

.NET > C#.NET > OOP

Parameter Modifiers

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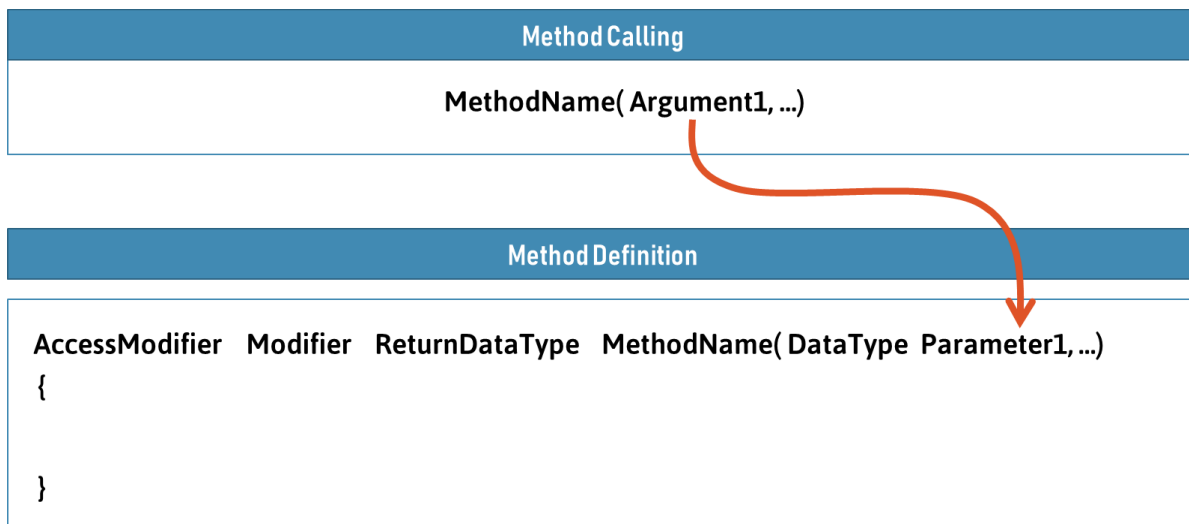
Parameter Modifiers

1. Default [Not keyword]
2. ref
3. out
4. in

Method					
AccessModifier	Modifier	ReturnDataType	MethodName(ref out in params	Datatype	Parameter1, ...)
{					
}					

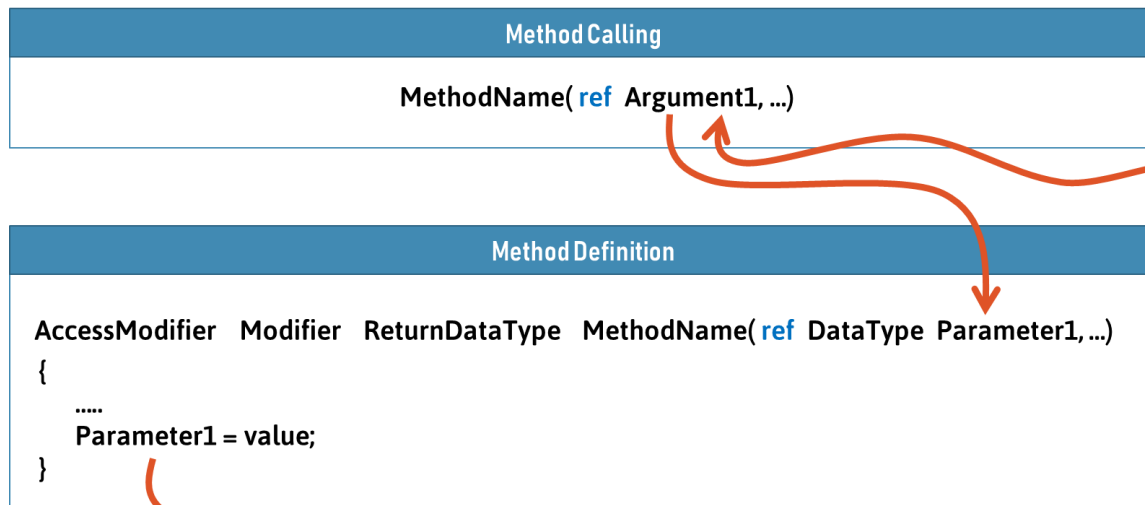
1. Default [No keyword]

- The "Argument" will be assigned into the "Parameter" but not reverse.



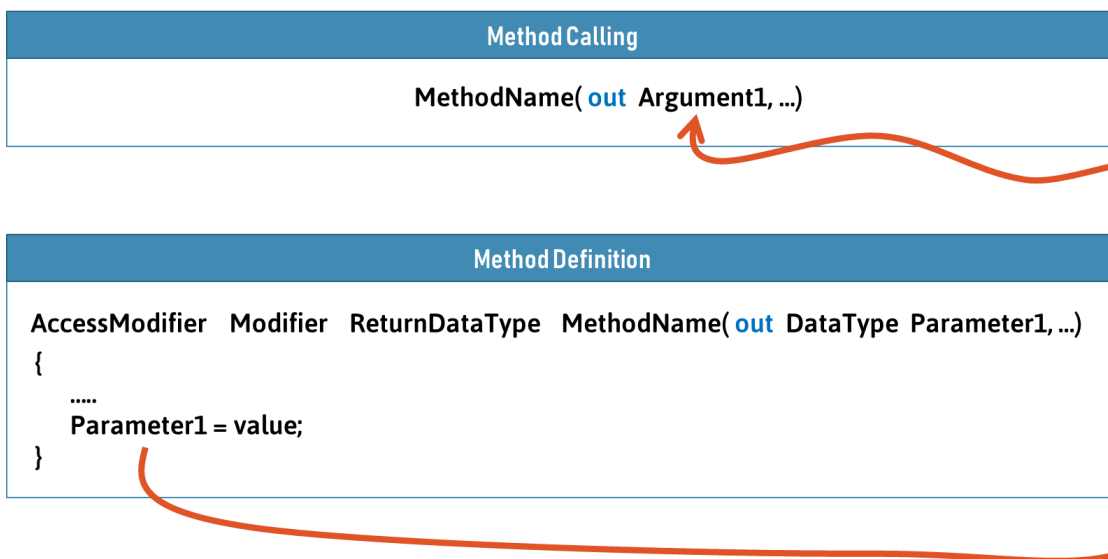
2. ref

- The "Argument" will be assigned into the "Parameter" and vice versa.
- The Argument must be a variable and must be pre-initialized.



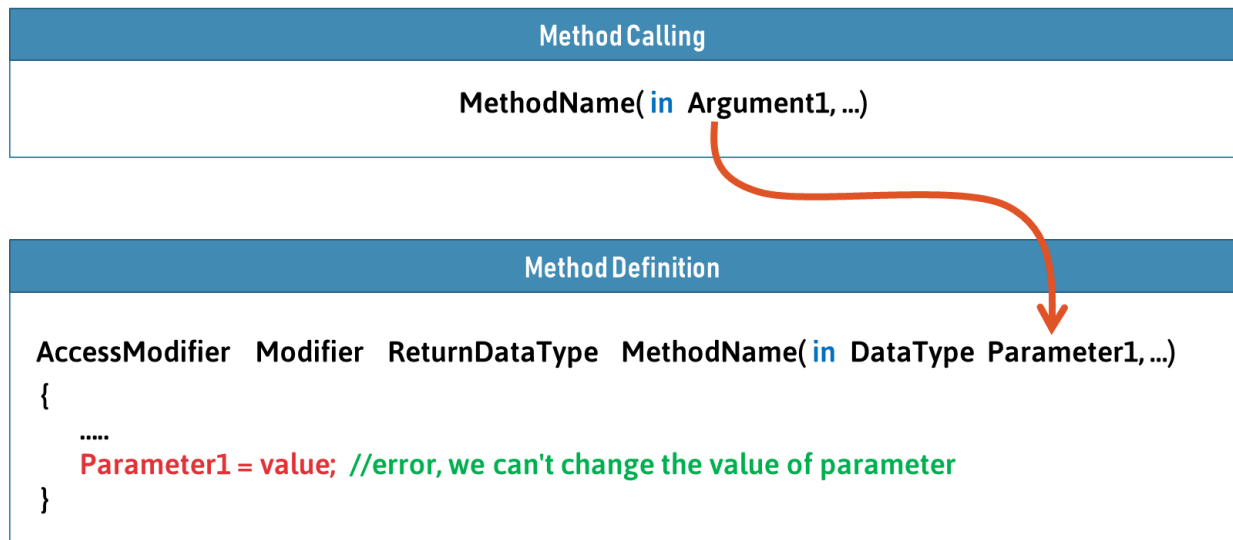
3. out

- The "Argument" will not be assigned into the "Parameter" but only reverse.
- The Argument must be a variable; The Argument can be un-initialized.



4. in

- The "Argument" will be assigned into the "Parameter", but the parameter becomes read-only.
- We can't modify the value of parameter in the method; if you try to change, compile-time error will be shown.



5. params

- All the set of arguments will be at-a-time received as an array into the parameter.
- The "params" parameter modifier can be used only for the last parameter of the method; and can be used only once for one method.

