Interactive: The Top Programming Languages 2018

Find the programming languages that are most important to you

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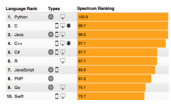
This app ranks the popularity of dozens of programming languages. You can filter them by excluding sectors that aren't relevant to you, such as “Web” or “Embedded.” (Which sectors a language can be found listed in is based on typical use patterns we've seen in the wild.) Rankings are created by weighting and combining 11 metrics from 9 sources. We have one less source this year, as the Dice job site shut down its API. However, the Dice metric is still available for previous years’ data. (Read more about our method and sources (/static/ieee-top-programming-languages-2018-methods)).

The default set of weights produces our *IEEE Spectrum* ranking—but there are preset weights for those more interested in what’s trending or most looked for by employers. Don’t like the presets? Create your own ranking by adjusting the weights yourself. To compare with a previous year’s data, click “Add a Comparison” and then click “Edit Ranking,” which will give you the option to compare with data from 2014 to 2017.



(/at-work/innovation/the-2018-top-programming-languages)

Click here to read about the trends shaping this year’s Top Programming Languages

This app was originally developed in collaboration with *IEEE Spectrum* by data journalist Nick Diakopoulous.

Choose a Ranking (choose a weighting or make your own)

IEEE Spectrum	Trending	Jobs	Open	Custom

Edit Ranking | Add a Comparison | (https://twitter.com/intent/tweet?url=https://spectrum.ieee.org/static/interactive-the-top-programming-languages-2018&via=IEEESpectrum&text=Top Programming Languages) (https://www.facebook.com/sharer/sharer.php?u=https://spectrum.ieee.org/static/interactive-the-top-programming-languages-2018)

Language Types (click to hide)

Web	Mobile	Enterprise	Embedded

Language Rank	Types	Spectrum Ranking
1. Python		100.0

2.	C++	98.3
3.	C	98.3
4.	Java	97.2
5.	C#	92.7
6.	R	82.8
7.	PHP	82.7
8.	JavaScript	82.6
9.	Go	76.4
10.	Assembly	74.2
11.	Matlab	72.8
12.	Scala	72.1
13.	Ruby	71.3
14.	HTML	70.5
15.	Arduino	69.0
16.	Shell	65.8
17.	Perl	58.0
18.	Swift	53.8
19.	Processing	52.8
20.	Objective-C	51.4
21.	Fortran	51.1
22.	Lua	49.3
23.	SQL	48.6
24.	Haskell	48.5
25.	Visual Basic	43.8
26.	Cuda	43.0
27.	VHDL	42.9
28.	Rust	41.6
29.	Delphi	41.0
30.	D	40.5

31.	Verilog	39.5
32.	Julia	34.1
33.	Lisp	33.3
34.	Clojure	30.7
35.	LabView	30.1
36.	Prolog	29.5
37.	Erlang	29.3
38.	ABAP	24.8
39.	Cobol	24.6
40.	SAS	22.8
41.	Ada	22.3
42.	TCL	21.7
43.	Scheme	18.7
44.	J	17.9
45.	Ladder Logic	10.7
46.	Ocaml	10.4
47.	Actionscript	5.0
48.	Forth	0.0