|  |  |
| --- | --- |
| Maven | Gradle |
| Enhanced dependency management. | Allows us to write the build script with java programming language. |
| There is no need to store the binary libraries (third party) within the source control. | Easy to use and maintain. |
| It efficiently manages the hierarchical dependency tree. | Supports dependency management and multi project structure. |
| It makes the debugging process more straightforward. | High performance and scalable builds. |
| It provide better co-operation among the source code, plugin, libraries and the IDE. | Integration process is quite easier. |
| Reduces the duplication within the project. | Easy to migrate to Gradle from maven or other build tools. |
| Differences | |
| The compilation is mandatory in maven. | Avoids the compilation of java. |
| Limited number of parameters and requirements so customization is a bit complicated. | Highly customizable it provides a wide range of ide support custom builds. |
| The main goal is related to the project phase. | Main goal is ad functionality to the project. |