Module Hierarchies

In Modula and Ada, the programmer can create a hierarchy of modules within a single compilation unit by means of lexical nesting. In a similar vein, the Ada 95, Java, or C# programmer can create a hierarchy of separetly compiled modules by means of **mutlipart names**:

<div align="center">

`package A.B;`   //Java

</div>

In this package `A.B` is said to be a **child** of package `A`. In Java, multipart names work by convention only. If `A.B` needs to refer to names in `A`, then `A` must make them public, and `A.B` must import them.