









# TIOBE Index for June 2015






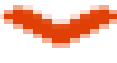




## June Headline: Objective-C to Swift migration process at full speed

Objective-C is really going into freefall. The last couple of months it is losing about 1% of market share per month. If this trend continues, Objective-C will leave the TIOBE index top 20 before the end of this year. The main cause of this is Apple's announcement last year to replace Objective-C by its new programming language Swift. The programming community embraced Swift because it fits the bill much better. Apart from this, there is also a trend to use C++ more frequently to program the lower layers of an iOS application.

The TIOBE Programming Community index is an indicator of the popularity of programming languages. The index is updated once a month. The ratings are based on the number of skilled engineers world-wide, courses and third party vendors. Popular search engines such as Google, Bing, Yahoo!, Wikipedia, Amazon, YouTube and Baidu are used to calculate the ratings. It is important to note that the TIOBE index is not about the *best* programming language or the language in which *most lines of code* have been written.

The index can be used to check whether your programming skills are still up to date or to make a strategic decision about what programming language should be adopted when starting to build a new software system. The definition of the TIOBE index can be found [here](#).

Jun 2015	Jun 2014	Change	Programming Language	Ratings	Change
1	2		Java	17.822%	+1.71%
2	1		C	16.788%	+0.60%
3	4		C++	7.756%	+1.33%
4	5		C#	5.056%	+1.11%
5	3		Objective-C	4.339%	-6.60%
6	8		Python	3.999%	+1.29%
7	10		Visual Basic .NET	3.168%	+1.25%
8	7		PHP	2.868%	+0.02%
9	9		JavaScript	2.295%	+0.30%

	Jun 2015	Jun 2014	Change	Programming Language	Ratings	Change
10	17			Delphi/Object Pascal	1.869%	+1.04%
11	-			Visual Basic	1.839%	+1.84%
12	12			Perl	1.759%	+0.28%
13	23			R	1.524%	+0.85%
14	-			Swift	1.440%	+1.44%
15	19			MATLAB	1.436%	+0.66%
16	13			Ruby	1.359%	-0.03%
17	26			PL/SQL	1.229%	+0.74%
18	31			COBOL	0.948%	+0.54%
19	34			ABAP	0.849%	+0.49%
20	18			Pascal	0.846%	+0.04%

TIOBE Programming Community IndexSource: [www.tiobe.com](http://www.tiobe.com)

Java

C

C++

C#

Objective-C

Python

Visual Basic .NET

PHP

JavaScript

Delphi/Object Pascal

## Other programming languages

The complete top 50 of programming languages is listed below. This overview

is published unofficially, because it could be the case that we missed a language. If you have the impression there is a programming language lacking, please notify us at [tpci@tiobe.com](mailto:tpci@tiobe.com). Please also check the [overview of all programming languages](#) that we monitor.

### **Position Programming Language Ratings**

21	OpenEdge ABL	0.796%
22	SAS	0.787%
23	Assembly language	0.754%
24	Dart	0.671%
25	Scratch	0.628%
26	D	0.610%
27	Fortran	0.582%
28	Lua	0.546%
29	Logo	0.536%
30	Scala	0.531%
31	Prolog	0.518%
32	Lisp	0.506%
33	Transact-SQL	0.486%
34	Ada	0.433%
35	(Visual) FoxPro	0.411%
36	LabVIEW	0.382%
37	Inform	0.376%
38	Groovy	0.370%
39	F#	0.342%
40	RPG (OS/400)	0.312%
41	ActionScript	0.303%
42	Scheme	0.273%
43	Erlang	0.267%
44	Awk	0.262%
45	ML	0.241%
46	VHDL	0.228%
47	Ladder Logic	0.214%
48	Haskell	0.214%
49	Z shell	0.208%
50	VBScript	0.202%

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### **The Next 50 Programming Languages**

The following list of languages denotes #51 to #100. Since the differences are relatively small, the programming languages are only listed (in alphabetical

order).

- ABC, Alice, Apex, APL, AutoLISP, Automator, Bash, Bourne shell, C shell, C++/CLI, Caml, CL (OS/400), Clean, Clojure, CoffeeScript, Common Lisp, Eiffel, Emacs Lisp, EXEC, Forth, Go, Icon, IDL, Io, Ioke, J, J#, JADE, Korn shell, Maple, Mathematica, Modula-2, MQL4, NATURAL, NXT-G, OCaml, OpenCL, Oz, PL/I, PostScript, PowerShell, Q, Rust, S, Smalltalk, SPSS, Standard ML, Stata, Tcl, Verilog
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## This Month's Changes in the Index

This month the following changes have been made to the definition of the index:

- John Found suggested to rename the "Assembly" entry to "Assembly language". This has been accepted. The renaming appears to have no impact on the position of the Assembly language.
  - There are lots of mails that still need to be processed. As soon as there is more time available your mail will be answered. Please be patient.
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## Very Long Term History

To see the bigger picture, please find the positions of the top 10 programming languages of many years back. Please note that these are *average* positions for a period of 12 months.

<b>Programming Language</b>	<b>2015</b>	<b>2010</b>	<b>2005</b>	<b>2000</b>	<b>1995</b>	<b>1990</b>	<b>1985</b>
C	1	2	1	1	2	1	1
Java	2	1	2	3	-	-	-
Objective-C	3	12	39	-	-	-	-
C++	4	4	3	2	1	3	11
C#	5	5	9	8	-	-	-
PHP	6	3	4	25	-	-	-
Python	7	6	8	23	21	-	-
JavaScript	8	8	10	6	-	-	-
Visual Basic .NET	9	-	-	-	-	-	-
Perl	10	7	5	4	7	17	-
Pascal	16	14	41	13	3	9	5
Lisp	25	16	14	7	6	4	2
Fortran	29	24	15	18	4	2	4
Ada	30	26	16	16	5	8	3

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## **Programming Language Hall of Fame**

The hall of fame listing all "Programming Language of the Year" award winners is shown below. The award is given to the programming language that has the highest rise in ratings in a year.