

II. Dependencies

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.

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Dependency Declaration vs. Dependency Isolation

Language	Dependency Declaration Tool	Dependency Isolation Tool
Go	gomodules	gomodules
NodeJS	npm	npm
Ruby	bundler	bundler
Python	pip	virtualenv