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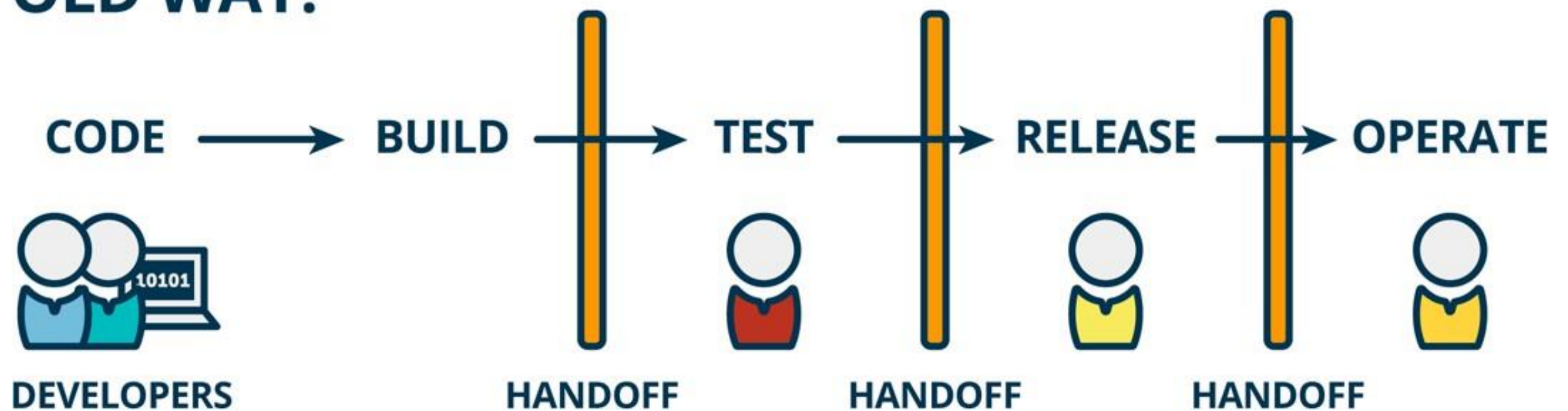
What is
DevOps?



DevOps is a set of practices intended to reduce the time between committing a change to a system and the change being placed into normal production, while ensuring high quality.

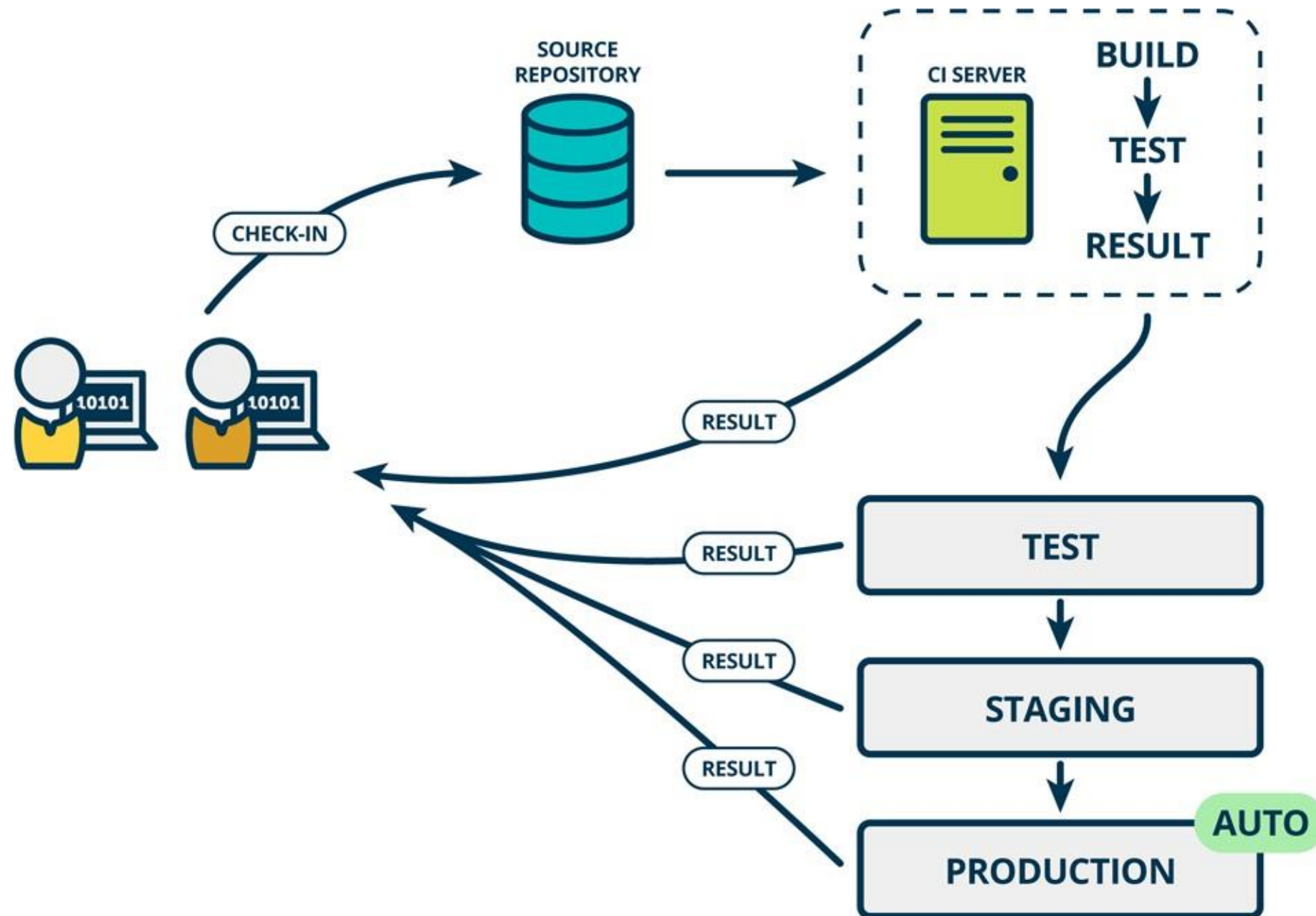
Checkin to release => it takes ages!

OLD WAY:



how many weeks, months, or years?!!

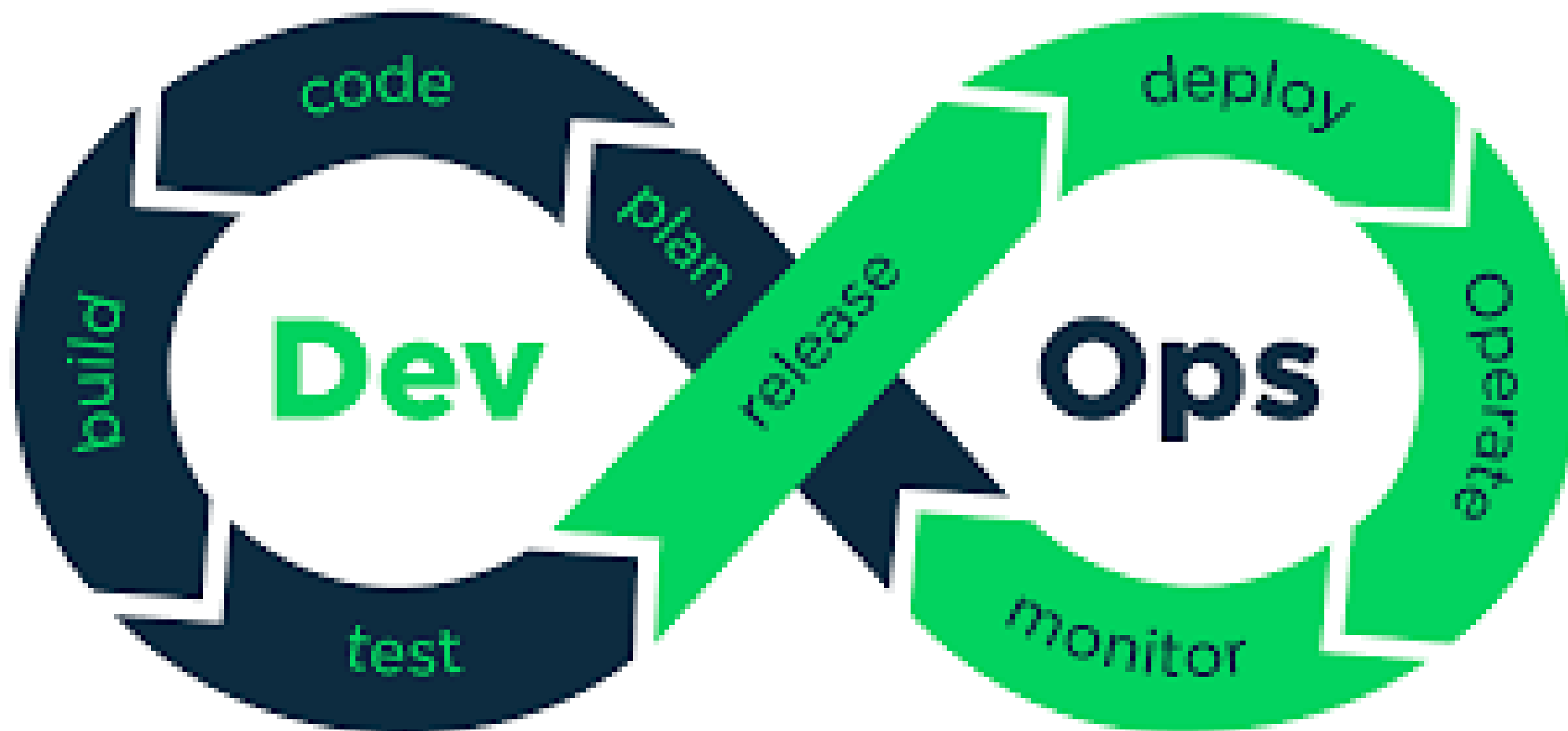
DevOps: Lightning fast!





Dev

Ops



DevOps Tools Ecosystem 2021



Build

SCM & VCS



Test

Browser



Load / Performance



Deploy

Configuration Management



Run

Containers



Orchestration



Compute



Monitor

Time-Series Metrics



Big Data



Cloud Cost



Unstructured Data

Application Errors



Application (APM)



Observability



Cloud Infrastructure



Traditional Infrastructure



Network



Manage

AI/ops



Service Desk



Project Management



CRM Helpdesk



Notify

Escalate



Collaboration



Software Delivery Platform (CI/CD)



Continuous Integration



Continuous Deployment



Build



Repositories



Chaos



Security



Code



Infrastructure Provisioning



Secrets Management



Serverless



Run-Time



OS



DB



CDN



DevOps Roadmap

1)Plan

Step 1: Learn a Programming language

2)Code

Step 2: Learn Tools that need to depend

3)Build

Build :

SCM : GIT, GitHub, bitbucket, TFS

4)Deploy

CICD : Jenkins

Containerization : Docker,k8s

5)Test

Step 3: Learn how to run test from CMD,CICD

6)Rebase

Step 4: learn cloud service platform AWS, Azure, GCP

7)Configure

Step 5: learn config mazement tool Chef, puppet, Ansible

8)Monitor

Step 6: learn logging & monitor New Relic, Nagios



**NOW, ARE THERE
ANY QUESTIONS?**

Thank YOU