# 5.3 Assigned Class in Detail

As we said in the checklists of the methods, in this chapter we will analyze the full class *ListSubComponentsCommand.java* following the specific points of the reference checklist.

We will focus on points 24~33 of the checklist. In fact, these points reflect the entire class and not just the two assigned methods.

* The package statement is the first of the non-comment statements.
* Then there are all the import statements, as suggested in the checklist.
* The class order follows the indications of the point 25 of the checklist.
* Methods are grouped by functionality as suggested.
* The code is free of duplicates and the class is not huge. Anyway, there is a very long methods: *execute(),* with 136 lines of code. We strongly suggest splitting the method in sub-methods in order to respect the “Divide et Impera” principle of software engineering.
* All the variables and class member are of the correct type.
* No ‘standard’ constructor of the class exists.
* All parameters are initialized before the use with a value, also with *null* in some cases, see:

*@Param(primary=true)*

*private String modulename = null;*

*@Param(optional=true)*

*private String appname = null;*

*@Param(optional=true)*

*private String type = null;*

[lines 104~111]

* Declarations of variables are always at the beginning of the blocks {…}.