Extract Method Dialog

Item	Description
Name	In this text box, specify the name of the function or method to be generated on the basis of the selected source code.
Visibility	In this area, specify the visibility scope of the method to be generated.
Declare static	Select this check box to have a static method created. If the new method cannot be declared as static, or, vice-versa, can be created only as a static method, the **Declare Static** check box is disabled.
Declare varargs	Select this option if you want to declare varargs instead of the array.
Fold parameters	Select this option to fold the parameters, for example, if you have an array, like `int[] a = new int[i]`, and you want `a[i]` to be passed as a whole to the newly created method.
Extract chained constructor	Use this option to extract chained constructor from the constructor body, replacing the original code with `this`.
Output variable(s)	This read-only text box displays the name of the variable through which the output of the new method/function will be passed to the calling method/function. Depending on your choice in the Return output variable(s) through area, this variable either will be used in a *return statement* or will be declared as the passed by reference parameter of the new method/function.
Return output variable(s) through	In this area, specify the way in which the new method or function will return the output variables 🔗 to the callee.. ■ **Return statement** - select this option to have the output variables returned by value. If the **Output variable(s)** read-only field shows exactly one output variable, it will be used as the return value. If the selection outputs several variables, these variables will be returned as an array. ■ **Parameter(s) passed by reference** - select this option to have the output variables returned by reference. IntelliJ IDEA will generate a method/function without a return statement. Instead, the output variables will be added to the set of input parameters in the method/function declaration. The names of these variables will be prepended with an ampersand `&`. The area is available only when refactoring is invoked in the PHP context.

Item	Description
Parameters	In this area, select parameters to be passed to the new method/function.
	If any parameter that is critical for the functionality of the new method is not selected, IntelliJ IDEA will be unable to proceed with the refactoring.
Move Up/Down	Use these buttons to change the order of the parameters.
Signature preview	In this read-only field, view the declaration of the new method/function.

See Also

Procedures:

- Extract Method

External Links:

- Replace conditional logic with strategy pattern 🔗

Web Resources:

- Developer Community 🔗