Lecture 04: Project Setup

Creating a New Hibernate Project

1. **IDE Setup**: Use IntelliJ IDEA or similar IDE
2. **Project Type**: Maven project for dependency management
3. **Java Version**: Use Java 8 or higher
4. **Build System**: Maven for managing dependencies

Adding Dependencies

Add the following dependencies to your `pom.xml`:

```xml
<dependencies>
    <!-- Hibernate Core -->
    <dependency>
        <groupId>org.hibernate</groupId>
        <artifactId>hibernate-core</artifactId>
        <version>6.3.Final</version>
    </dependency>

    <!-- PostgreSQL Driver -->
    <dependency>
        <groupId>org.postgresql</groupId>
        <artifactId>postgresql</artifactId>
        <version>42.7.3</version>
    </dependency>
</dependencies>
```

Key Dependencies Explained

- **hibernate-core**: Main Hibernate functionality
- **postgresql**: Database driver for PostgreSQL connectivity

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