IDE Integration

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Outline

IDEs	Importing	POM viewer
Dependency overview	Adding dependencies	Effective POM

Installation

Registry

Java / Maven installation

Bundled Maven

STS

https://spring.io/tools

Importing

Maven integration

Default Goals

Classpath

▼ 📂 Maven
  📋 Check out Maven Projects from SCM
  📋 Existing Maven Projects
  🫙 Install or deploy an artifact to a Maven repository
  📋 Materialize Maven Binary Project
  📋 Materialize Maven Projects from SCM

Converting

pom.xml

Convert to Maven Project

Classpath

POM Viewer

Artifact	
Group Id:	com.pluralsight
Artifact Id:	* HelloWorld
Version:	1.0-SNAPSHOT
Packaging:	jar ▼

Default View

High level elements
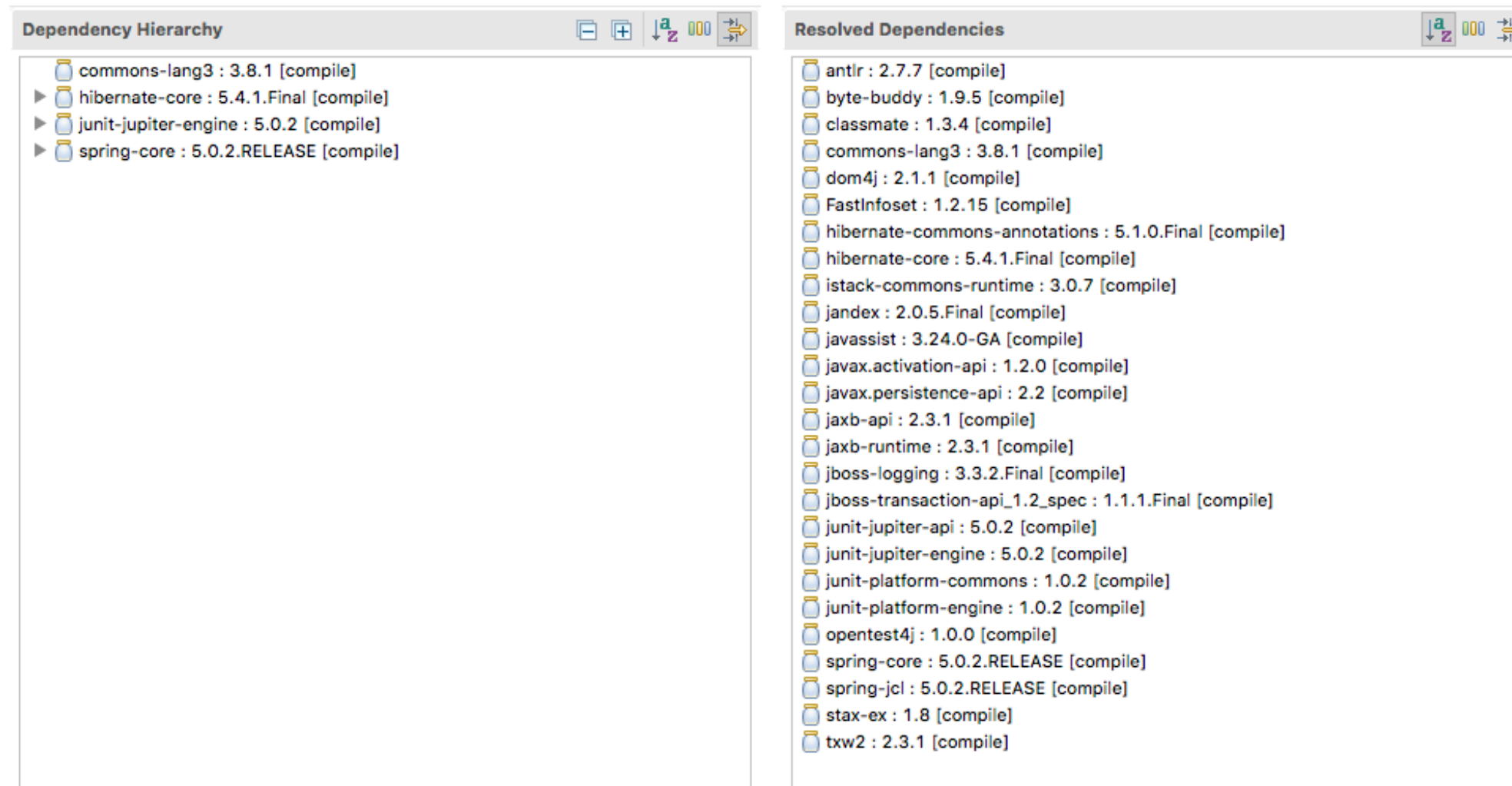
Changes source

Dependencies

Manipulate dependencies

Dependency Management

Add / Search screen

Dependency Hierarchy

Displays dependency tree, including transitive and overridden

Scope also displayed

Effective POM

Complete POM, including inherited settings

Debugging tool

```xml
<?xml version="1.0" encoding="UTF-8"?>
<project xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <modelVersion>4.0.0</modelVersion>
  <groupId>com.pluralsight</groupId>
  <artifactId>HelloWorld</artifactId>
  <version>1.0-SNAPSHOT</version>
  <dependencies>
    <dependency>
      <groupId>org.apache.commons</groupId>
      <artifactId>commons-lang3</artifactId>
      <version>3.8.1</version>
      <scope>compile</scope>
    </dependency>
```

Summary

IDE installation

Adding dependencies

Dependency Resolution

IDE configuration