

Software name	Category	Significance	Author/Point of contact	Source	Suggested by
Adventure/Colossal Cave	game	classic interactive game	-	http://www.rickadams.org	Jim Rumbaugh, Ron Jeffries, Gene Spafford, Moshe Vardi
Aegis	operating system	first network file system	-	-	Michael Fischer
Algol-60 compiler	language	classic language	Edsger Dijkstra, Tony Hoare	British Computer Society	Jim Rumbaugh, Paul Clements, Andy Tanenbaum, Brian Randell, Richard Brent, Jim Horing, Lance Hoffman
Alto OS	operating system	classic operating system	-	-	Douglas Comer, Jeanette Wing
Amiga Kickstart	operating system	classic operating system	-	-	Ron Jeffries, Jakob Eriksson
Apache	web	classic open source Web product	Brian Belhendorf	-	Grady Booch, Brian Dallery
APL	language	classic language	Iverson	-	Ron Jeffries, Paul Clements, Gene Spafford, Jim Horing, Roger Needham
Apollo navigation system	application	classic/historically significant application	-	-	Jeanette Wing
Atlas OS	operating system	first demand paging operating system	-	-	Gene Spafford
Basic (Dartmouth)	language	classic language	-	-	Gene Spafford, Capers Jones, Gordon Bell
Basic (Gates)	language	classic language	Bill Gates	-	Grady Booch, Gordon Bell
BBN TCP/IP	web	essential application	-	-	Douglas Comer, Carl Kesselman, Jeanette Wing, Bill Chaisson
Berkeley Time Sharing system	operating system	classic operating system	-	-	Ron Jeffries
Brain	virus	first PC virus	-	-	Gene Spafford, Capers Jones
Bravo	text editing	predecessor to Word	Simonyi	-	Jim Horing, Jim Gray, Jeanette Wing, David Patterson, Paul McJones
Burroughs 5500 OS	operating system	classic operating system	-	-	Tony Hoare, Tom Van Vleck

Burroughs 6700 MCP	operating system	classic operating system	-	-	Bran Selic
C	language	classic language	-	-	Ron Jeffries, Richard Brent, Gordon Bell, Michael Fischer, Paul McJones, Bill Chaisson
Checkers	game	classic game	Samuel	-	Tony Hoare
Chess	game	classic game	Dr. Berliner, Ken Thompson	-	Marco Schumacher, Richard Brent
Chicago Board Options Exchange	application	important financial application	-	-	Bob Binder
CICS OLTP	utility	important transaction application	-	-	Bob Binder
COBOL	language	classic language	-	-	Gordon Bell, Moshe Vardi, Jim Gray, Paul McJones, Watts Humphrey
Collected algorithms of the ACM	algorithms	classic series started in the '60	Ron Boisvert	ACM Transactions on Mathematics	John Rice
CPM	operating system	classic operating system	-	-	Andy Tanenbaum, Gordon Bell
C++	language	first C++ translator	Bjarne Stroustrup	-	Grady Booch, Gordon Bell
CTSS	operating system	classic operating system	-	-	Andy Tanenbaum, Richard Fateman, Michael Fischer, Roger Needham
DAP	language	first one pass time sharing macro assembler	Dorothy Kerkhoff Lieffers	-	Ron Jeffries
Dartmouth time sharing system	operating system	classic operating system	Tom Kurtz	-	Andy Tanenbaum
Datman	database	relational database/dataflow	-	-	Ron Jeffries
DB2	database	first commercial SQL database	-	IBM	Rick Kazman, Bob Binder, Capers Jones, Gordon Bell
DBTG	database	classic database	Charlie Bachman	-	Jim Gray
Deep Blue chess	game	historically significant game	-	-	Marc Sewell, Richard Brent
Director	video editing	first timeline oriented video system	-	Macromind	Marc Canter
Doom	game	classic first person shooter game	-	-	Grady Booch
DOS	operating system	classic operating system	-	Microsoft	Grady Booch, Paul Clements, Andy Tanenbaum, Gordon Bell, Jim Gray, Jeanette Wing

DPL	application	classic IC CAD layout program from N	-	-	Ward Cunningham
ed	text editing	classic editor	-	-	Moshe Vardi
Elizia	AI	classic AI application	Weizenbaum	-	Grady Booch, Carl Kesselman, Terry Winograd
Emacs	text editing	classic editor	-	-	Jim Rumbaugh, Douglas Comer, Gordon Bell, Peter Neuman, Jeanette Wing
Flowmatic	language	predecessor to COBOL	Grace Hopper	-	Tony Hoare
FMS	operating system	first commercial operating system	-	-	Andy Tanenbaum, Tom Van Vleck
Fortran	language	classic language	John Backus	-	Tony Hoare, Bran Selic, Paul Clements, Gene Spafford, Andy Tanenbaum, Richard Brent, Gordon Bell, Jim Horning, Moshe Vardi, Tom Van Vleck, Lance Hoffman, Jim Gray, David Patterson, Roger Needham, Paul McJones, Watts Humphrey
ftp	web	classic network application	-	-	Tony Wasserman
Fuzzball	game	important MUD game	-	-	Gordon Bell
Guardian OS	operating system	classic operating system	-	Tandem	Bob Binder
Hypercard	application	classic application	-	-	Maria Klawe, Dan Rawsthorne
IBM MVS	operating system	classic operating system	-	-	Bob Binder
IBSYS	operating system	classic operating system	-	-	Richard Nance, Lance Hoffman
IMS	database	classic database	-	-	Bob Binder
InterLISP	language	classic language	Warren Teitelman, Larry	-	Bob Ingria, Tony Wasserman
IPL-V	language	classic language	-	-	Peter Neumann
ITS	operating system	classic operating system	-	-	Richard Fateman, Michael Fischer

JOSS	operating system	classic operating system	-	-	Peter Neumann, Roger Needham
JVM	language	classic language	-	-	Gordon Bell, David Patterson
Kermit	web	classic network application	-	-	Carl Kesselman
Linpack	scientific	classic scientific application	J. H. Wilkinson and C. R.	-	Richard Brent
Linux	operating system	classic operating system	Larry McVoy	-	Grady Booch, Brian Dollery, Dossy Shiobara, Richard Brent, David Patterson
Lisa	operating system	classic operating system	-	Apple	Grady Booch, Richard Fateman
Lisp 1.5	language	classic language	-	-	Jim Rumbaugh, Ron Jeffries, Gene Spafford, Jim Fischer, Jeanette Wing, David Patterson, Paul McJones
Lotus 123	application	classic business application	-	-	Terry Winograd, Ralph Johnson, David Patterson
LT	AI	first logic theorist	-	-	Peter Neumann
Mac OS	operating system	classic operating system	-	Apple	Grady Booch, Gene Spafford, Douglas Comer, Gordon Bell, Paul McJones
MacApp	framework	classic/first application framework	-	-	Dan Rawsthorne
MacDraw	application	classic drawing application	-	-	Richard Fateman
Mach	operating system	first microkernel operating system	-	-	Marco Schumacher
MacPaint	application	classic drawing application	-	-	Dan Rawsthorne
MACSYMA	scientific	classic scientific application	Richard Fateman	-	Carl Kesselman, Tony Wasseman
MacWrite	text editing	classic editor	-	-	Grady Booch
MAD	scientific	classic scientific application	Richard Fischer	-	Richard Fateman, Richard Fischer
Manchester Autocode	language	classic language	-	-	Roger Needham
Manic Miner	game	classic game	Matthew Smith	-	Brian Dollery
Mark I time sharing system	operating system	classic operating system	-	-	Jim Rumbaugh
Matlab	scientific	classic scientific application	-	-	Richard Fateman

Maze Wars	game	first network based multiplayer game	Al Kassov	Macromind	Marc Canter, Bruce Damer
mh	web	classic network application	-	-	Tony
MINIX	operating system	predecessor to Linux	Andy Tanenbaum	www.cs.vu.nl/~ast/minix/	Andy Tanenbaum
Modula	language	classic language	-	-	Paul Clements
					Rick Kazman, Carl Kesselman, Dale Dehemery, Capers Jones, Gordon Bell, Jeanette Wing, David Patterson
Mosaic	web	classic network application	Marc Andressen	-	
MP	scientific	classic scientific application	Richard Brent	-	Richard Brent
					Jim Rumbaugh, Gene Spafford, Andy Tanenbaum, Ira Pohl, Tony Wasserman, Richard Fateman, Michael Fischer, Tom Van Vleck, Peter Neuman, David Patterson
Multics	operating system	classic operating system	Tom Van Vleck	-	
MusicWorks	music	first timeline oriented music system	-	Macromind	Marc Canter
Mycin	AI	classic knowledge engineering system	Edward Feigenbaum	-	Grady Booch
Myst	game	classic game	-	-	Dan Rawsthorne
Nelliac	language	first self-hosted compiler	Murry Halstead	-	Bob Glass
Netlib	algorithms	classic series of scientific software	-	http://www.netlib.org/	John Rice
NeXT server/browser	web	historically significant web system	Tim Berners-Lee	-	Rick Kazman, Richard Brent
NextStep	operating system	classic operating system	-	-	Dan Rawsthorne
NLS	operating system	classic operating system	-	-	Terry Winograd
					Grady Booch, Ron Jeffries, Paul Clements, Gene Spafford, Tim Daly, Capers Jones, Jim Gray, Watts Humphrey
OS/360	operating system	classic operating system	-	-	
PacMan	game	classic game	-	-	Dale Dehemery
PageMaker	text editing	desktop publishing that saved the M	Paul Brainerd	-	Tony Wasserman

Pascal	language	classic language	Wirth	-	Andy Tanenbaum, Carl Kesselman, Richard Brent, Jim Horning, Michael Fischer, Paul McJones, Bill Chaisson
PAX	-	ILLIAC program for analyzing nuclear	Prof. Azriel Rosenfeld	-	Prof. Azriel Rosenfeld
PGP	utility	classic/historically significant application	Zimmermann	-	Richard Brent
Photoshop	application	classic drawing application	John and Thomas Knoll	http://www.storyphoto.com	Tony Wasseman
PL/1	language	classic language	-	-	Andy Tanenbaum
Pong	game	first commercial video game	Al Alcorn/Nolan Bushnell	-	Grady Booch, Gene Spafford, Capers Jones, Jeanette Wing, David Patterson
Powerpoint	application	classic business application	Dennis Austin	http://www.bitbetter.com	Tony Wasseman
Prolog	language	classic language	-	-	Rick Kazman
QED	operating system	predecessor to CTSS then Multics	-	-	Peter Neumann
RPG	-	-	-	-	Jim Gray, Watts Humphrey
RT11	operating system	classic operating system	-	-	Gordon Bell
RTOS	operating system	classic operating system	-	-	Bob Binder
rxs	operating system	classic operating system	-	-	Gordon Bell
SABER reservation	application	classic business application	-	-	Marc Sewell
SAGE	command and control	classic command and control system	-	-	Grady Booch
SAIL	laboratory	Stanford AI lab	Les Earnest	-	Les Earnest, John McCarthy
SAINT	scientific	classic scientific application	James Slagle	-	Richard Fateman
SCRIBE	text editing	classic editor	-	-	Peter Neumann
sendmail	web	classic network application	Tomlinson	-	Grady Booch, Capers Jones, Gordon Bell
SHRDLU	AI	classic knowledge representation system	Terry Winograd	-	Grady Booch, Terry Winograd
SimCity	game	classic game	-	-	Dale Dehemery
Simscrip	text editing	classic editor	-	-	Richard Fateman
Simula	language	classic language	-	-	Bran Selic, Gordon Bell, Jim Horning
Sketchpad	application	beginning of interactive computer graphics	Ivan Sutherland	-	Tony Wasseman, Gordon Bell

					Bran Selic, Ron Jeffries, Douglas Comer, Tony Wasserman, Gordon Bell, Terry Winograd, Ward Cunningham, Jeanette Wing, Bill Chaisson
Smalltalk-72	language	classic language	Alan Kay, Adele Goldbe	-	
SNOBOL	language	classic language	-	-	Paul Clements, Gene Spafford
SOAP	assembler	early assembler for the IBM 650	Stan Poley	-	Lance Hoffman
SOP	operating system	classic operating system	-	-	Richard Nance
Space Invaders	game	classic game	-	-	Jim Rumbaugh
SpaceWar	game	first video game	Steve Russell, Alan Kotc	-	Grady Booch, Jim Rumbaugh, Gordon Bell
StarTrek	game	classic game	-	Macromind	Grady Booch
System R	database	predecessor to DB2 and inspiration fo	-	-	Peter McJones
Tcl/tk	language	early scripting language	John Ousterhour	http://home.pacbell.net/d	Tony Wasserman, Dossy Shiobara
TECO	text editing	classic editor	-	-	Richard Fateman, Terry Winograd
TeX	text editing	classic editor	-	-	Maria Klawe, Dale Dehemery, Dossy Shiobara, Terry Winograd, Peter Neuman, Paul McJones
THE operating system	operating system	classic operating system	Edsger Dijkstra	-	Bran Selic
ThingLab	application	classic application framework	Alan Borning	-	Alan Borning
TI Explorer	operating system	classic operating system	-	-	Ron Jeffries
troff	text editing	classic editor	-	-	Rick Kazman, Andy Tanenbaum, Douglas Comer, Richard Fateman, Moshe Verdi
Turbo Pascal	language	classic language	Anders	-	Dossy Shiobara
UCSD p-system	language	classic language	-	-	Grady Booch, Carl Kesselman, Michael Fischer

Uedit	text editing	classic editor	-	-	Philip
					Jim Rumbaugh, Paul Clements, Gene Spafford, Andy Tanenbaum, Douglas Comer, Tony Wasserman, Gordon Bell, Michael Fischer, Jim Gray, Ralph Johnson, Jeanette Wing, David Patterson, Paul McJones
Unix (AT&T and Berkeley)	operating system	classic operating system	-	-	
Usenet news	web	classic network application	-	-	Gene Spafford
UUCP	web	classic network application	-	-	Carl Kesselman
vi	text editing	classic editor	Bill Joy	-	Tony Wasserman, Dossy Shiobara, Moshe Vardi
VideoWorks	application	first timeline oriented animation system	-	Macromind	Marc Canter
					Grady Booch, Tony Wasserman, Capers Jones, Gordon Bell, Michael Fischer, Terry Winograd, Tom Van Vleck, Jim Gray, Ralph Johnson, Jeanette Wing
VisiCalc	application	first commercial spreadsheet application	Dan Bricklin	-	
Visual Basic	language	classic language	Alan Cooper	-	Grady Booch, Brian Dollery, Bill Chaisson
VMS	operating system	classic operating system	-	-	Bob Binder, Gordon Bell, Jim Gray
VRTX/Velocity	operating system	classic operating system	-	-	Bob Binder
Whetstone	language	inspiration for whetstone benchmarks	Brian Randell, Edsger Dijkstra	-	Brian Randell
Windows 3.1	operating system	classic operating system	-	Microsoft	Grady Booch
Windows NT	operating system	classic operating system	-	-	Gordon Bell
					Grady Booch, Tony Wasserman, Gordon Bell, Michael Fischer, Bill Chaisson
Word	text editing	classic editor	Simonyi	Microsoft	
WordStar	text editing	classic editor	-	-	Brian Dollery

WWIV BBS	web	classic network application	-	-	Dossy Shiobara
X window system	application	classic applicaton framework	-	-	Douglas Comer, Karl Kesselman
Xerox Star OS	operating system	prececessor to Macintosh	Bruce Damer, Don Wood	-	Rick Kazman, Bruce Damer, Ron Jeffries, Gene Spafford
XPL	language	classic compiler generator	-	http://www.cs.toronto.edu	David Wortman