

IDE Integration



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Outline

IDEs

Dependency
overview

Profiles

Dependency
Hierarchy

Effective POM

Multi Module

Dependencies

Manipulate dependencies
Dependency Management
Add / Search screen

Demo

Generate menu

Search ahead

spring-jdbc

Profiles

Usually in pom.xml

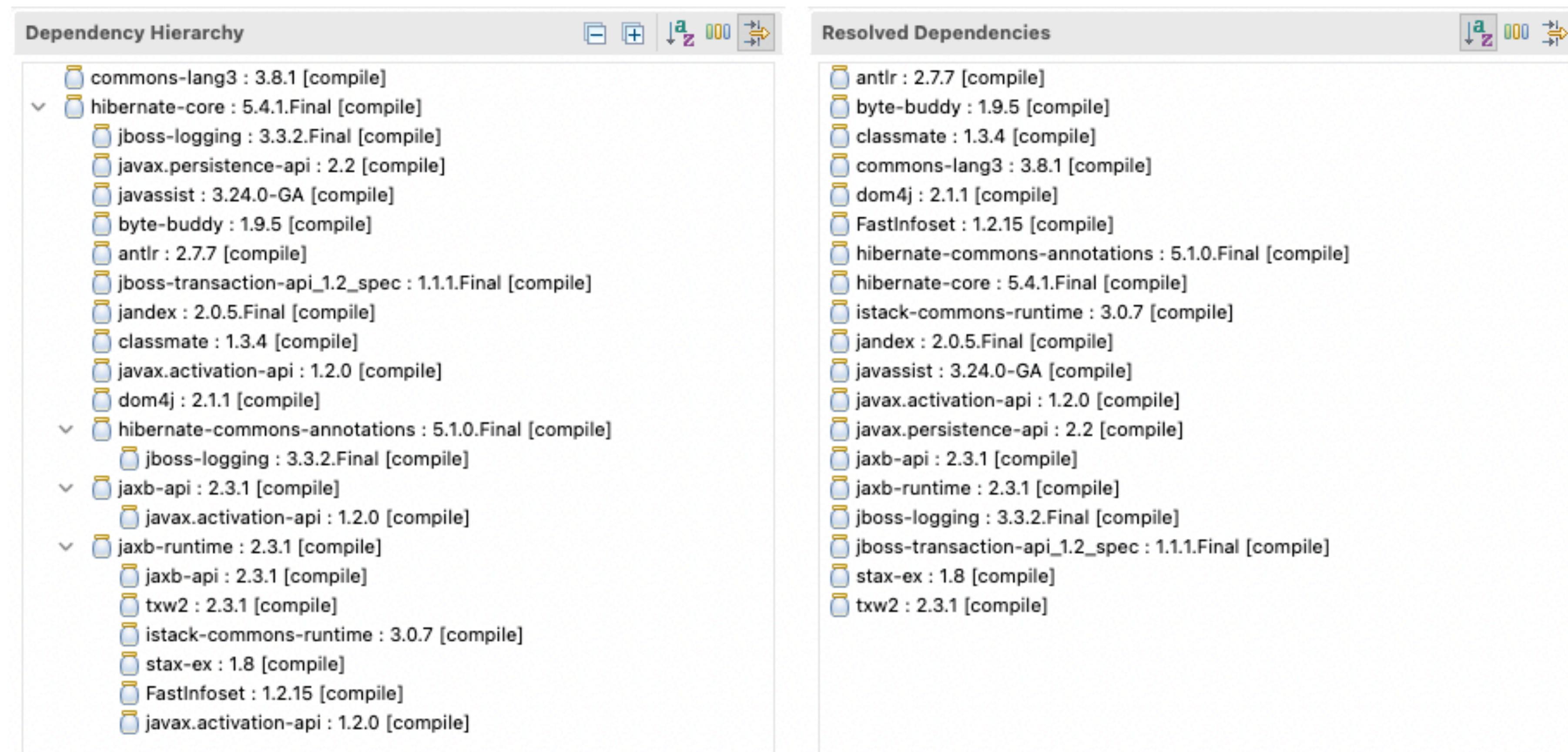
Logging configuration

-D command line

Environment specific

Dependency Hierarchy

Displays dependency tree, including transitive and overridden
Scope also displayed



```
<!-- ===== -->
<!--
<!-- Effective POM for project
<!-- 'com.pluralsight:MultiClient:jar:1.0-SNAPSHOT'
<!--
<!-- ===== -->

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org/
POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">
<modelVersion>4.0.0</modelVersion>

<parent>
  <groupId>com.pluralsight</groupId>
  <artifactId>MultiProject</artifactId>
  <version>1.0-SNAPSHOT</version>
</parent>

<groupId>com.pluralsight</groupId>
<artifactId>MultiClient</artifactId>
<version>1.0-SNAPSHOT</version>
```

Effective pom

**Complete POM
Including inherited settings
Debugging tool**

Multi Module

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
          xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
<modelVersion>4.0.0</modelVersion>

<groupId>com.pluralsight</groupId>
<artifactId>MultiProject</artifactId>
<version>1.0-SNAPSHOT</version>
<modules>
    <module>MultiClient</module>
    <module>MultiServices</module>
</modules>
<packaging>pom</packaging>

<properties>
    <maven.compiler.source>17</maven.compiler.source>
    <maven.compiler.target>17</maven.compiler.target>
</properties>

</project>
```

Summary

Dependency Overview

Profiles

Dependency Hierarchy

Effective Pom

Multi Module