

List of programming languages

The aim of this **list of programming languages** is to include all notable programming languages in existence, both those in current use and historical ones, in alphabetical order, except for dialects of BASIC, esoteric programming languages, and markup languages.

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1 A

- A# .NET
- A# (Axiom)
- A-0 System
- A+
- A++
- ABAP
- ABC
- ABC ALGOL
- ABSET
- ABSYS
- ACC
- Accent
- Ace DASL
- ACL2
- Avicsoft
- ACT-III
- Action!
- ActionScript
- Ada
- Adenine
- Agda
- Agilent VEE
- Agora
- apple
- AIMMS
- Alef
- ALF
- ALGOL 58
- ALGOL 60

- ALGOL 68
- ALGOL W
- Alice
- Alma-0
- AmbientTalk
- Amiga E
- AMOS
- AMPL
- AngularJS
- Apex (Salesforce.com)
- APL
- App Inventor for Android's visual block language
- AppleScript
- Arc
- ARexx
- Argus
- AspectJ
- Assembly language
- ATS
- Ateji PX
- AutoHotkey
- Autocoder
- AutoIt
- AutoLISP / Visual LISP
- Averest
- AWK
- Axum
- Active Server Pages
- ASP.NET

2 B

- B
- Babbage
- Bash
- BASIC
- bc
- BCPL
- BeanShell
- Batch (Windows/Dos)
- Bertrand
- BETA
- Bistro
- BitC
- BLISS
- Blockly
- BlooP
- Boo
- Boomerang
- Bourne shell (including bash and ksh)
- BREW
- BPEL
- Business Basic

3 C

- C
- C--
- C++ – ISO/IEC 14882
- C# – ISO/IEC 23270
- C/AL
- Caché ObjectScript
- C Shell
- Caml
- Cayenne
- CDuce
- Cecil

- Cesil
- Céu
- Ceylon
- CFEngine
- CFML
- Cg
- Ch
- Chapel
- Charity
- Charm
- Chef
- CHILL
- CHIP-8
- chomski
- ChucK
- CICS
- Cilk
- Citrine (programming language)
- CL (IBM)
- Claire
- Clarion
- Clean
- Clipper
- CLIPS
- CLIST
- Clojure
- CLU
- CMS-2
- COBOL – ISO/IEC 1989
- CobolScript – COBOL Scripting language
- Cobra
- CODE
- CoffeeScript
- ColdFusion
- COMAL
- Combined Programming Language (CPL)
- COMIT
- Common Intermediate Language (CIL)
- Common Lisp (also known as CL)
- COMPASS
- Component Pascal
- Constraint Handling Rules (CHR)
- COMTRAN
- Converge
- Cool
- Coq
- Coral 66
- Corn
- CorVision
- COWSEL
- CPL
- Cryptol
- csh
- Csound
- CSP
- CUDA
- Curl
- Curry
- Cybil
- Cyclone
- Cython

4 D

- D
- DASL (Datapoint's Advanced Systems Language)
- DASL (Distributed Application Specification Language)
- Dart
- DataFlex
- Datalog
- DATATRIEVE
- dBase

- dc
- DCL
- Deesel (formerly G)
- Delphi
- DinkC
- DIBOL
- Dog
- Draco
- DRAKON
- Dylan
- DYNAMO

5 E

- E
- E#
- EarSketch
- Ease
- Easy PL/I
- Easy Programming Language
- EASYTRIEVE PLUS
- ECMAScript
- Edinburgh IMP
- EGL
- Eiffel
- ELAN
- Elixir
- Elm
- Emacs Lisp
- Emerald
- Epigram
- EPL
- Erlang
- es
- Escher
- ESPOL

- Esterel
- Etoys
- Euclid
- Euler
- Euphoria
- EusLisp Robot Programming Language
- CMS EXEC (EXEC)
- EXEC 2
- Executable UML

6 F

- F
- F#
- F*
- Factor
- Falcon
- Fantom
- FAUST
- FFP
- Fjölfnir
- FL
- Flavors
- Flex
- FlooP
- FLOW-MATIC
- FOCAL
- FOCUS
- FOIL
- FORMAC
- @Formula
- Forth
- Fortran – ISO/IEC 1539
- Fortress
- FoxBase
- FoxPro

- FP
- Franz Lisp
- Frege
- F-Script

7 G

- G
- Game Maker Language
- GameMonkey Script
- GAMS
- GAP
- G-code
- GDScript
- Genie
- GDL
- GJ
- GEORGE
- GLSL
- GNU E
- GM
- Go
- Go!
- GOAL
- Gödel
- Golo
- GOM (Good Old Mad)
- Google Apps Script
- Gosu
- GOTRAN
- GPSS
- GraphTalk
- GRASS
- Groovy

8 H

- Hack
- HAGGIS
- HAL/S
- Hamilton C shell
- Harbour
- Hartmann pipelines
- Haskell
- Haxe
- Hermes
- High Level Assembly
- HLSL
- Hop
- Hopscotch
- Hope
- Hugo
- Hume
- HyperTalk

9 I

- IBM Basic assembly language
- IBM HAScript
- IBM Informix-4GL
- IBM RPG
- ICI
- Icon
- Id
- IDL
- Idris
- IMP
- Inform
- INTERLISP
- Io
- Ioke
- IPL

- IPTSCRAE
- ISLISP
- ISPF
- ISWIM

10 J

- J
- J#
- J++
- JADE
- JAL
- Janus (concurrent constraint programming language)
- Janus (time-reversible computing programming language)
- JASS
- Java
- JavaScript
- JCL
- JEAN
- Join Java
- JOSS
- Joule
- JOVIAL
- Joy
- JScript
- JScript .NET
- JavaFX Script
- Julia
- Jython

11 K

- K
- Kaleidoscope
- Karel
- Karel++
- KEE
- Kixtart
- Klerer-May System
- KIF
- Kojo
- Kotlin
- KRC
- KRL
- KRL (KUKA Robot Language)
- KRYPTON
- ksh

12 L

- L
- L# .NET
- LabVIEW
- Ladder
- Lagoon
- LANS
- Lasso
- Lava
- LC-3
- Leda
- Legoscript
- LIL
- LilyPond
- Limbo
- Limnor
- LINC
- Lingo

- LIS
- LISA
- Lisaac
- Lisp – ISO/IEC 13816
- Lite-C
- Lithe
- Little b
- Logo
- Logtalk
- LotusScript
- LPC
- LSE
- LSL
- LiveScript
- Lua
- Lucid
- Lustre
- LYaPAS
- Lynx
- MASM Microsoft Assembly x86
- MATH-MATIC
- Mathematica
- MATLAB
- Maxima (see also Macsyma)
- Max (Max Msp – Graphical Programming Environment)
- MaxScript internal language 3D Studio Max
- Maya (MEL)
- MDL
- Mercury
- Mesa
- Metafont
- Microcode
- MicroScript
- MIIS
- Milk (programming language)
- MIMIC
- Mirah
- Miranda
- MIVA Script
- ML
- Model 204
- Modelica
- Modula
- Modula-2
- Modula-3
- Mohol
- MOO
- Mortran
- Mouse
- MPD
- Mathcad
- MSIL – deprecated name for CIL
- MSL
- MUMPS
- Mystic Programming Language (MPL)

13 M

- M2001
- M4
- M#
- Machine code
- MAD (Michigan Algorithm Decoder)
- MAD/I
- Magik
- Magma
- make
- Maude system
- Maple
- MAPPER (now part of BIS)
- MARK-IV (now VISION:BUILDERS)
- Mary

14 N

- NASM
- Napier88
- Neko
- Nemerle
- nesC
- NESL
- Net.Data
- NetLogo
- NetRexx
- NewLISP
- NEWP
- Newspeak
- NewtonScript
- NGL
- Nial
- Nice
- Nickle
- Nim
- NO
- NPL
- Not eXactly C (NXC)
- Not Quite C (NQC)
- NSIS
- Nu
- Numpy
- NWScript
- NXT-G
- NPL

15 O

- o:XML
- Oak
- Oberon
- OBJ2
- Object Lisp
- ObjectLOGO
- Object REXX
- Object Pascal
- Objective-C
- Objective-J
- Obliq
- OCaml
- occam
- occam- π
- Octave
- OmniMark
- Onyx
- Opa
- Opal
- OpenCL
- OpenEdge ABL
- OPL
- OpenVera
- OPS5
- OptimJ
- Orc
- ORCA/Modula-2
- Oriel
- Orwell
- Oxygene
- Oz

16 P

- P''
- P#
- ParaSail (programming language)
- PARI/GP
- Pascal – ISO 7185
- PCASTL
- PCF
- PEARL
- PeopleCode
- Perl
- PDL
- Perl 6
- Pharo
- PHP
- Pico
- Picolisp
- Pict
- Pike
- PIKT
- PILOT
- Pipelines
- Pizza
- PL-11
- PL/0
- PL/B
- PL/C
- PL/I – ISO 6160
- PL/M
- PL/P
- PL/SQL
- PL360
- PLANC
- Plankalkül
- Planner
- PLEX
- PLEXIL
- Plus
- POP-11
- POP-2
- PostScript
- Portable
- Powerhouse
- PowerBuilder – 4GL GUI application generator from Sybase
- PowerShell
- PPL
- Processing
- Processing.js
- Prograph
- PROIV
- Prolog
- PROMAL
- Promela
- PROSE modeling language
- PROTEL
- ProvideX
- Pro*C
- Pure
- Pure Data
- Python

17 Q

- Q (equational programming language)
- Q (programming language from Kx Systems)
- Qalb
- QtScript
- QuakeC
- QPL

18 R

- R
- R++
- Racket
- RAPID
- Rapira
- Ratfiv
- Ratfor
- rc
- REBOL
- Red
- Redcode
- REFAL
- Reia
- REXX
- Rlab
- ROOP
- RPG
- RPL
- RSL
- RTL/2
- Ruby
- RuneScript
- Rust
- SAM76
- SAS
- SASL
- Sather
- Sawzall
- SBL
- Scala
- Scheme
- Scilab
- Scratch
- Script.NET
- Sed
- Seed7
- Self
- SenseTalk
- SequenceL
- SETL
- SIMPOL
- SIGNAL
- SiMPLE
- SIMSCRIPT
- Simula
- Simulink
- Singularity
- SISAL
- SLIP
- SMALL
- Smalltalk
- Small Basic
- SML
- Strongtalk
- Snap!
- SNOBOL(SPITBOL)
- Snowball
- SOL
- SPARK

19 S

- S
- S2
- S3
- S-Lang
- S-PLUS
- SA-C
- SabreTalk
- SAIL
- SALSA

- Speedcode
- SPIN
- SP/k
- SPS
- SQL
- SQR
- Squeak
- Squirrel
- SR
- S/SL
- Stackless Python
- Starlogo
- Strand
- Stata
- Stateflow
- Subtext
- SuperCollider
- SuperTalk
- Swift (Apple programming language)
- Swift (parallel scripting language)
- SYMPL
- Symsyn
- SyncCharts
- SystemVerilog
- TeX
- TEX
- TIE
- Timber
- TMG, compiler-compiler
- Tom
- TOM
- TouchDevelop
- Toi
- Topspeed
- TPU
- Trac
- TTM
- T-SQL
- Transcript
- TTCN
- Turing
- TUTOR
- TXL
- TypeScript
- Turbo C++

20 T

- T
- TACL
- TACPOL
- TADS
- TAL
- Tcl
- Tea
- TECO
- TELCOMP

21 U

- Ubercode
- UCSD Pascal
- Umple
- Unicon
- Uniface
- UNITY
- Unix shell
- UnrealScript

22 V

- Vala
- Verilog
- VHDL
- Visual Basic
- Visual Basic .NET
- Visual DataFlex
- Visual DialogScript
- Visual Fortran
- Visual FoxPro
- Visual J++
- Visual J#
- Visual Objects
- Visual Prolog
- VSXu
- vvvv

23 W

- WATFIV, WATFOR
- WebDNA
- WebQL
- Whiley
- Windows PowerShell
- Winbatch
- Wolfram Language
- Wyvern

24 X

- XBL
- XC (exploits XMOS architecture)
- xHarbour
- XL
- Xojo
- XOTel
- XPL

- XPL0
- XQuery
- XSB
- XSharp
- XSLT – see XPath
- Xtend

25 Y

- Yorick
- YQL
- Yoix

26 Z

- Z notation
- Zeno
- ZOPL
- Zsh
- ZPL

27 See also

- Lists of programming languages
- Comparison of programming languages
- List of BASIC dialects by platform
- List of markup languages
- List of stylesheet languages
- History of programming languages

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28.1 Text

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McInnes, Burchard, Cybercobra, Geoffr, Kleuske, Uli-witness, Mwtoews, RayGates, ALK, Maschwab, BTiffin, KevinLayer, Wossi, Maatghandi, Barbalet, ArglebargleIV, Doug Bell, General IZation, Rijkbenik, Statson, Yzt, IronGargoyle, Llamadog903, Saravanants, M3b, Tarcieri, BenRayfield, Optakeover, Kiamlaluno, Kvng, Wwagner, Hans Bauer, Jack Waugh, Iridescent, Blehfu, Talandor, ChrisKuijp, Jpluis@gmail.com, SeL, Splang, SkyWalker, Jhendrix, Olaf Davis, JohnCD, Jwalantsoneji, Cynbe, Roshan baladhanvi, Timtrent, YavaPava, Pyrotek7x7, Karenjc, Glenn4pr, Hemlock Martinis, Mblumber, Meno25, B3rt0h, Msnicki, Torc2, Mcgyver5, SpK, Darkrandomkid, Honeplus, Hervegirod, N5iln, Zron, JeffB-enwiki, LeeNapier, Jojan, Danthemanpirates, Electron9, Ted55, Rzyzkc, Acaciz, AntiVandalBot, Ais523, Dsuess, KKong, Fayenatic london, Dcorzine, Oddity-, Deadbeef, JAnDbot, Glass Tomato, The Transhumanist, Michig, JoeStanton, Magioladitis, Bongwarrior, VoABot II, Dekimasu, Blakeo x, Yakushima, JamesBWatson, Dick107, 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Universalscosmos, KoshVorlon, Khvalamde, Txcrossbow, UncleMartin, StaticGull, Skylab72, HairyWombat, XDaniell, Bajsejohannes, Dom96, ClueBot, The Thing That Should Not Be, Pi zero, Dydmarco, Mild Bill Hiccup, Wikit2007, Rosuav, Bigown, Niceguyedc, Quantum leap07, PMDrive1061, Drwebster93, Excirial, Splatbert, Dsamarin, TonyBallioni, PixelBot, TuxedoPanther, Echion2, TCMP, ThinPetr, Mlesniak-enwiki, Kryzon, Thingg, 1ForTheMoney, 7, Kikos, Ubardak, Buenotaco55, Boleyn, Zerofire0, XLinkBot, ChuckEsterbrook, Stickee, EastTN, Little Mountain 5, Skarebo, NellieBly, Frood, Alexius08, RP459, Blake1024, Styxis, Addbot, Basilicofresco, JBSupreme, Melab-1, TutterMouse, Fwoolz, Jncraton, Cjullien, LiXizhi, VampireFrost, Glane23, L3thalm4n, DavidBParker, DavidL, Axiarsa-enwiki, Tassedethe, Ricvelozo, Balabiot, Jarble, Rhmccullough, Legobot, Luckas-bot, Yobot, WikiDan61, Bunnyhop11, Ittakezou0, Fraggel81, TaBOT-zerem, Fnorling, Mardeg, THEN WHO WAS PHONE?, TheFranky, Brucemcgee, Trockenfisch, 4th-otaku, Rtfb, Delroth, AnomieBOT, Apollo1758, Noq, Rubinbot, Jim1138, Galoubet, Wickorama, Lagw, Sphincorp, MaterialsScientist, RobertEves92, Flylanguage, RockJuno, SophiePaul, GB fan, ArthurBot, Jimmy Bergmark, AusZero, Xqbot, TheAM-mollusc, Qinghao, NeoPolus, Capricorn42, Drilnoth, CoolingGibbon, Swampware, Hacker 112, The Evil IP address, Loserpenguin15, Joshvito, SoggyDog, Thelostone.dragon, ScallopMonger, Info4u2read2, Rgruchalski, Shadowjams, Suryayangsta, Noname4million, Mcm-lxxxii, Robykiwi-enwiki, Thehelpfulbot, Stewkingjr, RetiredWikipedian789, Edgars2007, FrescoBot, Voxii, Pawel2467, Dd75sg, Jc3s5h, Kamenraider, D'ohBot, Databaseg, Finalius, Duksis-enwiki, Ajgood, Razornylon, ClickRick, Hanna Khyll, Bhat.amit, Light Emitting Diode, Noodlenoggin98, DrilBot, Jeremjay24, NurAzije, Rushbugled13, Tehuglyscientist, Serols, Σ, Donkeydonkeydonkeydonkey, Xeworlebi, Sixstese, Cnwilliams, Necromantiarian, Leodescal, Some Color Mage, Callanec, Tofutwitch11, Vrenator, 777sms, 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Callyalater1989, Divyakarwal, Pekar-2zone, Quenhitrans, Sam Sailor, Windsor2252, Pavel Senatorov, RALaMorte, Msfclipper, Thestrayout, Beartham, JaconaFrere, Skr15081997, Dylanknowles, The Pie= 3.14, CatcherStorm, BlitzGreg, Tomohiro Iizuka, Nonirap, Alina Citea, Kbe1729, Dsprc, Nototto, Brijeshfadiya, Aaronyoung123, Vdnprasad, Callyifornia, HamPizza, Funforme3, Piagetmodeler, TripleAAACubedX3, Proxima Centauri, Scottfromscott, BartJong, Cuestix, KH-1, GeorgeEpicGen, GreenWeasel11, Triloog, Spumuq, Neatsfoot, Sunnyonfire1, Rhys R², Phasesaber, TemenaPE, Casseb, Zemiak123, Rubbish computer, Thatguy25252525, Squinge, ScriptorTony, Willformalize, Rexlcd, Andreas.t.jonsson, Pysaumont, Batalvi00920092, Eric0928, Kneox, 3 of Diamonds, Emmaclinton, John Beany, Meyou777, NuclearLemon, Wetitpig0, The Quixotic Potato, Eliadmoshe, Hobrarror, MrCBax, Dfbacon, XMath100, Anonymousman454, Fibonacci2358, JumboBOSS, IsaacStone, Auiois, Chrissymad, Adotchar,

Grubisic, Ushkin N, Marvellous Spider-Man, SimonNikThomassen, POOJASHETTY, Rjgordon, LynxTufts, LeaIkk, CS104G14, Null-Constant, LuciferMoSt, Robin syihab, Vanh17, Alisher12398, Cvbp, DeveloperTK, Lumpology, AlexMytnyk, A57795779 and Anonymous: 1337

28.2 Images

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