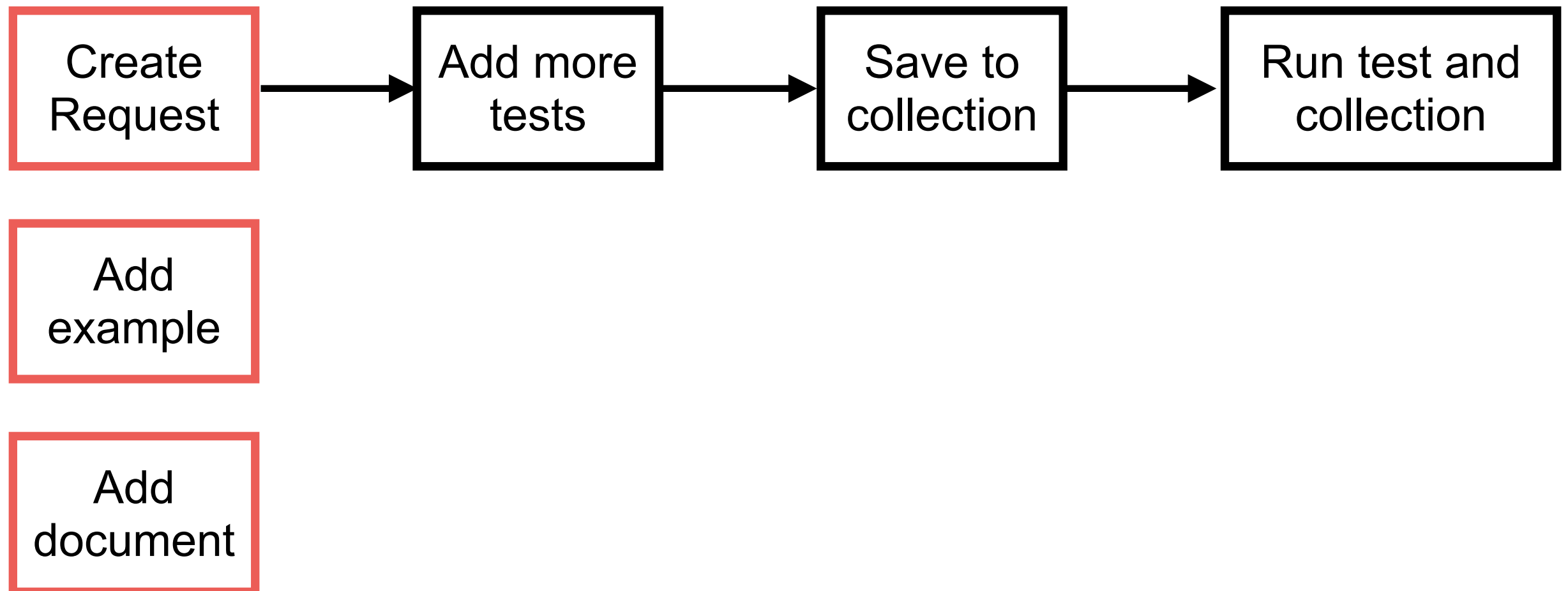
# Demo time



# Simple Process



# Design first with Postman



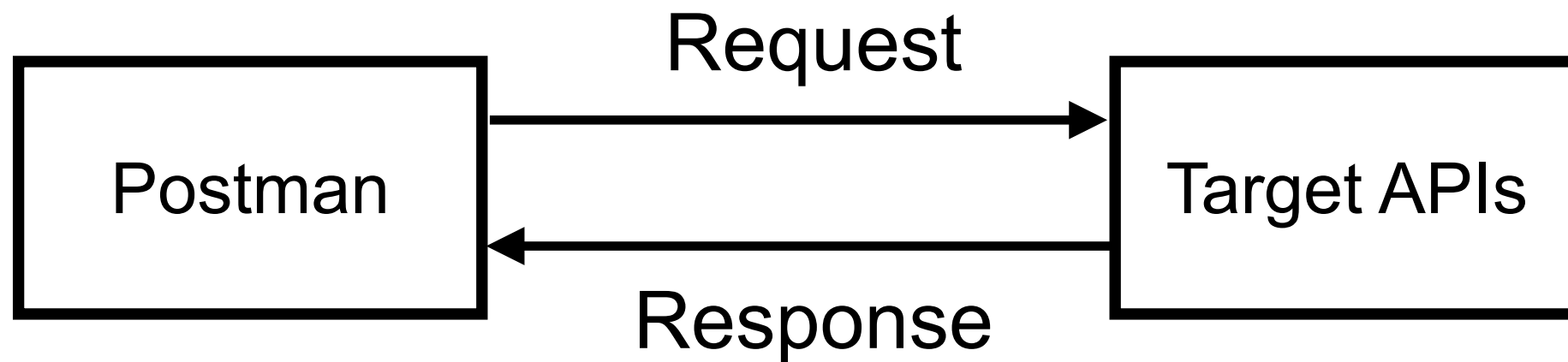


# Add more tests !!



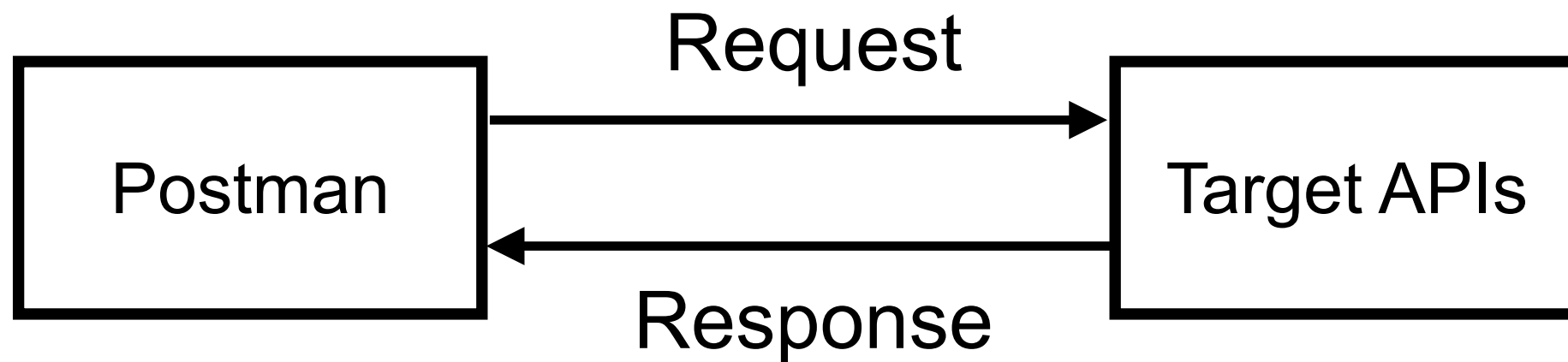
# Why and What to test ?

Thinking about testing (API)



# Why and What to test ?

Thinking about testing (API)



Status code

Response  
time

Response  
body

Response  
schema



# Add test cases in request and collections

**JavaScript**



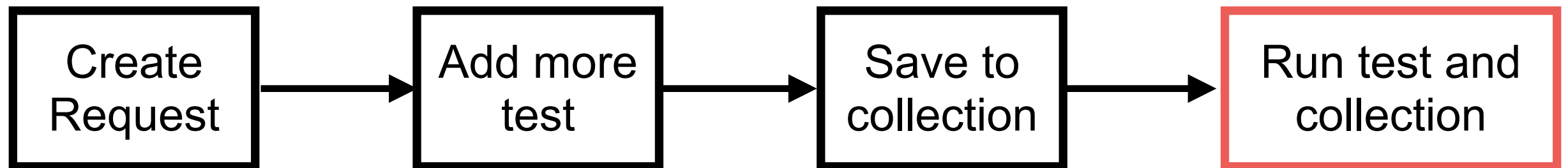
<https://learning.postman.com/docs/writing-scripts/test-scripts/>



# 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

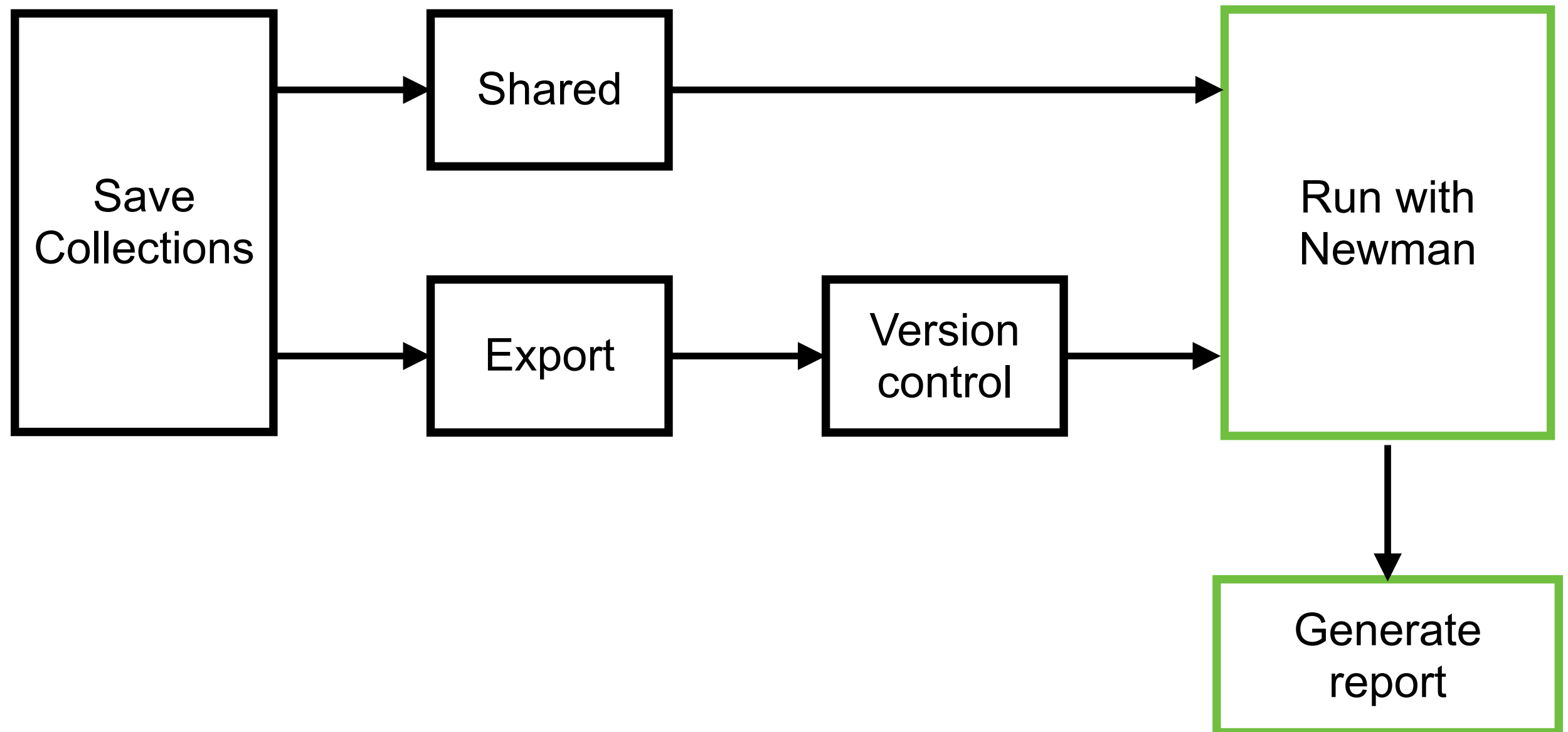
***\$npm install -g newman***

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





# Working with Newman



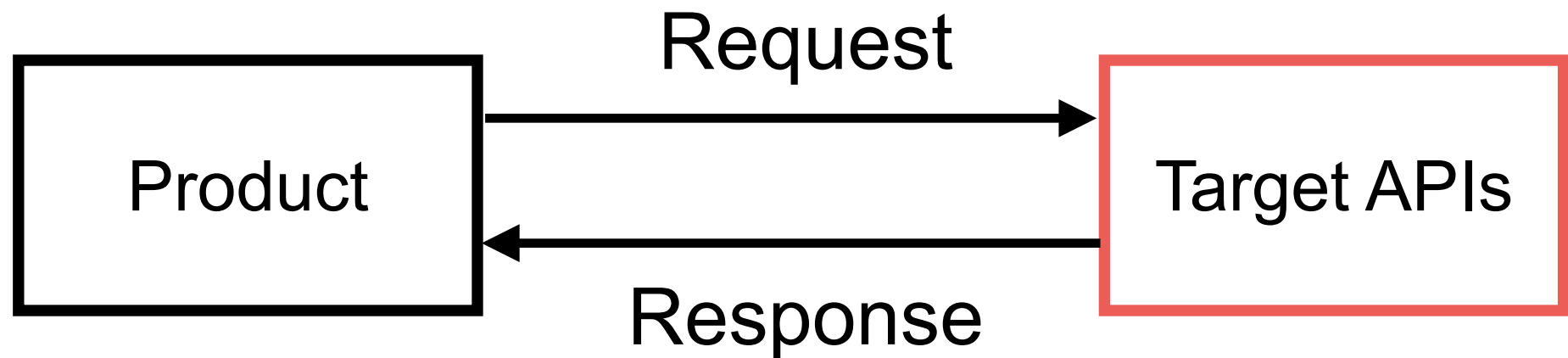
# Demo time



# Mock Server



# Problems ?



Unstable !!

Developing !!

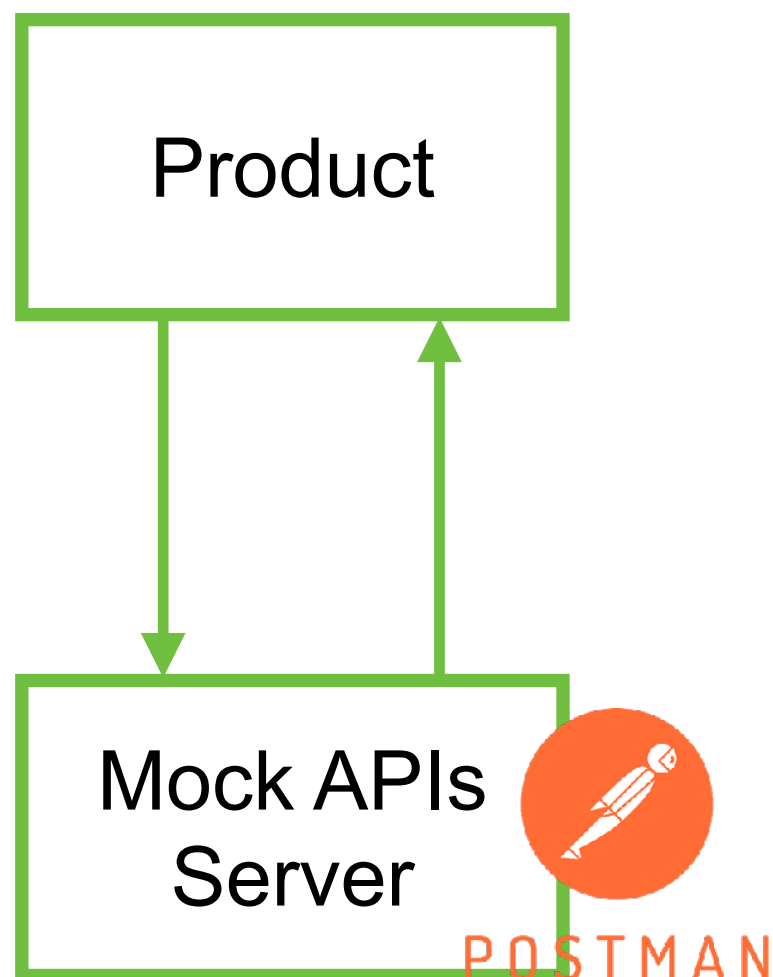
Slow !!

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/>



# Demo time



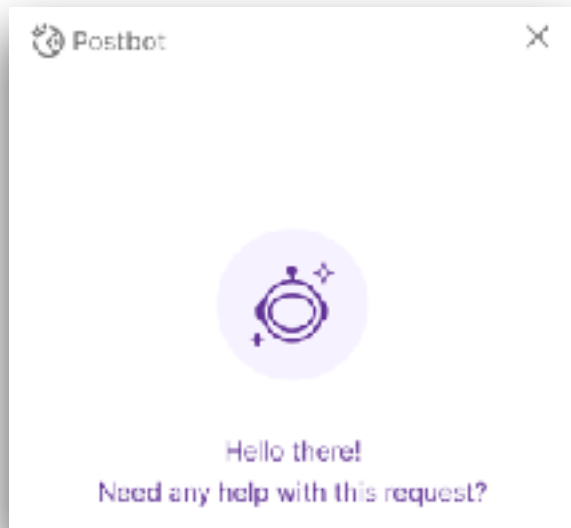
# More features



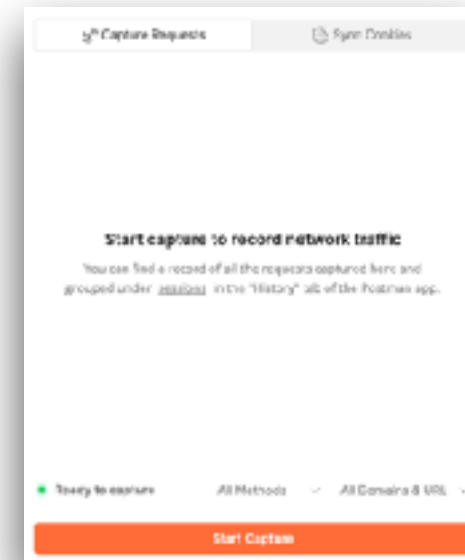
POSTMAN



# More features



AI assistant for API testing



Postman interceptor



Working with OpenAPI/Swagger



Postman extension in VSCode





# Summary



# Better delivery 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>

