Year	Name	Chief developer, company	Predecessor(s)
<u>Pre-</u>			
<u>1950</u>	51 1 H H H /		
1943- 45	<u>Plankalkül (concept)</u>	Konrad Zuse	none (unique language)
1943-	ENIAC coding system	John von Neumann, John	none (unique language)
46	LIVIAC COUING SYSTEM	Mauchly, J. Presper Eckert, Herman Goldstine after Alan Turing	none (unique language)
1946	ENIAC Short Code	Richard Clippinger, John von Neumann after Alan Turing	ENIAC coding system
1946	Von Neumann and	John von	ENIAC coding system
	Goldstine graphing system (Notation)	Neumann and Herman Goldstine	
1947	ARC Assembly	Kathleen Booth	ENIAC coding system
1948	CPC Coding scheme	Howard H. Aiken	Analytical Engine order code
1948	Curry notation system	Haskell Curry	ENIAC coding system
1948	<u>Plankalkül (concept</u> <u>published)</u>	Konrad Zuse	none (unique language)
1949	Short Code	John Mauchly and William F. Schmitt	ENIAC Short Code
<u>1950s</u>			
1950	Short Code	William F Schmidt, Albert B. Tonik, J.R. Logan	Brief Code
1950	Birkbeck Assembler	<u>Kathleen Booth</u>	ARC
1951	<u>Superplan</u>	<u>Heinz Rutishauser</u>	Plankalkül
1951	<u>ALGAE</u>	Edward A Voorhees and Karl Balke	none (unique language)
1951	Intermediate Programming Language	<u>Arthur Burks</u>	Short Code
1951	Regional Assembly Language	Maurice Wilkes	EDSAC
1951	Boehm unnamed coding system	Corrado Böhm	CPC Coding scheme
1951	<u>Klammerausdrücke</u>	Konrad Zuse	Plankalkül
1951	OMNIBAC Symbolic Assembler	<u>Charles Katz</u>	Short Code
1951	Stanislaus (Notation)	<u>Fritz Bauer</u>	none (unique language)
1951	Whirlwind assembler	Charles Adams and Jack Gilmore at MIT Project Whirlwind	EDSAC
1951	Rochester assembler	Nat Rochester	EDSAC
1951	Sort Merge Generator	Betty Holberton	none (unique language)
1952	<u>A-0</u>	Grace Hopper	Short Code
1952	Glennie Autocode	Alick Glennie after Alan Turing	CPC Coding scheme
1952	Editing Generator	Milly Koss	SORT/MERGE
1952	COMPOOL	RAND/SDC	none (unique language)
1953	Speedcoding	John W. Backus	none (unique language)
1953	READ/PRINT	Don Harroff, James Fishman, George Ryckman	none (unique language)

1954	Laning and Zierler system	Laning, Zierler, Adams at MIT Project Whirlwind	none (unique language)
1954	Mark I Autocode	Tony Brooker	Glennie Autocode
1954-	Fortran (concept)	Team led by John W.	Speedcoding
55		Backus at IBM	
1954	ARITH-MATIC	Team led by Grace	A-0
		Hopper at UNIVAC	
1954	MATH-MATIC	Team led by Charles Katz	A-0
1954	MATRIX MATH	H G Kahrimanian	none (unique language)
1954	IPL I (concept)	Allen Newell, Cliff	none (unique language)
		Shaw, Herbert A. Simon	
1955	FLOW-MATIC	Team led by Grace	A-0
		Hopper at UNIVAC	
1955	BACAIC	M. Grems and R. Porter	
1955	PACT I	<u>SHARE</u>	FORTRAN, A-2
1955	Freiburger Code	University of Freiburg	N/A
1955-	<u>Sequentielle</u>	Fritz Bauer and Karl	Boehm
56	<u>Formelübersetzung</u>	Samelson	
1955-	<u>II</u>	Team led by Alan Perlis	Laning and Zierler
56	DDINT	IDA4	
1955	PRINT	IBM	IPL I
1958	IPL II (implementation)	Allen Newell, Cliff	IPLI
1956-	LISP (concept)	Shaw, Herbert A. Simon John McCarthy	IPL
58	<u>List (concept)</u>	John McCartry	IFL
1957	COMTRAN	Bob Bemer	FLOW-MATIC
1957	GEORGE	Charles Leonard Hamblin	none (unique language)
1957	Fortran I (implementation)	John W. Backus at IBM	FORTRAN
1957-	UNICODE	Remington Rand UNIVAC	MATH-MATIC
58			
1957	COMIT (concept)		none (unique language)
1958	Fortran II	Team led by John W.	FORTRAN I
		Backus at IBM	
1958	ALGOL 58 (IAL)	ACM/GAMM	FORTRAN, IT, Sequentielle
			Formelübersetzung
1958	<u>IPL V</u>	Allen Newell, Cliff	IPL II
		Shaw, Herbert A. Simon	
1959	<u>APT</u>	Douglas T. Ross	
1959	FACT	Fletcher R. Jones, Roy Nutt,	none (unique language)
1070		Robert L. Patrick	
1959	COBOL (concept)	The CODASYL Committee	FLOW-MATIC, COMTRAN, FACT
1959	JOVIAL	Jules Schwartz at SDC	ALGOL 58
1959	LISP (implementation)	John McCarthy Pruse Arden Bernard	IPL
1959	MAD – Michigan Algorithm Decoder	Bruce Arden, Bernard Galler, and Robert M.	ALGOL 58
	<u>Decodel</u>	Graham	
1959	TRAC (concept)	Calvin Mooers	
1960s	That feolicepti	CUIVIII WIOOCIS	
1960	ALGOL 60		ALGOL 58
1960	COBOL	The CODASYL Committee	FLOW-MATIC, COMTRAN
	61 (implementation)		.,,
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1961	COMIT (implementation)		none (unique language)
1962	FORTRAN IV	<u>IBM</u>	FORTRAN II
1962	APL (concept)	Kenneth E. Iverson	none (unique language)
1962	Simula (concept)		ALGOL 60
1962	SNOBOL	Ralph Griswold, et al.	FORTRAN II, COMIT
1963	CPL	Barron, Christopher	ALGOL 60
		Strachey, et al.	
1963	SNOBOL3	Griswold, et al.	SNOBOL
1963	ALGOL 68 (concept)	Adriaan van	ALGOL 60
		Wijngaarden, et al.	
1963	JOSS I	Cliff Shaw, RAND	ALGOL 58
1964	MIMIC	H. E. Petersen, et al.	MIDAS
1964	COWSEL	Rod Burstall, Robin	CPL, LISP
		Popplestone	- , -
1964	PL/I (concept)	IBM	ALGOL 60, COBOL, FORTRAN
1964	BASIC	John George	FORTRAN II, JOSS
		Kemeny and Thomas	
		Eugene Kurtz at Dartmouth	
		College	
1964	IBM RPG	IBM	FARGO
1964	Mark-IV	Informatics	
1964	Speakeasy-2	Stanley Cohen at Argonne	Speakeasy
	opeanousy _	National Laboratory	
1964	TRAC (implementation)	Calvin Mooers	
1964	P"	Corrado Böhm	none (unique language)
1964?	IITRAN	<u> </u>	none (amque ianguage)
1965	RPG II	IBM	FARGO, RPG
1965	MAD/I (concept)	University of Michigan	MAD, ALGOL 60, PL/I
1965	TELCOMP	BBN	JOSS
1965	Atlas Autocode	Tony Brooker, Derrick	Algol 60, Autocode
		Morris at Manchester	g = - = ,
		University	
1966	JOSS II	Chuck Baker, RAND	JOSS I
1966	ALGOL W	Niklaus Wirth, C. A. R.	ALGOL 60
		Hoare	
1966	FORTRAN 66		FORTRAN IV
1966	ISWIM (Concept)	Peter J. Landin	LISP
1966	CORAL66		ALGOL 60
1966	APL (implementation)	Kenneth E. Iverson	none (unique language)
1967	<u>BCPL</u>	Martin Richards	CPL
1967	MUMPS	Massachusetts General	FORTRAN, TELCOMP
		Hospital	
1967	Simula	Ole-Johan Dahl, Bjørn	ALGOL 60
	67 (implementation)	Myhrhaug, Kristen	
		Nygaard at Norsk	
		Regnesentral	
1967	<u>InterLisp</u>	D.G. Bobrow and D.L.	Lisp
		Murphy	
1967	<u>EXAPT</u>	Herwart Opitz, Wilhelm	<u>APT</u>
		Simon, Günter Spur, and	
		Gottfried Stute at RWTH	
,			

		Aachen University and TU Berlin	
1967	SNOBOL4	Ralph Griswold, et al.	SNOBOL3
1967	XPL	William McKeeman, et	PL/I
		al. at University of	•
		California Santa Cruz,	
		California	
		J. J. Horning, et	
		al. at Stanford University	
1967	Space Programming	System Development	JOVIAL
1307	Language (SPL)	Corporation	30 11/12
1968	ALGOL	Adriaan van	ALGOL 60
1500	68 (UNESCO/IFIP standard)	Wijngaarden, Barry J.	ALGOLOG
	oo (onesco) ii ii standara)	Mailloux, John E. L.	
		Peck and Cornelis H. A.	
		Koster, et al.	
1968	POP-1	Rod Burstall, Robin	COWSEL
1300	<u>101 1</u>	Popplestone	CO 11322
1968	DIBOL-8	DEC	DIBOL
1968	Forth (concept)	Moore	2.202
1968	LOGO	Wally Feurzeig, Seymour	LISP
		Papert, Cynthia Solomon	
1968	MAPPER	Unisys	CRT RPS
1968	REFAL (implementation)	Valentin Turchin	none (unique language)
1968	TTM (implementation)	Steven Caine and E. Kent	GAP, GPM
		Gordon, California Institute	
		of Technology	
1968	<u>PILOT</u>	John Amsden	Computest
		Starkweather, University of	
		California, San Francisco	
1969	PL/I (implementation)	<u>IBM</u>	ALGOL 60, COBOL, FORTRAN
1969	<u>B</u>	Ken Thompson, with	BCPL
		contributions from Dennis	
		Ritchie	
1969	Polymorphic Programming	Thomas A. Standish	
	<u>Language (PPL)</u>	at Harvard University	
1969	<u>SETL</u>	Jack Schwartz at Courant	
		Institute of Mathematical	
		Sciences	
1969	TUTOR	Paul Tenczar & University of	
		Illinois at Urbana-	
		<u>Champaign</u>	
1969	Edinburgh IMP	Edinburgh University	Algol 60, Autocode, Atlas Autocode
<u>1970s</u>	Family Co. 1	Charles II AA	
1970?	Forth (implementation)	Charles H. Moore	DOD 4
1970	POP-2	Robin Popplestone	POP-1
1970	<u>Pascal</u>	Niklaus Wirth, Kathleen	ALGOL 60, ALGOL W
1070	DLICC	Jensen	ALCOL
1970	BLISS	Wulf, Russell, Habermann	ALGOL
		at Carnegie Mellon	
		<u>University</u>	

1971	<u>KRL</u>	Daniel G. Bobrow at Xerox PARC, Terry Winograd at Stanford University	KM, FRL (MIT)
1971	<u>Sue</u>	Ric Holt <i>et al.</i> at University of Toronto	Pascal, XPL
1971	Compiler Description Language (CDL)	Cornelis H.A. Koster at University of Nijmegen	
1972	<u>Smalltalk</u>	Alan Kay, Adele Goldberg, Dan Ingalls, Xerox PARC	Simula 67
1972	<u>PL/M</u>	Gary Kildall at Digital Research	PL/I, ALGOL, XPL
1972	<u>C</u>	Dennis Ritchie	B, BCPL, ALGOL 68
1972	INTERCAL	Don Woods and James M. Lyon	none (unique language)
1972	<u>Prolog</u>	Alain Colmerauer	2-level W-Grammar
1972	Structured Query language (SQL)	<u>IBM</u>	ALPHA, Quel (Ingres)
1973	COMAL	Børge Christensen, Benedict Løfstedt	Pascal, BASIC
1973	<u>ML</u>	Robin Milner	
1973	LIS	Jean Ichbiah <i>et al.</i> at CII Honeywell Bull	Pascal, Sue
1973	<u>Speakeasy-3</u>	Stanley Cohen, Steven Pieper at Argonne National Laboratory	Speakeasy-2
1974	<u>CLU</u>	Barbara Liskov	ALGOL 60, Lisp, Simula
1974	GRASS	Thomas A. DeFanti	BASIC
1974	BASIC FOUR	MAI BASIC Four Inc.	Business BASIC
1974	PROSE modeling language	CDC 6600 Cybernet Services	SLANG, FORTRAN
1975	ABC	Leo Geurts and Lambert Meertens	<u>SETL</u>
1975	Irvine Dataflow (concept)	Arvind?, University of California, Irvine	
1975	PROSE modeling language Time-Sharing Version	CDC 6400 Cybernet KRONOS Services	SLANG, FORTRAN
1975	<u>Scheme</u>	Gerald Jay Sussman, Guy L. Steele, Jr.	LISP
1975	Altair BASIC	Bill Gates, Paul Allen	BASIC
1975	<u>CS-4</u>	James S. Miller, Benjamin M. Brosgol et al. at Intermetrics	ALGOL 68, BLISS, ECL, HAL
1975	<u>Modula</u>	Niklaus Wirth	Pascal
1976	<u>Plus</u>	Allan Ballard, Paul Whaley at the University of British Columbia	Pascal, Sue
1976	Smalltalk-76	Xerox PARC	Smalltalk-72
1976	<u>Mesa</u>	Xerox PARC	ALGOL

1076	CANAZC	Claude A. D. Vagan	LICE TRAC
1976	SAM76	Claude A.R. Kagan	LISP, TRAC
1976	Ratfor	Brian Kernighan	C, FORTRAN
1976	<u>S</u>	John Chambers at Bell Labs	APL, PPL, Scheme
1976	SAS	SAS Institute	
1977	FP	John Backus	none (unique language)
1977	Bourne Shell (sh)	Stephen R. Bourne	none (unique language)
1977	Commodore BASIC	Jack Tramiel	Licensed from Microsoft
1977	<u>IDL</u>	David Stern of Research Systems Inc	Fortran
1977	Standard MUMPS		MUMPS
1977	Icon (concept)	Ralph Griswold	SNOBOL
1977	Red	Benjamin M. Brosgol <i>et al.</i> at Intermetrics for US Dept of Defense	ALGOL 68, CS-4
1977	<u>Blue</u>	John B. Goodenough <i>et al.</i> at SofTech for US Dept of Defense	ALGOL 68
1977	Yellow	Jay Spitzen <i>et al.</i> at SRI International for US Dept of Defense	ALGOL 68
1977	<u>Euclid</u>	Butler Lampson at Xerox Parc, Ric Holt and James Cordy at University of Toronto	
1978	RAPT	Pat Ambler and Robin Popplestone	<u>APT</u>
1978	<u>C shell</u>	Bill Joy	<u>C</u>
1978	RPG III	<u>IBM</u>	FARGO, RPG, RPG II
1978	HAL/S	designed by Intermetrics for NASA	<u>XPL</u>
1975	Irvine Dataflow (implementation)	Arvind and Gostelow, University of California, Irvine	
1978?	<u>MATLAB</u>	Cleve Moler at the University of New Mexico	<u>Fortran</u>
1978?	SMALL	Nevil Brownlee at the University of Auckland	Algol60
1978	<u>VisiCalc</u>	Dan Bricklin, Bob Frankston marketed by VisiCorp	none (unique language)
1979	Modula-2	Niklaus Wirth	Modula, Mesa
1979	REXX	Mike Cowlishaw at IBM	PL/I, BASIC, EXEC 2
1979	<u>AWK</u>	Alfred Aho, Peter J. Weinberger, Brian Kernighan	C, SNOBOL
1979	Icon (implementation)	Ralph Griswold	SNOBOL
1979	Vulcan dBase-II	Wayne Ratliff	none (unique language)
<u>1980s</u>			
1980	Ada 80 (MIL-STD-1815)	Jean Ichbiah at CII Honeywell Bull	Green

1980	C with classes	Bjarne Stroustrup	C, Simula 67
1980-	<u>CBASIC</u>	Gordon Eubanks	BASIC, Compiler Systems, Digital Research
81	CDASIC	GOTGOTT EUDATIKS	basic, compiler systems, digital research
1981	BBC BASIC	Acorn Computers, Sophie	BASIC
1301	<u>550 57.610</u>	Wilson	57.0.10
1981	IBM BASICA	Microsoft	BASIC
1982?	Speakeasy-IV	Stanley Cohen, et	Speakeasy-3
	<u> </u>	al. at Speakeasy Computing	
		Corporation	
1982?	Draco	Chris Gray	Pascal, C, ALGOL 68
1982	PostScript	Warnock	InterPress
1982	Turing	Ric Holt and James Cordy,	Euclid
		at University of Toronto	
1983	<u>GW-BASIC</u>	<u>Microsoft</u>	IBM BASICA
1983	<u>Turbo Pascal</u>	Hejlsberg at Borland	<u>Pascal</u>
1983	Ada 83 (ANSI/MIL-STD-	Jean Ichbiah at Alsys	Ada 80, Green
	<u>1815A)</u>		
1983	Objective-C	Brad Cox	Smalltalk, C
1983	<u>C++</u>	Bjarne Stroustrup	C with Classes
1983	True BASIC	John George	BASIC
		Kemeny, Thomas Eugene	
		Kurtz at Dartmouth College	
1983	<u>occam</u>	<u>David May</u>	EPL
1983?	<u>ABAP</u>	SAP AG	COBOL
1983	Korn Shell (ksh)	David Korn	sh
1983	Clascal	Apple Computer Inc.	<u>Pascal</u>
1984	<u>CLIPPER</u>	Nantucket	dBase
1984	Common Lisp	Guy L. Steele, Jr. and many	LISP
1984?	GOM – Good Old Mad	others Don Boettner, University of	MAD
1304:	GOW - GOOD OID WAD	Michigan	WAD
1984	RPL	Hewlett-Packard	Forth, Lisp
1984	Standard ML	Trewiett Fackara	ML
1984	Redcode	Alexander	
2307	<u>1100000</u>	Dewdney and D.G. Jones	
1984	OPL	PSION	BASIC
1985	PARADOX	Borland	dBase
1985	QuickBASIC	Microsoft	BASIC
1986	Clarion	Bruce Barrington	
1986	CorVision	Cortex	INFORM
1986	<u>Eiffel</u>	Bertrand Meyer	Simula 67, Ada
1986	GFA BASIC	Frank Ostrowski	BASIC
1986	Informix-4GL	<u>Informix</u>	
1986	<u>LabVIEW</u>	National Instruments	
1986	<u>Miranda</u>	David Turner at University	
		of Kent	
1986	Object Pascal	Apple Computer Inc.	Pascal
1986	PROMAL		С
1987	Ada ISO 8652:1987	ANSI/MIL-STD-1815A	Ada 83
	- 151	<u>unchanged</u>	
1987	Self (concept)	Sun Microsystems Inc.	Smalltalk

1987	occam 2	David May and INMOS	<u>occam</u>
1987	HyperTalk	Apple Computer Inc.	none (unique language)
1987	Perl	Larry Wall	C, sed, awk, sh
1987	Oberon	Niklaus Wirth	Modula-2
1987	Erlang	Joe Armstrong and others in Ericsson	Prolog
1987	Mathematica (Wolfram Language)	Wolfram Research	none (unique language)
1987	<u>Turbo Basic</u>	Robert 'Bob' Zale	BASIC/Z
1987	<u>Clean</u>	Software Technology Research Group of Radboud University Nijmegen	none (unique language)
1988	RPG/400	<u>IBM</u>	FARGO, RPG, RPG II, RPG III
1988	<u>Octave</u>		MATLAB
1988	Tcl	John Ousterhout	Awk, Lisp
1988	STOS BASIC	François Lionet and Constantin Sotiropoulos	BASIC
1988	Object REXX	Simon C. Nash	REXX, Smalltalk
1988	<u>SPARK</u>	Bernard A. Carré	Ada
1988	<u>A+</u>	Arthur Whitney	APL
1988	Hamilton C shell	Nicole Hamilton	<u>C shell</u>
1989	Turbo Pascal OOP	Anders Hejlsberg at Borland	Turbo Pascal, Object Pascal
1989	Modula-3	Cardeli, et al. DEC and Olivetti	Modula-2
1989	<u>PowerBASIC</u>	Robert 'Bob' Zale	Turbo Basic
1989	<u>VisSim</u>	Peter Darnell, Visual Solutions	
1989	<u>LPC</u>	<u>Lars Pensjö</u>	
1989	<u>Bash</u>	Brian Fox	Bourne shell, C shell, Korn shell
1989	Magik (programming language)	Arthur Chance, of Smallworld Systems Ltd	<u>Smalltalk</u>
<u>1990s</u>			
1990	AMOS BASIC	François Lionet and Constantin Sotiropoulos	STOS BASIC
1990	AMPL	Robert Fourer, David Gay and Brian Kernighan at Bell Laboratories	
1990	Object Oberon	H Mössenböck, J Templ, R Griesemer	Oberon
1990	Ī	Kenneth E. Iverson, Roger Hui at Iverson Software	APL, FP
1990	Haskell		Miranda
1990	EuLisp		Common Lisp, Scheme
1990	Z Shell (zsh)	Paul Falstad at Princeton University	ksh
1991	<u>GNU E</u>	David J. DeWitt, Michael J. Carey	<u>C++</u>
1991	Oberon-2	<u>Hanspeter</u> <u>Mössenböck, Wirth</u>	Object Oberon

1991	<u>Python</u>	Guido van Rossum	ABC, ALGOL 68, Icon, Modula-3
1991	<u>Oz</u>	Gert Smolka and his students	Prolog
1991	Q	Albert Gräf	
1991	<u>Visual Basic</u>	Alan Cooper, sold to Microsoft	QuickBASIC
1992	Borland Pascal		Turbo Pascal OOP
1992	<u>Dylan</u>	many people at Apple Computer Inc.	Common Lisp, Scheme
1993?	Self (implementation)	Sun Microsystems Inc.	Smalltalk
1993	Amiga E	Wouter van Oortmerssen	DEX, C, Modula-2
1993	<u>Brainfuck</u>	Urban Müller	P"
1993	LiveCode Transcript		HyperTalk
1993	<u>AppleScript</u>	Apple Computer Inc.	HyperTalk
1993	<u>K</u>	Arthur Whitney	APL, Lisp
1993	<u>Lua</u>	Roberto Ierusalimschy et al. at Tecgraf, PUC-Rio	Scheme, SNOBOL, Modula, CLU, C++
1993	<u>R</u>	Robert Gentleman and Ross Ihaka	S
1993	<u>ZPL</u>	Chamberlain et al. at University of Washington	С
1993	<u>NewtonScript</u>	Walter Smith	Self, Dylan
1994	<u>Claire</u>	Yves Caseau	Smalltalk, SETL, OPS5, Lisp, ML, C, LORE, LAURE
1994	ANSI Common Lisp		Common Lisp
1994	RAPID	ABB Group	ARLA
			, <u>-</u>
1994	<u>Pike</u>	Fredrik Hübinette et al. at Linköping University	LPC, C, μLPC
1994 1994	Pike ANS Forth	· · · · · · · · · · · · · · · · · · ·	
		at Linköping University	LPC, C, μLPC
1994	ANS Forth	at Linköping University Elizabeth Rather, et al. S. Tucker Taft, et al. at	LPC, C, μLPC Forth
1994 1995	ANS Forth Ada 95	at Linköping University Elizabeth Rather, et al. S. Tucker Taft, et al. at Intermetrics, Inc.	LPC, C, μLPC Forth Ada 83
1994 1995 1995	ANS Forth Ada 95 Borland Delphi	at Linköping University Elizabeth Rather, et al. S. Tucker Taft, et al. at Intermetrics, Inc. Anders Hejlsberg at Borland	LPC, C, μLPC Forth Ada 83
1994 1995 1995 1995	ANS Forth Ada 95 Borland Delphi ColdFusion (CFML)	at Linköping University Elizabeth Rather, et al. S. Tucker Taft, et al. at Intermetrics, Inc. Anders Hejlsberg at Borland Allaire James Gosling at Sun	LPC, C, μLPC Forth Ada 83 Borland Pascal C, Simula 67, C++, Smalltalk, Ada 83,
1994 1995 1995 1995 1995	ANS Forth Ada 95 Borland Delphi ColdFusion (CFML) Java	at Linköping University Elizabeth Rather, et al. S. Tucker Taft, et al. at Intermetrics, Inc. Anders Hejlsberg at Borland Allaire James Gosling at Sun Microsystems	LPC, C, μLPC Forth Ada 83 Borland Pascal C, Simula 67, C++, Smalltalk, Ada 83, Objective-C, Mesa
1994 1995 1995 1995 1995	ANS Forth Ada 95 Borland Delphi ColdFusion (CFML) Java LiveScript	at Linköping University Elizabeth Rather, et al. S. Tucker Taft, et al. at Intermetrics, Inc. Anders Hejlsberg at Borland Allaire James Gosling at Sun Microsystems Brendan Eich at Netscape Zoltan Somogyi at University of	LPC, C, μLPC Forth Ada 83 Borland Pascal C, Simula 67, C++, Smalltalk, Ada 83, Objective-C, Mesa Self, C, Scheme
1994 1995 1995 1995 1995 1995	ANS Forth Ada 95 Borland Delphi ColdFusion (CFML) Java LiveScript Mercury	at Linköping University Elizabeth Rather, et al. S. Tucker Taft, et al. at Intermetrics, Inc. Anders Hejlsberg at Borland Allaire James Gosling at Sun Microsystems Brendan Eich at Netscape Zoltan Somogyi at University of Melbourne	LPC, C, μLPC Forth Ada 83 Borland Pascal C, Simula 67, C++, Smalltalk, Ada 83, Objective-C, Mesa Self, C, Scheme Prolog, Hope, Haskell
1994 1995 1995 1995 1995 1995	ANS Forth Ada 95 Borland Delphi ColdFusion (CFML) Java LiveScript Mercury	at Linköping University Elizabeth Rather, et al. S. Tucker Taft, et al. at Intermetrics, Inc. Anders Hejlsberg at Borland Allaire James Gosling at Sun Microsystems Brendan Eich at Netscape Zoltan Somogyi at University of Melbourne Rasmus Lerdorf	EPC, C, µLPC Forth Ada 83 Borland Pascal C, Simula 67, C++, Smalltalk, Ada 83, Objective-C, Mesa Self, C, Scheme Prolog, Hope, Haskell Perl
1994 1995 1995 1995 1995 1995 1995	ANS Forth Ada 95 Borland Delphi ColdFusion (CFML) Java LiveScript Mercury PHP Ruby	at Linköping University Elizabeth Rather, et al. S. Tucker Taft, et al. at Intermetrics, Inc. Anders Hejlsberg at Borland Allaire James Gosling at Sun Microsystems Brendan Eich at Netscape Zoltan Somogyi at University of Melbourne Rasmus Lerdorf Yukihiro Matsumoto	EPC, C, µLPC Forth Ada 83 Borland Pascal C, Simula 67, C++, Smalltalk, Ada 83, Objective-C, Mesa Self, C, Scheme Prolog, Hope, Haskell Perl Smalltalk, Perl
1994 1995 1995 1995 1995 1995 1995 1995	ANS Forth Ada 95 Borland Delphi ColdFusion (CFML) Java LiveScript Mercury PHP Ruby JavaScript	at Linköping University Elizabeth Rather, et al. S. Tucker Taft, et al. at Intermetrics, Inc. Anders Hejlsberg at Borland Allaire James Gosling at Sun Microsystems Brendan Eich at Netscape Zoltan Somogyi at University of Melbourne Rasmus Lerdorf Yukihiro Matsumoto Brendan Eich at Netscape David Kranz, Steve Ward,	EPC, C, µLPC Forth Ada 83 Borland Pascal C, Simula 67, C++, Smalltalk, Ada 83, Objective-C, Mesa Self, C, Scheme Prolog, Hope, Haskell Perl Smalltalk, Perl LiveScript
1994 1995 1995 1995 1995 1995 1995 1995	ANS Forth Ada 95 Borland Delphi ColdFusion (CFML) Java LiveScript Mercury PHP Ruby JavaScript Curl	at Linköping University Elizabeth Rather, et al. S. Tucker Taft, et al. at Intermetrics, Inc. Anders Hejlsberg at Borland Allaire James Gosling at Sun Microsystems Brendan Eich at Netscape Zoltan Somogyi at University of Melbourne Rasmus Lerdorf Yukihiro Matsumoto Brendan Eich at Netscape David Kranz, Steve Ward, Chris Terman at MIT Blue World	EPC, C, µLPC Forth Ada 83 Borland Pascal C, Simula 67, C++, Smalltalk, Ada 83, Objective-C, Mesa Self, C, Scheme Prolog, Hope, Haskell Perl Smalltalk, Perl LiveScript
1994 1995 1995 1995 1995 1995 1995 1996 1996	ANS Forth Ada 95 Borland Delphi ColdFusion (CFML) Java LiveScript Mercury PHP Ruby JavaScript Curl Lasso	at Linköping University Elizabeth Rather, et al. S. Tucker Taft, et al. at Intermetrics, Inc. Anders Hejlsberg at Borland Allaire James Gosling at Sun Microsystems Brendan Eich at Netscape Zoltan Somogyi at University of Melbourne Rasmus Lerdorf Yukihiro Matsumoto Brendan Eich at Netscape David Kranz, Steve Ward, Chris Terman at MIT Blue World Communications Inc. Karl Glazebrook, Jarle Brinchmann, Tuomas Lukka,	LPC, C, µLPC Forth Ada 83 Borland Pascal C, Simula 67, C++, Smalltalk, Ada 83, Objective-C, Mesa Self, C, Scheme Prolog, Hope, Haskell Perl Smalltalk, Perl LiveScript Lisp, C++, Tcl/Tk, TeX, HTML

1996	<u>NetRexx</u>	Mike Cowlishaw	REXX
1997	<u>Component Pascal</u>	Oberon microsystems, Inc	Oberon-2
1997	<u>E</u>	Mark S. Miller	Joule, Original-E
1997	<u>Pico</u>	Free University of Brussels	Scheme
1997	<u>Squeak Smalltalk</u>	Alan Kay, <i>et al</i> . at Apple Computer Inc.	Smalltalk-80, Self
1997	ECMAScript	ECMA TC39-TG1	JavaScript
1997	<u>F-Script</u>	Philippe Mougin	Smalltalk, APL, Objective-C
1997	<u>ISLISP</u>	ISO Standard ISLISP	Common Lisp
1997	<u>Tea</u>	Jorge Nunes	Java, Scheme, Tcl
1997	REBOL	<u>Carl Sassenrath, Rebol</u> <u>Technologies</u>	Self, Forth, Lisp, Logo
1998	Standard C++	ANSI/ISO Standard C++	C++, Standard C, C
1998	<u>M2001</u>	Ronald E. Prather, Trinity University (Texas)	none (unique language)
1998	<u>Pikt</u>	Robert Osterlund (then at University of Chicago)	AWK, Perl, Unix shell
1998	<u>PureBasic</u>	Frederic Laboureur, Fantaisie Software	
1998	<u>UnrealScript</u>	Tim Sweeney at Epic Games	C++, Java
1999	XSLT (+ XPath)	W3C, James Clark	DSSSL
1999	Game Maker Language (GML)	Mark Overmars	Game Maker
1999	Harbour	Antonio Linares	dBase
<u>2000s</u>			
2000	<u>Join Java</u>	G Stewart von Itzstein	Java
2000	<u>ActionScript</u>	Gary Grossman	ECMAScript
2000	<u>Joy</u>	Manfred von Thun	FP, Forth
2000	<u>XL</u>	Christophe de Dinechin	Ada, C++, Lisp
2000	<u>C#</u>	Anders Hejlsberg, Microsoft (ECMA)	C, C++, Java, Delphi, Modula-2
2000	<u>D</u>	Walter Bright, Digital Mars	C, C++, C#, Java
2000	<u>Ferite</u>	Chris Ross	C, C++, Java, PHP, Python, Ruby, Scheme
2001	<u>AspectJ</u>	Gregor Kiczales, Xerox PARC	Java, Common Lisp
2001	Processing	Casey Reas and Benjamin Fry	Java, C, C++
2001	Visual Basic .NET	<u>Microsoft</u>	Visual Basic
2001	RPG IV (RPGLE, ILE RPG, RPG Free)	<u>IBM</u>	FARGO, RPG, RPG II, RPG III, RPG/400
2001	GDScript (GDS)	OKAM Studio	Godot
2002	<u>lo</u>	Steve Dekorte	Self, NewtonScript, Lua
2002	Gosu	Guidewire Software	GScript
2003	<u>Nemerle</u>	University of Wrocław	C#, ML, MetaHaskell
2003	<u>Factor</u>	<u>Slava Pestov</u>	Joy, Forth, Lisp
2003	<u>Falcon</u>	Giancarlo Niccolai	C++, Perl, Lua, Smalltalk, PHP, Lisp, Python, Ruby
2003	<u>Scala</u>	Martin Odersky	Smalltalk, Java, Haskell, Standard ML, OCaml
2003	Squirrel	Alberto Demichelis	Lua
2004	Subtext	Jonathan Edwards	none (unique language)
2004	Alma-0	Krzysztof Apt, Centrum Wiskunde & Informatica	none (unique language)

2004	<u>Boo</u>	Rodrigo B. de Oliveira	Python, C#
2004	<u>FreeBASIC</u>	Andre Victor	QBasic
2004	Groovy	James Strachan	Java
2004	<u>Little b</u>	Aneil Mallavarapu, Harvard	Lisp
		Medical School,	
		Department of Systems	
		Biology	
2005	<u>F#</u>	Don Syme, Microsoft	OCaml, C#, Haskell
		Research	
2005	Seed7	Thomas Mertes	none (unique language)
2006	<u>Links</u>	Philip Wadler, University of	Haskell
		Edinburgh	
2006	<u>Cobra</u>	ChuckEsterbrook	Python, C#, Eiffel, Objective-C
2006	Windows PowerShell	<u>Microsoft</u>	C#, ksh, Perl, CL, DCL, SQL
2006	<u>OptimJ</u>	<u>Ateji</u>	<u>Java</u>
2007	Ada 2005	Ada Rapporteur Group	Ada 95
2007	<u>Agda</u>	Ulf Norell	Coq, Epigram, Haskell
2007	<u>Fantom</u>	Brian Frank, Andy Frank	C#, Scala, Ruby, Erlang
2007	<u>Scratch</u>	Mitchel Resnick, John	Logo, Smalltalk, Squeak, E-Toys, HyperCard,
		Maloney, Natalie Rusk,	AgentSheets, StarLogo, Tweak, BYOB
		Evelyn Eastmond, Tammy	
		Stern, Amon Millner, Jay	
		Silver, and Brian Silverman	
2007	<u>Vala</u>	GNOME	C#
2007	Clojure	Rich Hickey	Lisp, ML, Haskell, Erlang
2007	Fortress	Guy Steele	Scala, ML, Haskell
2007	Oberon-07	Wirth	Oberon
2007	LOLCODE	Adam Lindsay	none (unique language)
2008	<u>Nim</u>	Andreas Rumpf	Python, Lisp, Object Pascal
2008	<u>Genie</u>	Jamie McCracken	Python, Boo, D, Object Pascal
2008	<u>Pure</u>	Albert Gräf	Q
2009	<u>Go</u>	<u>Google</u>	C, Oberon, Limbo, Smalltalk
2009	CoffeeScript	Jeremy Ashkenas	JavaScript, Ruby, Python, Haskell
2009	<u>Idris</u>	Edwin Brady	Haskell, Agda, Coq
2009	<u>Parasail</u>	S. Tucker Taft, AdaCore	Modula, Ada, Pascal, ML
<u>2010s</u>			
2010	<u>Chapel</u>	Brad Chamberlain, Cray Inc.	HPF, ZPL
2010	Rust	Graydon Hoare, Mozilla	Alef, C++, Camlp4, Common
			Lisp, Erlang, Hermes, Limbo,
			Napier, Napier88, Newsqueak,
			NIL, Sather, Standard ML
2011	<u>Ceylon</u>	Gavin King, Red Hat	<u>Java</u>
2011	<u>Dart</u>	Google	Java, JavaScript, CoffeeScript, Go
2011	<u>Elm</u>	Evan Czaplicki	Haskell, Standard ML, OCaml, F#
2011	<u>Kotlin</u>	<u>JetBrains</u>	Java, Scala, Groovy, C#, Gosu
2011	<u>C++11</u>	C++ ISO/IEC 14882:2011	C++, Standard C, C
2011	Red	Nenad Rakocevic	Rebol, Scala, Lua
2012	Elixir	José Valim	Erlang, Ruby, Clojure
2012	TypeScript	Anders Hejlsberg, Microsoft	JavaScript, CoffeeScript
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2012	<u>Julia</u>	Jeff Bezanson, Stefan Karpinski, Viral Shah, Alan Edelman, MIT	MATLAB, Lisp, C, Fortran, Mathematica (strictly its Wolfram Language), Python, Perl, R, Ruby, Lua
2012	Ada 2012	ARA and Ada Europe (ISO/IEC 8652:2012)	Ada 2005, ISO/IEC 8652:1995/Amd 1:2007
2014	<u>Hack</u>	<u>Facebook</u>	PHP
2014	<u>Swift</u>	Apple Inc.	Objective- C, Rust, Haskell, Ruby, Python, C#, CLU
2014	<u>C++14</u>	C++ ISO/IEC 14882:2014	C++, Standard C, C
2016	Ring	Mahmoud Fayed	Lua, Python, Ruby, C, C#, BASIC, QML, xBase, Supernova