

# Getting Started Building Applications with Atlassian Bamboo

---

## UNDERSTANDING AUTOMATED BUILD NEEDS



**JIM WEAVER**

SOFTWARE DEVELOPER

@tenoxtweets



# What is Bamboo?

**CICD tool by Atlassian**

Continuous Integration  
and Deployment

**Automated builds**

Build, test, and deploy  
applications

**Multi-platform**

Java, .NET, PHP, Node,  
others

**DevOps tool**

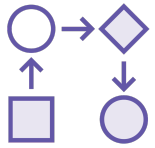
Build pipelines to go  
from dev to deployed

**Mature product**

Many features with a  
dedicated UI



# A Tool for a Complex World



Multiple components and deployable units



Multiple technologies



Multiple layers of tests and verifications



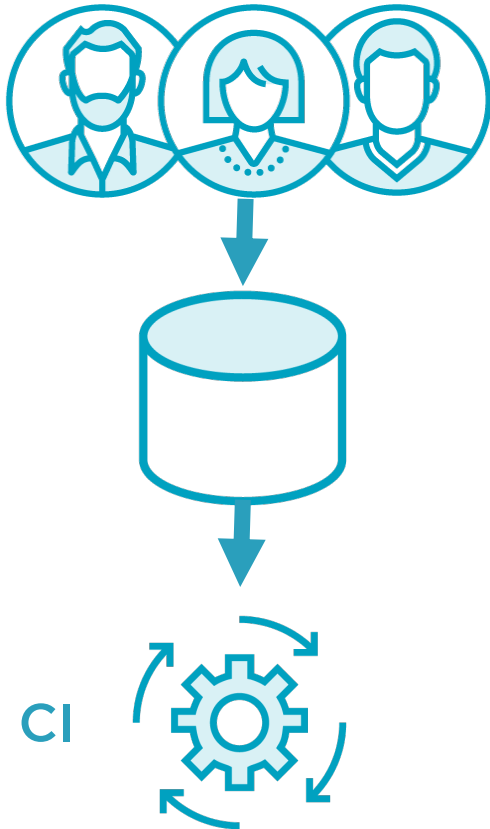
Multiple deployment targets



Multiple developers working in teams, sometimes on several branches



# Continuous Integration (CI)



**Developers push changes to source repo**

**CI tool detects changes and builds, tests, and verifies the new code**

**Automated build and test of code changes allows for frequent, small integrations**



# Continuous Integration and Feature Branching

CICD tools still help build and verify code changes even when using version control workflows that involve frequent branching

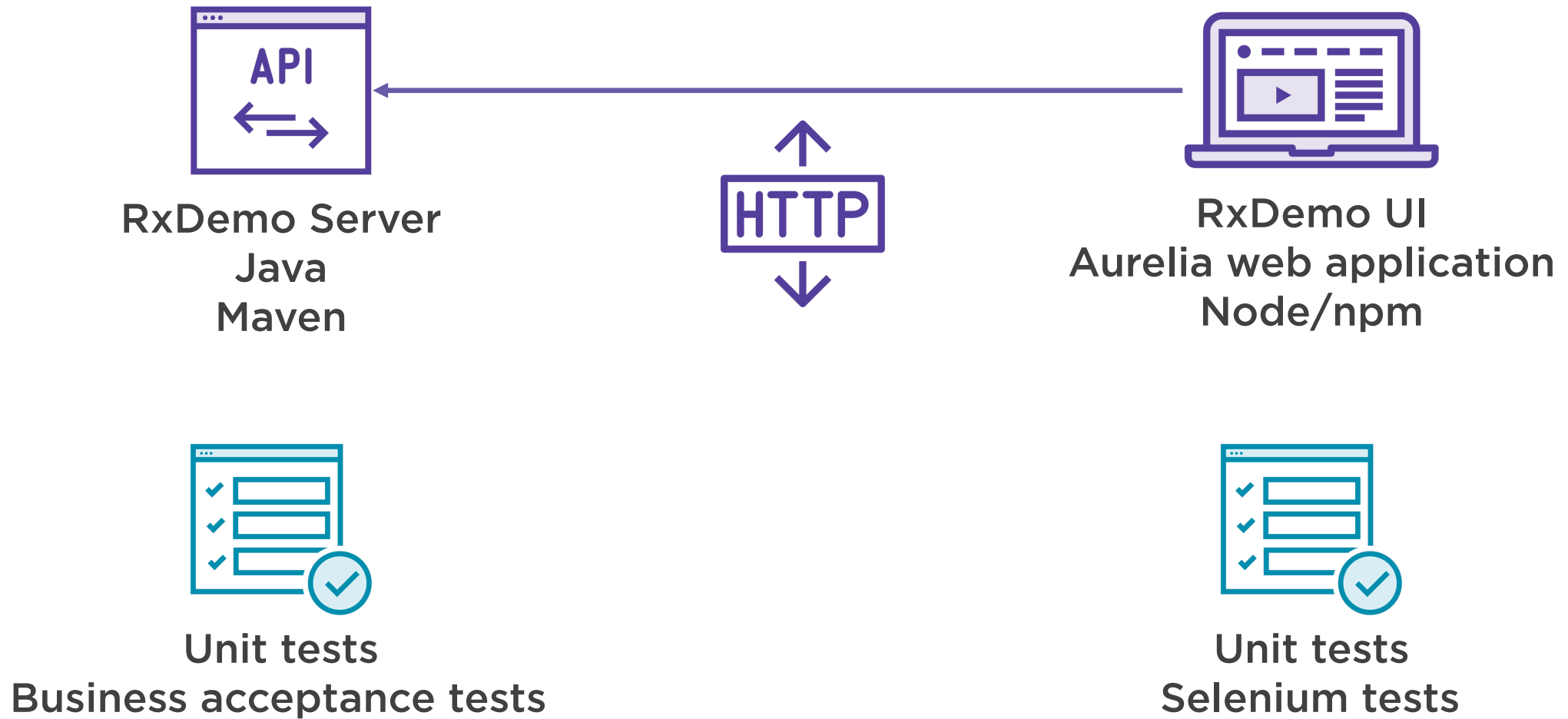


# Sample Application Architecture

---



# RxDemo



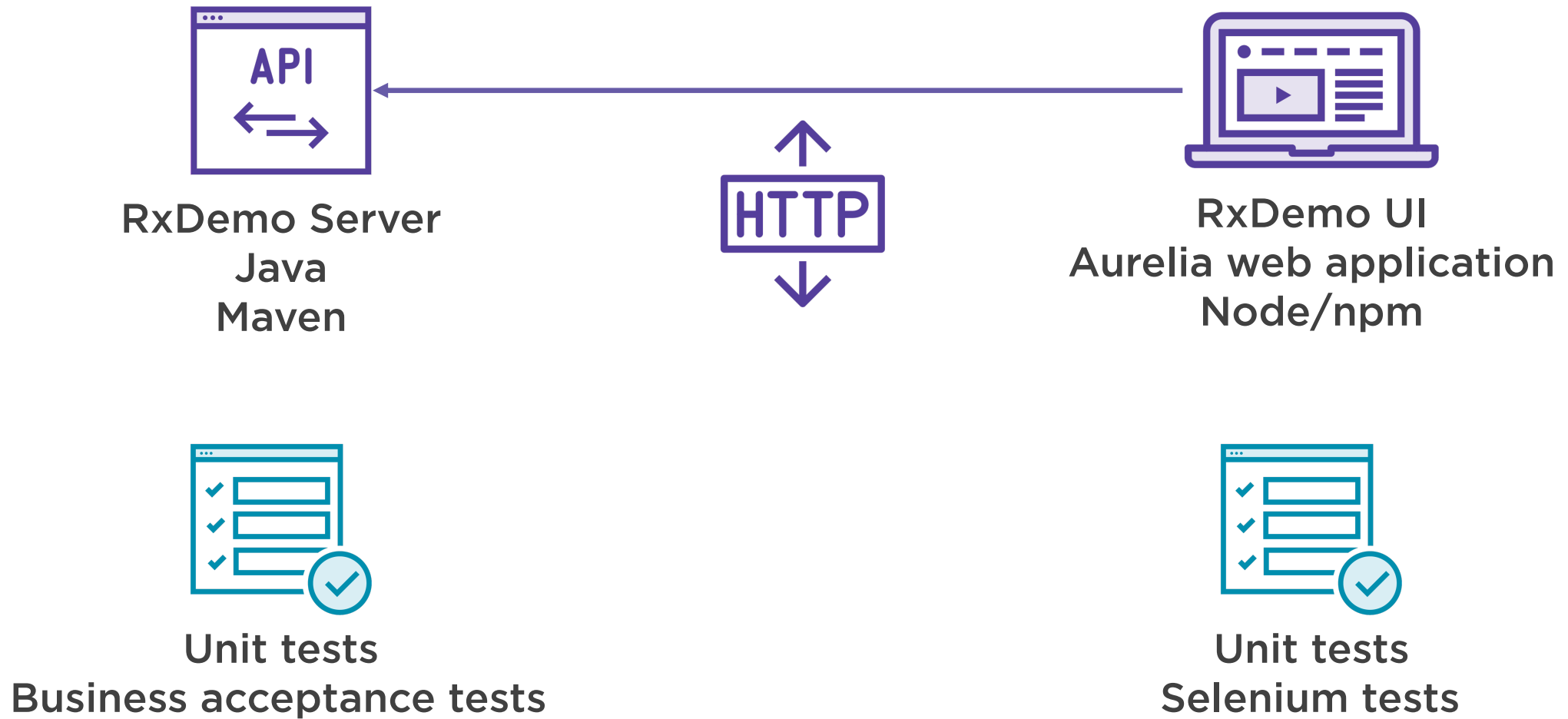
# That's a lot of technology!

And we haven't even talked about  
deploying yet!





# RxDemo



# Demo



## Introducing the sample application

- Following along

