

Packages and Access Modifiers

Packages

A package is nothing but a physical folder structure (directories) that contains a group of related classes, interfaces, and sub-packages according to their functionality.

It provides a convenient way to organize your work. The Java language has various built-in packages.

- Creating a Package.
- Naming a Package.
- Using Package Members.

Naming a Package

While developing your project, you must follow some naming conventions regarding packages declaration.

```
package com.ibm.pdp.online.auth;
```

keyword

client name

**company
specification**

project name

company name

module name

**statement
terminator**

While declaring the package name, every character should be lowercase.

Using Package Members

The types that comprise a package are known as the package members. To use a public package member from outside its package, you must do one of the following.

- Refer to the member by its fully qualified name.
- Import the package member.
- Import the member's entire package.
- Static Import
- Unnamed package
- Run multi package project
- [Oracle java packages](#)

Interview Questions