



Spring Boot Microservices

Beginner to Guru

Maven Bill of Materials



Maven Bill of Materials

- Bill of Materials
 - Originally a manufacturing term
 - Like a recipe for building widgets
 - An engine will need 8 cylinders, 8 spark plugs, 16 valves, 1 fuel body, etc
- A Maven BOM steals from this concept to serve a Bill of Materials for your services

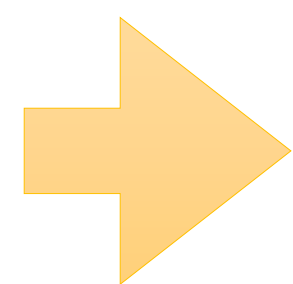


Spring Parent POM

- Very similar to a Maven BOM
- Spring is already providing us a parent POM which provides us a set of curated dependencies
 - Also common set of properties is inherited
- Differences from BOM:
 - Does not set common dependencies
 - Does not set common plugins
 - Does not set common plugin configuration



Spring Parent POM



BOM



Service POM



BOM Configuration

- Set common Maven Properties
- Set common Maven Plugins and configuration
- Set dependency versions
- Set common dependencies
- Set common build profiles
- Set just about any inheritable property which is common

