

Using a BOM file



Bryan Hansen

Director of Software Development

@bh5k

BOM

<type>

Specified Versions

Parent Pom

Dependency Management

BOM

```
<modelVersion>4.0.0</modelVersion>
<groupId>com.acme</groupId>
<artifactId>AcmeBom</artifactId>
<version>0.0.1-SNAPSHOT</version>
<packaging>pom</packaging>

<dependencyManagement>
  <dependencies>
    <dependency>
      <groupId>org.apache.commons</groupId>
      <artifactId>commons-lang3</artifactId>
      <version>3.12.0</version>
    </dependency>
    <dependency>
      <groupId>log4j</groupId>
      <artifactId>log4j</artifactId>
      <version>1.2.12</version>
    </dependency>
  </dependencies>
</dependencyManagement>
```

Parent Pom Configuration

```
<parent>  
  <groupId>com.acme</groupId>  
  <artifactId>AcmeBom</artifactId>  
  <version>0.0.1-SNAPSHOT</version>  
</parent>
```

Import

```
<dependencyManagement>
  <dependencies>
    <dependency>
      <groupId>com.acme</groupId>
      <artifactId>AcmeBom</artifactId>
      <version>0.0.1-SNAPSHOT</version>
      <type>pom</type>
      <scope>import</scope>
    </dependency>
  </dependencies>
</dependencyManagement>
```

Summary

BOM

Parent

Import