How to save deployment time from hours to minutes

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- Layer 1 – Motivation
- Layer 2 – Value Creation
- Layer 3 – Responding to changes
- Layer 4 – Knowledge management

Continuous Integration

Deployment

Source Control

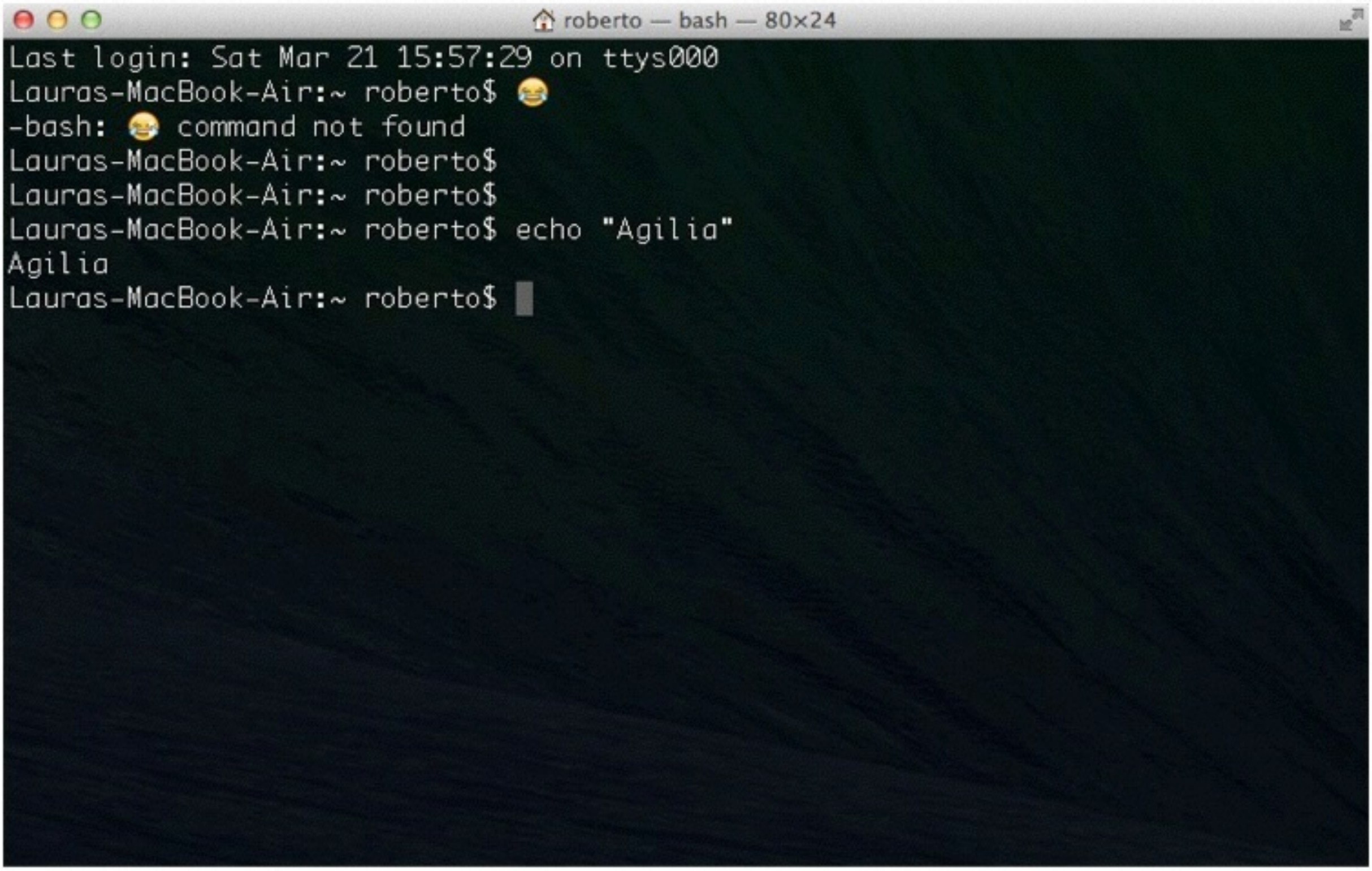
Testing

Deployment

Topology

1. Database, Activity Directory
2. App server, HTTP server
3. Instance App server 1
4. Instance App server 2

Many environments…


roberto — bash — 80×24
Last login: Sat Mar 21 15:57:29 on ttys000
Lauras-MacBook-Air:~ roberto$ 😂
-bash: 😂 command not found
Lauras-MacBook-Air:~ roberto$
Lauras-MacBook-Air:~ roberto$
Lauras-MacBook-Air:~ roberto$ echo "Agilia"
Agilia
Lauras-MacBook-Air:~ roberto$

Operations

Development

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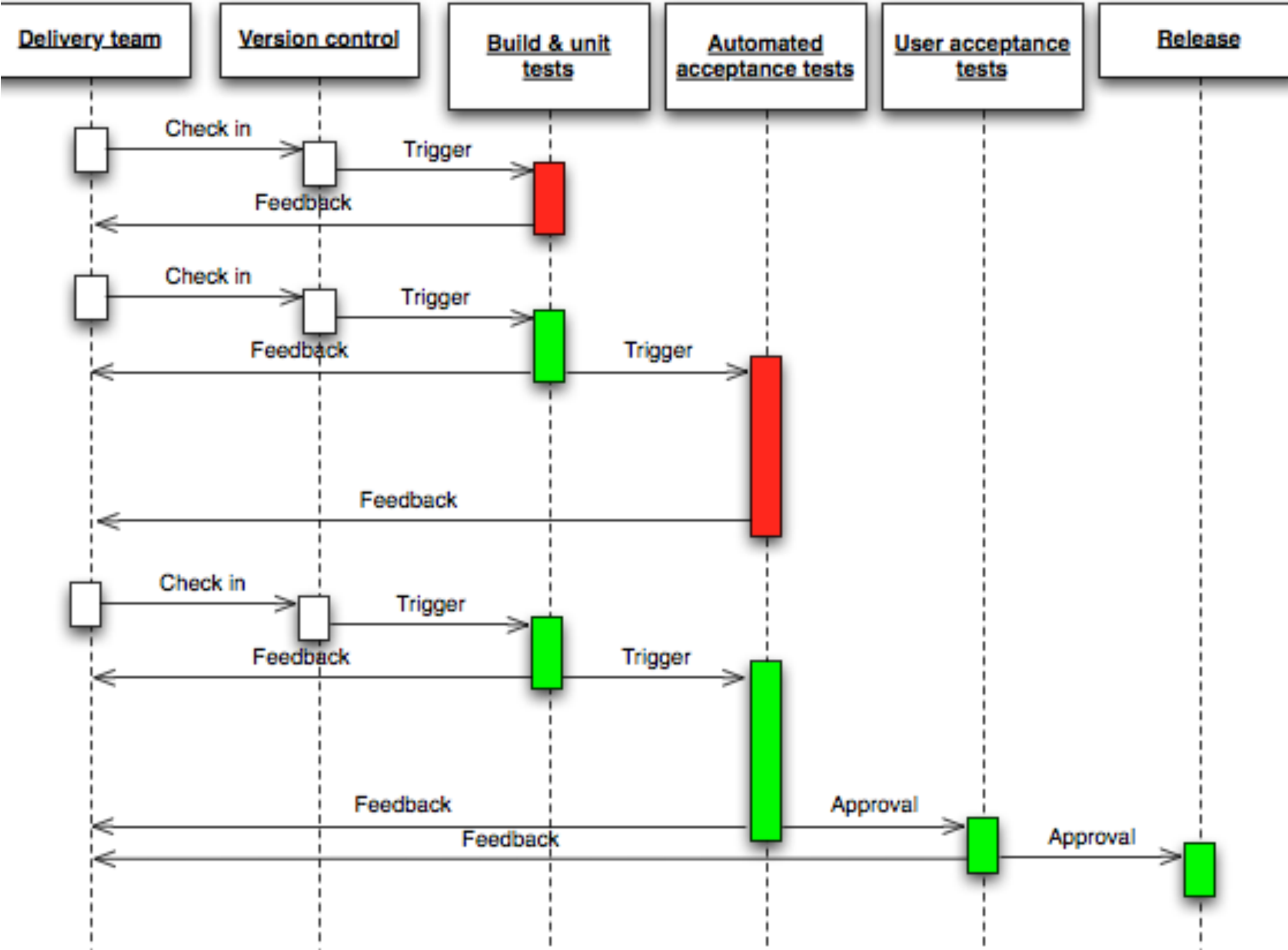
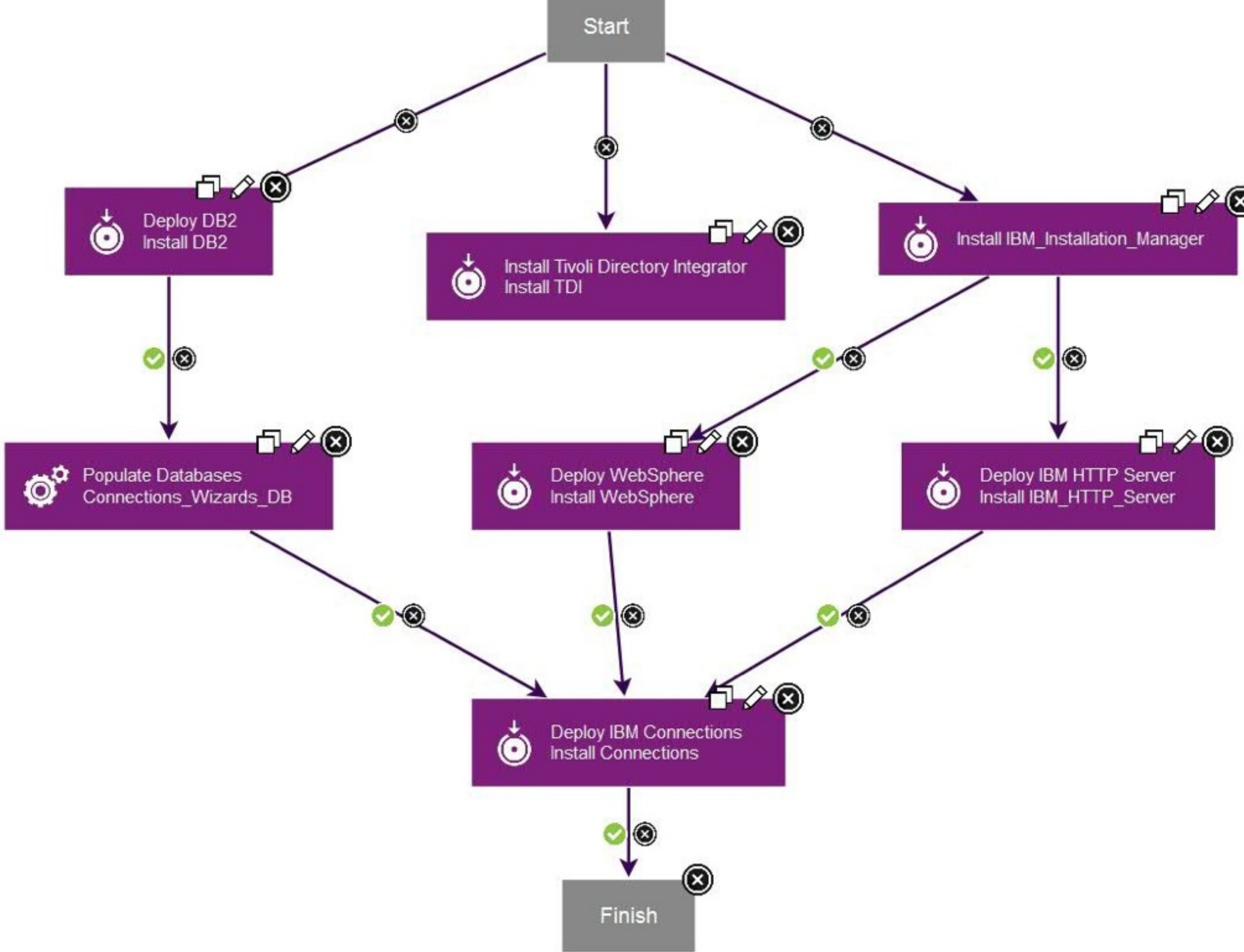
Dashboard, logs and Troubleshooting !


Delivery team
Version control
Build & unit tests
Automated acceptance tests
User acceptance tests
Release
Check in
Trigger
Feedback
Check in
Trigger
Feedback
Trigger
Feedback
Check in
Trigger
Feedback
Trigger
Feedback
Approval
Feedback
Approval


Start
Deploy DB2
Install DB2
Install Tivoli Directory Integrator
Install TDI
Install IBM_Installation_Manager
Populate Databases
Connections_Wizards_DB
Deploy WebSphere
Install WebSphere
Deploy IBM HTTP Server
Install IBM_HTTP_Server
Deploy IBM Connections
Install Connections
Finish

Eliminated 90% of manual interactions

The four steps of the improvement KATA model, Mike Rother.

1. Understand the direction and challenge
2. Grasp the Current Condition
3. Establish the next target Condition
4. Iterate Toward the target Condition

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