Maven is a widely-used build automation and project management tool primarily used for Java projects but adaptable to other programming languages as well. It simplifies and automates the software build process, making it easier for developers to manage project dependencies, compile code, run tests, package applications, and deploy them.

.Maven uses a set of identifiers, also called coordinates, to uniquely identify a project and specify how the project artifact should be packaged:

* groupId – a unique base name of the company or group that created the project
* artifactId – a unique name of the project
* artifactId is the name of the jar without version. If you created it then you can choose whatever name you want with lowercase letters and no strange symbols. If it's a third party jar you have to take the name of the jar as it's distributed. eg. maven, commons-math
* groupId will identify your project uniquely across all projects, so we need to enforce a naming schema. It has to follow the package name rules, what means that has to be at least as a domain name you control, and you can create as many subgroups as you want. Look at More information about package names. eg. org.apache.maven, org.apache.commons
* **What is the Difference between groupId and artifactId in Maven**
* main difference between the groupId and artifactId is groupId specifies the ID of the project group while the artifactId specifies the id of the project. So group Id is always used to identify the project group and artifactId is used to identify the specific project that is developed by that particular group of organization. Please check the below mentioned example:-
* All the Selenium related jar files, present in the maven repository has the same groupId as they belongs to same group that is
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* But different project has project specific artifactId. Like for [selenium-java](https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java/4.0.0-alpha-7) jars, the artifactId is
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* and for [Selenium Firefox Driver](https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-firefox-driver/4.0.0-alpha-5) jars, the artifactId is
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[maven - What is the difference between artifactId and groupId in pom.xml? - Stack Overflow](https://stackoverflow.com/questions/39185798/what-is-the-difference-between-artifactid-and-groupid-in-pom-xml)

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