

# II. Dependencies

## Dependency Declaration vs. Dependency Isolation

### Dependency Declaration:

- A dependency declaration manifest **declares all dependencies** of an app.
- The full and explicit dependency specification is applied uniformly to both **development and production**.
- Explicit dependency declaration **simplifies setup** for developers new to the app.

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## Dependency Declaration vs. Dependency Isolation

### Dependency Isolation:

- A dependency isolation tool ensures that no implicit dependencies “**leak in**” from the surrounding system.
- It guarantees that, for example, the versions of the app dependencies used by the app will **not conflict** with different versions of the same dependencies installed **widely on the system** or **used by other apps** on the same machine.