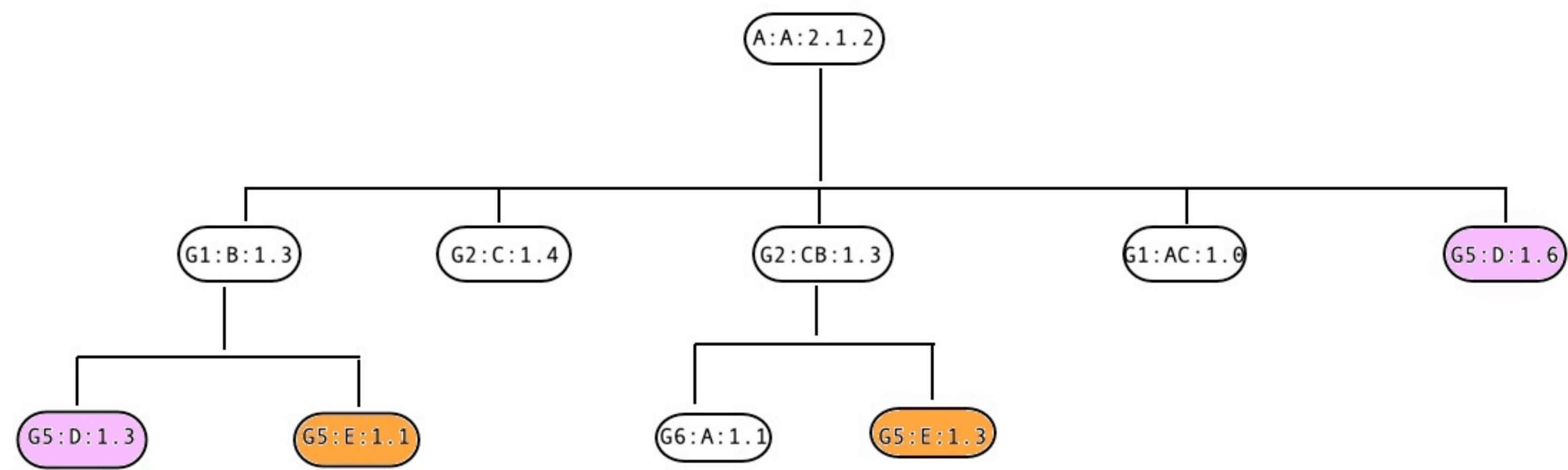


dependency mediation technic



When resolving the transitive dependencies, maven might run into conflict of landing into having multiple versions of the same dependencies being added to the project, so to resolve this problem, the maven uses a technic called dependency mediation technic using which it adds the dependencies based on the below rules:

- 1. always maven picks the dependency closest root of the hierarchy between those versions of the dependency
in the above tree we have G5:D:1.6 and G5:D:1.3 out of these 2 versions the closest to the tree is "G5:D:1.6" will be added to the project classpath ignoring the other
- 2. incase both of the dependencies are at the same level, then maven takes the dependency appears at the left of the tree
in the above case we have G5:E:1.1 G5:E:1.3 dependencies. Both of them are at the same level#2, so as "G5:E:1.1" is the left most in the tree maven adds that to the classpath ignoring "1.3" version of it.