Steps to Install Maven on ec2-user Instance

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| Download Maven .tar file from website into ec2 Instance | wget <http://mirrors.advancedhosters.com/apache/maven/maven-3/3.6.2/binaries/apache-maven-3.6.2-bin.tar.gz>  if this command does not work than simply run sudo command:  sudo yum install mavem |
| Extract .tar file | tar -zxvf apache-maven-3.6.2-bin.tar.gz |
| Move to “apache-maven-3.6.2/” | cd apache-maven-3.6.2/ |
| Go into the ./bash\_profile file and update it.  # .bash\_profile  # Get the aliases and functions  if [ -f ~/.bashrc ]; then  . ~/.bashrc  fi  # User specific environment and startup programs  **M2\_HOME=/home/ec2-user/apache-maven-3.6.2**  **export M2\_HOME**  PATH=$PATH:$HOME/.local/bin:$HOME/bin**:$M2\_HOME**  export PATH | Bold Part is Updated content |
| To see Maven is install or not | mvn -version |
| mvn compile | To compile the project |

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| mvn archetype:generate | * To create a new project * Now it will download all the require files  Once download it will ask for number, we just need to hit enter key and let use version which is default. * Again it will ask for groupID it means peckagein java that time we need to give name to package Ex. “com.prepare.demo” * Now it will ask for “artifactId” which means main class in java   Ex. “DemoArtifact”   * When it asks for “version' 1.0-SNAPSHOT:” just hit enter and it will chose default one. * Hit enter again when it ask for “package' com.prepare.demo” * Now press “Y” to give conformation * **NOW OUR PROJECT HAS BUILTED** |
| Files in the Project or Package | Pom.xml: it is used to compile  src: This directory contains all the source code |

For compiler, we need to install a compiler according to which language we use for coding.

For ex. if we use java as a programming language than we need to install JRE and JDK.