A short comparison of object-oriented languages

Languages → Comparison of main features ↓	Simula-67	Obj.Pascals	C++	Modula3	Smalltalk	Eiffel	Ada	Beta	Loglan'82
Modularisation									
nesting of modules	+	+	-	-	-	-	+	+	+
inheritance	+	+	+	+	+	+	-	+	+
- multilevel inheritance	-	-	-	-	-	-	-	+?	+
- multiple inheritance	-	-	+	-	+	+	-	-	+[1]
inherit in other modules[2]	-	-	-	-	-	-	-	+	+
static binding of names	+	+	-	+	-	-	+	+	+
Classes & Objects	+	+	+	+	+	+	-	+	+
Coroutines	+	-	-	+	-	-	-	+	+
Processes	-	-	-	+	-	-	+	+	+
alien call of methods	-	-	-	-	-	-	-	-	+
Signals & Exceptions	-	-	-	-	-	-	+	+	+[3]
Safety									
safe deallocation i.e. **no** dangling references	-	-	-	-	-	-	-	?	+
type checking	+	+	-	-	-	-	+	+	+
protection of private	+	-	-	+	-	-	+	+	+
Genericity&Polimorphism									
types as formal params.	-	-	-	-	-	-	-+	-	+
overloading of operators	-		+	+	?	+	+	?	-
virtual methods	-		+		+	+	-	+	+

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[1] multiple inheritance may be obtained from multi-level inheritance and coroutines,

[2] enabling to inherit a class in a procedure, a function, a process, a coroutine, a block

[3] with continuations and last will actions