

Objective-Basic
Reference

First Edition

This edition applies to release 1.0 of Objective-Basic and to all subsequent releases and modifications until otherwise indicated in new editions. Make sure you are using the correct edition for the level of the product. The term „Objective-Basic“ as used in this publication, refers to the Objective-Basic product set (September 2006).

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Keywords

Alias As AsConstRef AsRef At Case Cast Catch Class CommaSeparated Const Dim Do Each Else
Elself End EndIf Enum Exit Finally Frameworks For Function GoTo IBAction IBOutlet If Import In
Includes Inherits Is Iterate Libraries Like Loop Me nil Next Parent Private Protected Public Ref Return
Select Selector Set SizeOf Static Step Sub Then Throw To Try Type While With

Builtins

__Class__ __Line__ __Method__ __File__

Data Types

Boolean Byte Char Double id Integer(32 bit) Long(64 bit) Sel Signed(32 bit) Single String Unsigned(32
bit) Variant

Operators

+ - * / Mod & = <> >= <= > < And AndAlso Like Or OrElse Not ^ Xor Set Shl Shr Inc Dec

Descriptions

Some examples showing the way the keywords are used by the compiler. See comparision to Objective-C syntax.

As

Dim i As Integer --> int i;

AsConstRef

Dim i AsConstRef Integer --> const int *i;

AsRef

Dim i AsRef Integer --> int *i;

At

At(i) = 0 --> *i = 0 (you normally do not need this function, if you do not use C pointers)

Ref

Ref(i) --> &i (you normally do not need this function, if you do not use C pointers)

Cast

Cast(Integer, i) --> (int) i

Selector

Selector(myMethod) --> @selector(myMethod)

SizeOf

SizeOf(i) --> sizeof(i)

Is

MyVar Is ClassName --> is type of that class
MyVar Is MyVar2 --> is same reference to object

Set

Set MyVar = MyVar --> set the same reference instead assigning value

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CommaSeparated

It is used, when a Cocoa class method needs a comma separated list instead of a list separated by a colon (:). There are some exceptions, when you must use it. This is a Cocoa feature not an Objective-Basic feature.

```
CommaSeparated(id, id2, id3, id4) -> id, id2, id3, id4
```

Alias

It is used, when a Cocoa class method needs named arguments, and you would like to override this method, so that you have exactly the same method declared as in the Objective-C Cocoa class.

```
Sub CocoaMethod(param As Integer, param2 As Integer Alias theParam) -->  
-CocoaMethod(int):param theParam2:(int)param2)
```

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