

Software name	Category	UN SPSC ID	UN SPSC Name	ACM CCS '98	Significance	Author/Point of contact	Source	Suggested by
Adventure/Colossal Cave	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	classic interactive game	-	http://www.rickadams.org/adventure/	Jim Rumbaugh, Ron Jeffries, Gene Spafford, Moshe Vardi
Aegis	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	first network file system	-	-	Michael Fischer
Algol-60 compiler	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	Edsger Dijkstra, Tony Hoare, Dr.F.E.J.Kruseman Aretz (kruseman@win.tue.nl)	British Computer Society	Jim Rumbaugh, Paul Clements, Andy Tanenbaum, Brian Randell, Richard Brent, Jim Horning, Lance Hoffman
Alto OS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Douglas Comer, Jeanette Wing
Amiga Kickstart	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Ron Jeffries, Jakob Eriksson
Apache	web	43232408	Web platform development software	H.3.5 Information Systems : INFORMATION STORAGE AND RETRIEVAL : Online Information Services : Web-based services	classic open source Web product	Brian Belhendorf	-	Grady Booch, Brian Dollery
APL	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	Iverson	-	Ron Jeffries, Paul Clements, Gene Spafford, Jim Horning, Roger Needham
Apollo navigation system	application	43232607	Flight control software	J.7 Computer Applications : COMPUTERS IN OTHER SYSTEMS :	classic/historically significant application	-	-	Jeanette Wing
Atlas OS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	first demand paging operating system	-	-	Gene Spafford
Basic (Dartmouth)	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	-	-	Gene Spafford, Capers Jones, Gordon Bell
Basic (Gates)	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	Bill Gates	-	Grady Booch, Gordon Bell

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BBN TCP/IP	web	43232900	Networking software	D.4.4 Software : OPERATING SYSTEMS : Communications Management : Network communication	essential application	-	-	Douglas Comer, Carl Kesselman, Jeanette Wing, Bill Chaisson
Berkeley Time Sharing system	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Ron Jeffries
Brain	virus	43233205	Transaction security and virus protection software	D.4.6 Software : OPERATING SYSTEMS : Security and Protection : Invasive software (e.g., viruses, worms, Trojan horses)	first PC virus	-	-	Gene Spafford, Capers Jones
Bravo	text editing	43232104	Word processing software	H.4.1 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Office Automation : Word processing	predecessor to Word	Simonyi	-	Jim Horning, Jim Gray, Jeanette Wing, David Patterson, Paul McJones
Burroughs 5500 OS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Tony Hoare, Tom Van Vleck
Burroughs 6700 MCP	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Bran Selic
C	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	-	-	Ron Jeffries, Richard Brent, Gordon Bell, Michael Fischer, Paul McJones, Bill Chaisson
Checkers	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	classic game	Samuel	-	Tony Hoare
Chess	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	classic game	Dr. Berliner, Ken Thompson, Greenblat	-	Marco Schumacher, Richard Brent
Chicago Board Options Exchange	application	43231500	Business function specific software	J.1 Computer Applications : ADMINISTRATIVE DATA PROCESSING : Financial	important financial application	-	-	Bob Binder

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CICS OLTP	utility	43232313	Transaction server software	H.2.4 Information Systems : DATABASE MANAGEMENT : Systems : Transaction processing	important transaction application	-	-	Bob Binder
COBOL	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	-	-	Gordon Bell, Moshe Vardi, Jim Gray, Paul McJones, Watts Humphrey
Collected algorithms of the ACM	algorithms	43232605	Analytical or scientific software		classic series started in the '60	Ron Boisvert	ACM Transactions on Math Software	John Rice
CPM	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Andy Tanenbaum, Gordon Bell
Cpp/C++	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	first C++ translator	Bjarne Stroustrup	-	Grady Booch, Gordon Bell
CTSS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Andy Tanenbaum, Richard Fateman, Michael Fischer, Roger Needham
DAP	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	first one pass time sharing macro assembler	Dorthy Kerkhoff Lieffers	-	Ron Jeffries
Dartmouth time sharing system	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	Tom Kurtz	-	Andy Tanenbaum
Datman	database	43232300	Data management and query software	H.2.4 Information Systems : DATABASE MANAGEMENT : Systems	relational database/dataflow	-	-	Ron Jeffries
DB2	database	43232300	Data management and query software	H.2.4 Information Systems : DATABASE MANAGEMENT : Systems : Relational databases	first commercial SQL database	-	IBM	RickKazman, Bob Binder, Capers Jones, Gordon Bell
DBTG	database	43232300	Data management and query software	H.2.4 Information Systems : DATABASE MANAGEMENT : Systems	classic database	Charlie Bachman	-	Jim Gray
Deep Blue chess	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	historically significant game	-	-	Marc Sewell, Richard Brent

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Director	video editing	43232103	Video creation and editing software		first timeline oriented video system	-	Macromind	Marc Canter
Doom	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	classic first person shooter game	-	-	Grady Booch
DOS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	Microsoft	Grady Booch, Paul Clements, Andy Tanenbaum, Gordon Bell, Jim Gray, Jeanette Wing
DPL	application	43232604	Computer aided design CAD software	J.6 Computer Applications : COMPUTER-AIDED ENGINEERING : Computer-aided design (CAD)	classic IC CAD layout program from MIT	-	-	Ward Cunningham
ed	text editing	43232100	Content authoring and editing software		classic editor	-	-	Moshe Vardi
Elizia	AI				classic AI application	Weizenbaum	-	Grady Booch, Carl Kesselman, Terry Winograd
Emacs	text editing	43232100	Content authoring and editing software		classic editor	-	-	Jim Rumbaugh, Douglas Comer, Gordon Bell, Peter Neuman, Jeanette Wing
Flowmatic	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	predecessor to COBOL	Grace Hopper	-	Tony Hoare
FMS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	first commercial operating system	-	-	Andy Tanenbaum, Tom Van Vleck
Fortran	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	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

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ftp	web	43232700	Network applications software	C.2.2 Computer Systems Organization : COMPUTER-COMMUNICATION NETWORKS : Network Protocols : Applications	classic network application	-	-	Tony Wasserman
Fuzzball	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	important MUD game	-	-	Gordon Bell
Guardian OS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	Tandem	Bob Binder
Hypercard	application				classic application	-	-	Maria Klawe, Dan Rawsthorne
IBM MVS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Bob Binder
IBSYS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Richard Nance, Lance Hoffman
IMS	database	43232300	Data management and query software	H.2.4 Information Systems : DATABASE MANAGEMENT : Systems	classic database	-	-	Bob Binder
InterLISP	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	Warren Teitelman, Larry Masinter	-	Bob Ingria, Tony Wasserman
IPL-V	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	-	-	Peter Neumann
ITS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Richard Fateman, Michael Fischer
JOSS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Peter Neumann, Roger Needham
JVM	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	-	-	Gordon Bell, David Patterson

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Kermit	web	43232911	Network connectivity terminal emulation software	D.4.4 Software : OPERATING SYSTEMS : Communications Management : Terminal management	classic network application	-	-	Carl Kesselman
Linpack	scientific	43232605	Analytical or scientific software		classic scientific application	J. H. Wilkinson and C. Reinsch	-	Richard Brent
Linux	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	Larry McVoy	-	Grady Booch, Brian Dollery, Dossy Shiobara, Richard Brent, David Patterson
Lisa	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	Apple	Grady Booch, Richard Fateman
Lisp 1.5	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	-	-	Jim Rumbaugh, Ron Jeffries, Gene Spafford, Jim Fischer, Jeanette Wing, David Patterson, Paul McJones
Lotus 123	application	43232110	Spreadsheet software	H.4.1 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Office Automation	classic business application	-	-	Terry Winograd, Ralph Johnson, David Patterson
LT	AI				first logic theorist	-	-	Peter Neumann
Mac OS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	Apple	Grady Booch, Gene Spafford, Douglas Comer, Gordon Bell, Paul McJones
MacApp	framework				classic/first application framework	-	-	Dan Rawsthorne
MacDraw	application	43232102	Graphics or photo imaging software		classic drawing application	-	-	Richard Fateman
Mach	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	first microkernel operating system	-	-	Marco Schumacher
MacPaint	application	43232102	Graphics or photo imaging software		classic drawing application	-	-	Dan Rawsthorne
MACSYMA	scientific	43232605	Analytical or scientific software	I.1.4 Computing Methodologies : SYMBOLIC AND ALGEBRAIC MANIPULATION : Applications	classic scientific application	Richard Fateman	-	Carl Kesselman, Tony Wasserman

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MacWrite	text editing	43232104	Word processing software	H.4.1 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Office Automation : Word processing	classic editor	-	-	Grady Booch
MAD	scientific				classic scientific application	Richard Fischer	-	Richard Fateman, Richard Fischer
Manchester Autocode	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	-	-	Roger Needham
Manic Miner	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	classic game	Matthew Smith	-	Brian Dollery
Mark I time sharing system	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Jim Rumbaugh
Matlab	scientific	43232605	Analytical or scientific software	I.1.4 Computing Methodologies : SYMBOLIC AND ALGEBRAIC MANIPULATION : Applications	classic scientific application	-	-	Richard Fateman
Maze Wars	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	first network based multiplayer game	Al Kassov	Macromind	Marc Canter, Bruce Damer
mh	web	43233501	Electronic mail software	H.4.3 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Communications Applications : Electronic mail	classic network application	-	-	Tony
MINIX	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	predecessor to Linux	Andy Tanenbaum	www.cs.vu.nl/~ast/minix.html	Andy Tanenbaum
Modula	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	-	-	Paul Clements
Mosaic	web	43232705	Internet browser software	H.4.3 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Communications Applications : Information browsers	classic network application	Marc Andressen	-	Rick Kazman, Carl Kesselman, Dale Dehemery, Capers Jones, Gordon Bell, Jeanette Wing, David Patterson

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MP	scientific	43232605	Analytical or scientific software		classic scientific application	Richard Brent	-	Richard Brent
Multics	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	Tom Van Vleck	-	Jim Rumbaugh, Gene Spafford, Andy Tanenbaum, Ira Pohl, Tony Wasserman, Richard Fateman, Michael Fischer, Tom Van Vleck, Peter Neuman, David Patterson
MusicWorks	music	43232005	Music or sound editing software		first timeline oriented music system	-	Macromind	Marc Canter
Mycin	AI	43231511	Expert system software		classic knowledge engineering system	Edward Feigenbaum	-	Grady Booch
Myst	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	classic game	-	-	Dan Rawsthorne
Nelliac	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	first self-hosted compiler	Murry Halstead	-	Bob Glass
Netlib	algorithms	43232605	Analytical or scientific software		classic series of scientific software	-	http://www.netlib.org/	John Rice
NeXT server/browser	web	43232705	Internet browser software	H.4.3 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Communications Applications : Information browsers	historically significant web system	Tim Berners-Lee	-	Rick Kazman, Richard Brent
NextStep	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Dan Rawsthorne
NLS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Terry Winograd
OS/360	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Grady Booch, Ron Jeffries, Paul Clements, Gene Spafford, Tim Daly, Capers Jones, Jim Gray, Watts Humphrey
PacMan	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	classic game	-	-	Dale Dehemery
PageMaker	text editing	43232104	Word processing software		desktop publishing that saved the Mac	Paul Brainerd	-	Tony Wasserman

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Pascal	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	Wirth	-	Andy Tanenbaum, Carl Kesselman, Richard Brent, Jim Horning, Michael Fischer, Paul McJones, Bill Chaisson
PAX	-	43232605	Analytical or scientific software		ILLIAC program for analyzing nuclear bubble chambers	Prof. Azriel Rosenfeld	-	Prof. Azriel Rosenfeld
PGP	utility	43233200	Security and protection software		classic/historically significant application	Zimmermann	-	Richard Brent
Photoshop	application	43232102	Graphics or photo imaging software		classic drawing application	John and Thomas Knoll	http://www.storyphoto.com/multimedia/multimedia_photoshop.html	Tony Wasserman
PL/1	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	-	-	Andy Tanenbaum
Pong	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	first commercial video game	Al Alcorn/Nolan Bushnell	-	Grady Booch, Gene Spafford, Capers Jones, Jeanette Wing, David Patterson
Powerpoint	application	43232106	Presentation software	H.4.1 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Office Automation	classic business application	Dennis Austin	http://www.bitbetter.com/dabio.htm	Tony Wasserman
Prolog	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	-	-	Rick Kazman
QED	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	predecessor to CTSS then Multics	-	-	Peter Neumann
RPG	-	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	-	-	-	Jim Gray, Watts Humphrey
RT11	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Gordon Bell
RTOS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Bob Binder
rxs	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Gordon Bell

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SABER reservation	application	43232600	Industry specific software		classic business application	-	-	Marc Sewell
SAGE	command and control	43232600	Industry specific software		classic command and control system	-	-	Grady Booch
SAIL	laboratory	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	Stanford AI lab	Les Earnest	-	Les Earnest, John McCarthy
SAINT	scientific	43231511	Expert system software	I.1.4 Computing Methodologies : SYMBOLIC AND ALGEBRAIC MANIPULATION : Applications	classic scientific application	James Slagle	-	Richard Fateman
SCRIBE	text editing	43232104	Word processing software	H.4.1 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Office Automation : Word processing	classic editor	-	-	Peter Neumann
sendmail	web	43233501	Electronic mail software	H.4.3 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Communications Applications : Electronic mail	classic network application	Tomlinson	-	Grady Booch, Capers Jones, Gordon Bell
SHRLDU	AI	43231511	Expert system software		classic knowledge representation system	Terry Winograd	-	Grady Booch, Terry Winograd
SimCity	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	classic game	-	-	Dale Dehemery
Simscrip	text editing				classic editor	-	-	Richard Fateman
Simula	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	-	-	Bran Selic, Gordon Bell, Jim Horning
Sketchpad	application	43232102	Graphics or photo imaging software		beginning of interactive computer graphics	Ivan Sutherland	-	Tony Wasserman, Gordon Bell
Smalltalk-72	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	Alan Kay, Adele Goldberg	-	Bran Selic, Ron Jeffries, Douglas Comer, Tony Wasserman, Gordon Bell, Terry Winograd, Ward Cunningham, Jeanette Wing, Bill Chaisson

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SNOBOL	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	-	-	Paul Clements, Gene Spafford
SOAP	assembler	43232400	Development software		early assembler for the IBM 650	Stan Poley	-	Lance Hoffman
SOP	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Richard Nance
Space Invaders	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	classic game	-	-	Jim Rumbaugh
SpaceWar	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	first video game	Steve Russell, Alan Kotok	-	Grady Booch, Jim Rumbaugh, Gordon Bell
StarTrek	game	43232000	Computer game or entertainment software	K.8.0 PERSONAL COMPUTING - General - Games	classic game	-	Macromind	Grady Booch
System R	database	43232300	Data management and query software	H.2.4 Information Systems : DATABASE MANAGEMENT : Systems : Relational databases	predecessor to DB2 and inspiration for Oracle	-	-	Peter McJones
Tcl/tk	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	early scripting language	John Ousterhour	http://home.pacbell.net/ouster/	Tony Wasserman, Dossy Shiobara
TECO	text editing	43232100	Content authoring and editing software		classic editor	-	-	Richard Fateman, Terry Winograd
TeX	text editing	43232104	Word processing software	H.4.1 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Office Automation : Word processing	classic editor	-	-	Maria Klawe, Dale Dehemery, Dossy Shiobara, Terry Winograd, Peter Neuman, Paul McJones
THE operating system	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	Edsger Dijkstra	-	Bran Selic
ThingLab	application				classic application framework	Alan Borning	-	Alan Borning
TI Explorer	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Ron Jeffries

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troff	text editing	43232104	Word processing software	H.4.1 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Office Automation : Word processing	classic editor	-	-	Rick Kazman, Andy Tanenbaum, Douglas Comer, Richard Fateman, Moshe Verdi
Turbo Pascal	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	Anders	-	Dossy Shiobara
UCSD p-system	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	-	-	Grady Booch, Carl Kesselman, Michael Fischer
Uedit	text editing	43232100	Content authoring and editing software		classic editor	-	-	Phlip
Unix (AT&T and Berkeley)	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	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
Usenet news	web	43233500	Information exchange software	H.4.3 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Communications Applications : Bulletin boards	classic network application	-	-	Gene Spafford
UUCP	web	43233500	Information exchange software	C.2.2 Computer Systems Organization : COMPUTER-COMMUNICATION NETWORKS : Network Protocols : Applications	classic network application	-	-	Carl Kesselman
vi	text editing	43232100	Content authoring and editing software		classic editor	Bill Joy	-	Tony Wasserman, Dossy Shiobara, Moshe Vardi
VideoWorks	application	43232103	Video creation and editing software		first timeline oriented animation system	-	Macromind	Marc Canter

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VisiCalc	application	43232110	Spreadsheet software	H.4.1 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Office Automation	first commerical spreadsheet application	Dan Bricklin	-	Grady Booch, Tony Wasserman, Capers Jones, Gordon Bell, Michael Fischer, Terry Winograd, Tom Van Vleck, Jim Gray, Ralph Johnson, Jeanette Wing
Visual Basic	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic language	Alan Cooper	-	Grady Booch, Brian Dollery, Bill Chaisson
VMS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Bob Binder, Gordon Bell, Jim Gray
VRTX/Velocity	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Bob Binder
Whetstone	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	inspiration for whetstone benchmarks	Brian Randell, Edsger Dijkstra	-	Brian Randell
Windows 3.1	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	Microsoft	Grady Booch
Windows NT	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	classic operating system	-	-	Gordon Bell
Word	text editing	43232104	Word processing software	H.4.1 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Office Automation : Word processing	classic editor	Simonyi	Microsoft	Grady Booch, Tony Wasserman, Gordon Bell, Michael Fischer, Bill Chaisson
WordStar	text editing	43232104	Word processing software	H.4.1 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Office Automation : Word processing	classic editor	-	-	Brian Dollery
WWIV BBS	web	43233503	Network conferencing software	H.4.3 Information Systems : INFORMATION SYSTEMS APPLICATIONS : Communications Applications : Bulletin boards	classic network application	-	-	Dossy Shiobara

Software name	Category	UN SPSC ID	UN SPSC Name	ACM CCS '98	Significance	Author/Point of contact	Source	Suggested by
X window system	application	43232404	Graphical user interface development software	D.4.9 Software : OPERATING SYSTEMS : Systems Programs and Utilities : Window managers	classic applicaton framework	-	-	Douglas Comer, Karl Kesselman
Xerox Star OS	operating system	43233004	Operating system software	D.4.0 Software : OPERATING SYSTEMS : General	predecessor to Macintosh	Bruce Damer, Don Woodward	-	Rick Kazman, Bruce Damer, Ron Jeffries, Gene Spafford
XPL	language	43232409	Compiler and decompiler software	D.3.4 PROGRAMMING LANGUAGES : Processors	classic compiler generator	-	http://www.cs.toronto.edu/XPL/	David Wortman