# Starters = Runtime, Boilerplate



#### **Learning Objectives:**

- 1. Understand what starters are
- 2. Benefits of using starters i.e., Runtime & Boilerplate

### Starter

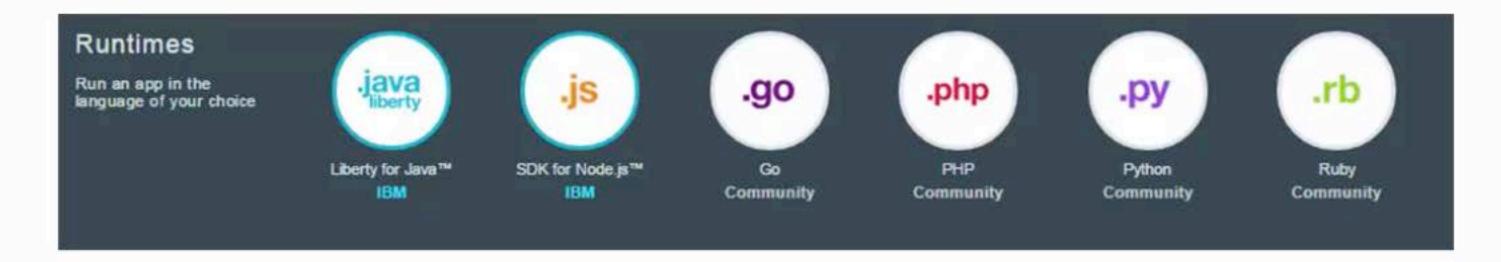
- A starter is a template that includes predefined services and application code
  - Higher productivity
  - Faster speed to release
  - Consistency
- Two types:

Runtime

Boilerplate

#### Runtime

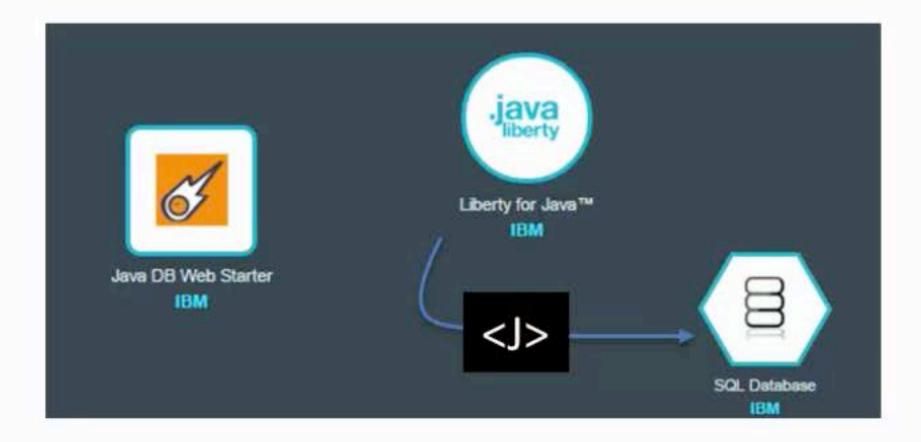
- A set of resources to run your application
- Bluemix provides runtime containers for different type of applications



- Runtime environments are automatically configured
- Runtime = Buildpacks; Additional runtimes may be supported

## Boilerplate

- Provides a starting point for a specific solution
- Combination of Runtime and Services



### Summary

- Starters are templates
- Leads to faster development, consistency, higher productivity
- Two types of starters:
  - 1. Runtime
  - Boilerplate

