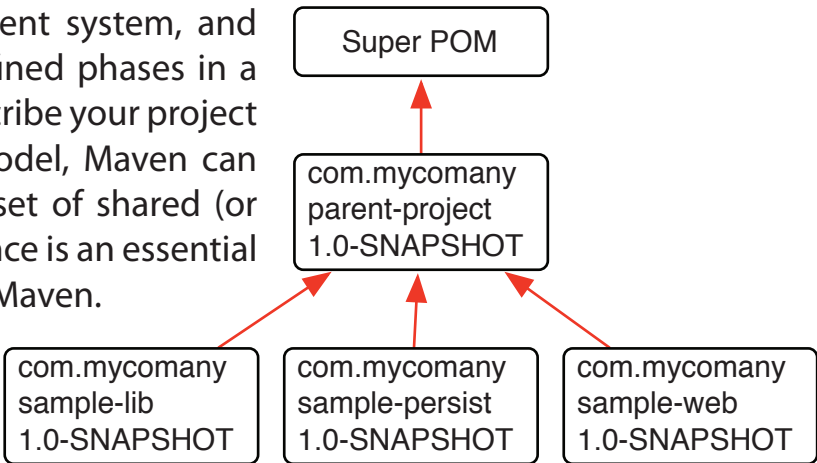# Maven: The Complete Reference

Maven is a project management tool which encompasses a project object model, a set of standards, a project lifecycle, a dependency management system, and logic for executing plugin goals at defined phases in a lifecycle. When you use Maven, you describe your project using a well-defined project object model, Maven can then apply cross-cutting logic from a set of shared (or custom) plugins. The Complete Reference is an essential tool for anyone currently working with Maven.

Covers Apache Maven 2.2.1

```
                    ┌──────────────┐
                    │  Super POM   │
                    └──────────────┘
                           ▲
                    ┌──────────────┐
                    │ com.mycomany │
                    │parent-project│
                    │ 1.0-SNAPSHOT │
                    └──────────────┘
        ┌──────────────┬──────┴───────┬──────────────┐
  ┌──────────────┐ ┌──────────────┐ ┌──────────────┐
  │ com.mycomany │ │ com.mycomany │ │ com.mycomany │
  │  sample-lib  │ │sample-persist│ │  sample-web  │
  │ 1.0-SNAPSHOT │ │ 1.0-SNAPSHOT │ │ 1.0-SNAPSHOT │
  └──────────────┘ └──────────────┘ └──────────────┘
```

Maven: The Complete Reference

Edition 0.5

Maven 2.2

Maven

- **Downloading Maven**
- **Installing Maven**
- **Getting Help with Maven**
- **The Project Object Model**
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