

POM

Thursday, June 7, 2018 5:27 PM

POM - Project Object Model

What is POM?

POM Stands for Project Object Model - ^IBasic Build file

As a fundamental unit of work in Maven, POM is an XML file that contains information about project and configuration details used by Maven to build the project"

Describes a project

- Name and Version
- Artifact Type
- Source Code Locations
- Dependencies
- Plugins
- Profiles (Alternate build configurations)

Uses XML by Default

- Not the way Ant uses XML

Metadata: Location of Directories, Developers/Contributors, Dependencies,

Repositories

Dependencies (Transitive Dependencies), Inheritance, and Aggregation

Key Elements

- Project
- Model Version
- Group ID
- Packaging
- Artifact ID
- Version
- Name
- URL
- Description

Proxy Repositories

- Proxy Repositories are useful: (Replaces the local/remote repositories)
 - Organizationally cache artifacts
 - Allow organization some control over dependencies
 - Combines repositories
- Many uses the Nexus repository manager
- All artifacts in Nexus go through approval process
 - License verified
 - Improve organizational reuse

➤ override

.. will be specified

`<project>`
:
`</project>` } → Everything should be specified within the project element