Maven - Maven is project management tool.

- Most popular use of maven is for build management and dependencies. - What peoblems does moven solve?
- When building your jour jour peoject,
you may need additional JAR files - For example: spring, Hibernate, commons rogging, Ison, etc... - one appleach is to dowload the JAR filex from each project web-site. - manually add the JAR files to your build path/classpath. - Maven solution - Tell maven the projects you are working with (dependencies)
- spring, Hibernate, JSON, etc... - Maven collingo out and dowload the JAR filex for those projects for you.

- And maven filez availab	will make those JAR ble duling compile/luin
	ven as your friendly v shopper:
- my project u	with Maven:
My Demo App	Mayen contral Poposito
spring	Maven central Reposito
My Demo App Spring Hibernate	
	→ Maven & Hibernate JAR
JSON, etc	SON JAR,
JSON, etc	, ≥ etc.,.
developer.	
- Maven - How	It WOEKS
	check Local Repo.
reoject config file.	maven Local Repo
Spring Read (	motion file 7
JSON, etc.	(dilpure)
developer	save in local papo.
build & Re	un. 3 Moven central Repo
	Remote
	get from
	remote repo

- Handling JAR Dependencier - When Moven rotriever a project dependency.
  - It will also download supporting dependencies
  - For example: spring depends on commons-logging...
  - moven will handle this for us
- Building and Running.
   When you build and Eun your app.
  - moven will handle class/build path
  - Based on config file, maven will add JAR files amodelingly.

- Standard Directory Structure. Directory pescerption your Java source code. - sec/main/Java peoperties/config/files used - see/main/eesouleer by your app. JSP files and web config files other web assets -se main webapp (images, css, 1s, etc) unit Testing code and -s&c/test Destination directory for compiled code. Automatically created by maver - standard Directory structure Benefits - for new developers joining a project.
- They can easily find code, properties
files, unit tests, web files etc...

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- most major IDE's have built-in support for maven.  - Eclipse, Intellij, NetBeans etc.  - IDEs can easily soad import mave projects.  - maven projects are portable.  - Developers can easily share projects between IDEs.  - No need to fight about which IDE is the best LOL!
Advantages of Maven  - Dependency Management  - Maven will find JAR files for you  - No more missing JARs.  - Building and Running your project  - No more build path/classouth issue  - standard directory structure.