Move Refactorings

Move refactorings allow you to move packages and classes between the source roots of a project, class members to other classes and inner classes to upper hierarchy levels. The move refactorings automatically correct all references to the moved packages, classes and members in the source code.

The following move refactorings are available:

- *Move Package* moves a package and its contents to another package or directory under the specified source root. When you move a package, you can choose between the following refactorings:

    - *Move package to another package*.

    - *Move directory to another source root*.

    - *Move directory to another directory*.

    > The Move Package refactoring is significantly different from the other move refactorings. For corresponding instructions, see Moving a package. For all the other symbols, refer to Performing a Move refactoring.

- *Move Class* refactoring enables you to:

    - Move a class to a package under the specified source root.

    - Make a class an inner class.

- *Move Static Members* moves a static field, method or inner class to another class.

- *Move Inner to Upper Level:*

    - In Java, this refactoring moves an inner class to a higher level.

    - In ActionScript, this refactoring moves out-of-package classes, functions, variables, constants and namespaces into a package. (In this case the word *inner* is used to refer to entities (classes, functions, etc.) that are declared *outside of packages*. The *upper level* means *a package*.)

- *Move Instance Method* refactoring moves an instance method to another class.

- *Move File* refactoring moves a file to another directory.

> This refactoring is also available from UML Class diagram.

To perform a move refactoring, follow these general steps:

1. Select the symbol to be moved and do one of the following:

    - On the **Refactor** menu, or on the context menu, choose **Move**.

    - Press **F6**.

    - In the Project tool window, drag the symbol to the new destination.

    The dialog that opens depends on the type of the selected symbol.

2. Specify the move options according to the type of the item to be moved. See option descriptions in the Move dialog box reference.

3. Preview and apply the changes.

Moving a package

To move a package:

1. Select the package in the Project tool window or Commander, and press F6, or just drag the selected package.

2. In the Select Refactoring dialog box, click one of the options to specify which refactoring should be performed.

   - To move the whole package to another package select the first option, click OK, then specify the move options in the Move dialog box.

   - To move the directory to another source root, select the second option, click OK, and specify the destination source root.

   - To move the directory to another directory, select the third option, click OK, and specify the destination directory.

See Also

Reference:

- Move Dialogs

Getting Started:

- Copy and Paste Between IntelliJ IDEA and Explorer/Finder

Web Resources:

- Developer Community