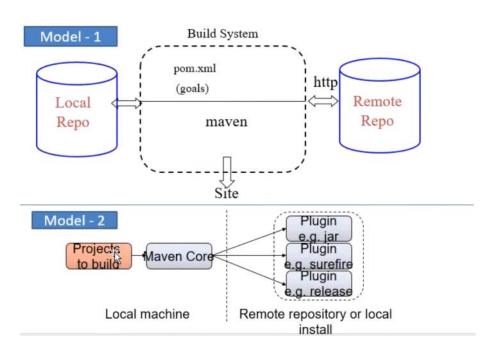
Architecture

Thursday, June 7, 2018 12:42 PM



Pom - Build or Configuration file - Details of the project

MAYEN BUILD LIFECYCLE

- Generate Sources/resources

List of required plugins

List of required plugins

Looks for the resources in local repo

Not found

Finstall the resources from remote

report

Fremote report

From a Specific Site

- Compile text: - Written by developer to run the

- test: - Written by developer to run the uni Test - Package: Creating jar, war, ear files - Integration - test (Pre & post) ? ??

Livery Specific to Certain things

Lunclear - Install - Dependancy of other projects

+ When other project files are

required to run the project

Maven looks in the local and remote

Maven looks in the local and remote

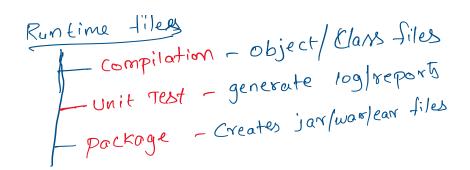
These project files one installed in

the local and remote the local repo for moven to find. - Deploy - Store it like a artifact (or) Put into some application server like → (all any of these default it will run from the Gop Step → Clean, Site - Not default life cycles. ean as nomespace L Delete (or) Clean the entire project directory L All the runtime files (reated will -> Clean as nomerspace be deleted Runtime files

Runtime files

moilation - object/ Class files

Maven Page 2



Este

Les comentation whenever it is

Example Maven Goals

- · To invoke a Maven build you set a lifecycle "goal"
- mvn install
 - Invokes generate* and compile, test, package, integration-test,
- mvn clean
 - Invokes just clean
- · mvn clean compile
 - Clean old builds and execute generate*, compile
- · mun compile install Doesn't run the already done tasks
 - Invokes generate*, compile, test, integration-test, package, install
- · mvn test clean
 - Invokes generate*, compile, test then cleans

STANDARD DIRECTORY LAYOUT :

src/main/java	Application/Library sources
src/main/resources	Application/Library resources
src/main/filters	Resource filter files
src/main/assembly	Assembly descriptors
src/main/config	Configuration files
src/main/scripts	Application/Library scripts
src/main/webapp	Web application sources
src/test/java	Test sources
src/test/resources	Test resources
src/test/filters	Test resource filter files
src/site	Site
LICENSE.txt	Project's license
NOTICE.txt	Notices and attributions required by libraries that the project depends or
README.txt	Project's readme

Parent Project dir:

- resources

- java
- resources
- assembly
- Contid
- test
 - java
 - resources
 - Tilters
- Pom.XML

Project Name (GAV)

- plugin is a gar file that moven runs internally

- GAN Syntax groupID: artifactID: Version

- · Maven uniquely identifies a project using:
 - groupID: Arbitrary project grouping identifier (no spaces or colons)
 - · Usually loosely based on Java package
 - artfiactId: Arbitrary name of project (no spaces or colons)
 - version: Version of project
 - Format {Major}.{Minor}.{Maintenance}
 - Add '-SNAPSHOT' to identify in development

- Each project will also have a unique GAY

- Default packaging type is jar

- Maven downloads all the plugius using the GAV reference

MANEN_OPTS - Set to make sure adequate memory is available at Run time. mun archetype: generate (quickstart)

plugin goal

group Id: - organisation name (or) business unit

artifact Id: Actual Product (or) Project we are

working

version: 1.0-Snapshot Chefault) - Since we are

not working on specific

release

package: Name of the package/jax file.