## LOGO TREE PROJECT

Written by P. Boytchev

e-mail: <u>pavel2008-AT-elica-DOT-net</u>

We'd like to thank all the people all over the globe and all over the alphabet who helped us build the Logo Tree:

ADaniel Ajoy, Eduardo de Antueno, Hal Abelson
<b>B</b> Andrew Begel, Carl Bogardus, Dominique Bille, George Birbilis, Ian Bicking, Imre Bornemisza,
Joshua Bell, Luis Belmonte, Vladimir Batagelj, Wayne Burnett
CCharlie, David Costanzo, John St. Clair, Loïc Le Coq, Oliver Schmidt-Chevalier, Paul Cockshott
DAndy Dent, Kent Paul Dolan, Marcelo Duschkin, Mike Doyle
EG. A. Edgar, Mustafa Elsheikh, Randall Embry
FDamien Ferey,
<b>G</b> Bill Glass, Jim Goebel,
<b>ℍ</b> Brian Harvey, Jamie Hunter, Jim Howe, Markus Hunke, Rachel Hestilow
I
JKen Johnson
KEric Klopfer, Leigh Klotz, Susumu Kanemune
LJanny Looyenga, Jean-François Lucas, Lionel Laské, Timothy Lipetz
MAndreas Micheler, Bakhtiar Mikhak, George Mills, Greg Michaelson, Lorenzo Masetti, Michael Malier
Sébastien Magdelyns, Silvano Malfatti
NChaker Nakhli ,Dani Novak, Takeshi Nishiki
<b>0</b>
PPaliokas Ioannis, U. B. Pavanaja, Wendy Petti
Q
RClem Rutter, Emmanuel Roche
SBojidar Sendov, Brian Silverman, Cynthia Solomon, Daniel Sanderson, Gene Sullivan,
TAustin Tate, Gary Teachout, Graham Toal, Marcin Truszel, Peter Tomcsanyi, Seth Tisue, Gene Thail
UPeter Ulrich
VCarlo Maria Vireca, Álvaro Valdes
WArnie Widdowson, Uri Wilensky
<b>X</b>
YAndy Yeh, Ben Yates
<b>Z</b>

## Introduction

The main goal of the Logo Tree project is to build a genealogical tree of new and old Logo implementations. This tree is expected to clearly demonstrate the evolution, the diversity and the vitality of Logo as a programming language.

The Project will go through three phases. The first phase is called **Data Collection**. It started September 2002 and is still active. This phase is about collecting the names of known Logos and some basic data about each implementation. The second phase, **Data Analysis**, is about the analysis for internal relationships among Logo implementations. This phase will start when the records of the Logo Tree are complete enough. The result of this phase will be having determined clusters of historically and evolutionary related Logos. The last phase is the **Data Visualization**. In it the focused will be on the design and the implementation of an interactive visual representation of the Logo Tree.

## WE DO NEED YOUR HELP!

The information needed for building the Logo Tree is hard to locate. The only way to collect this information is to ask you, Logo users and developers, to help us. If you know something about any Logo implementation that is not already included in the records, do not hesitate to contact the author.

For each Logo we collect these data:

- Name the name of the Logo implementation. Versions that come under the same name share the same entry;
- URL URL for the main page (or for a page talking about the given Logo)
- Year the year of the first and the last known versions;
- **Version** the number of the last known version;
- **Status** the status of the implementation. <u>Active</u> if it is still under development and new versions are expected sooner or later. <u>Frozen</u> is an implementation which development is stopped, but is still heavily used. <u>Dead</u> implementations are those that are not supported and most likely there are no active users (for some cases it is hard to say whether they are dead or frozen);
- **Platform** the general OS or hardware platform;
- **Inspirer** this field contains the name of another Logo implementation that inspired physically, ideologically or spiritually the development of the given Logo (this field will connect Logos in a tree). An inspirer could be:
  - o Logo which is a previous version (parent) of the given Logo
  - o Logo which documentation (e.g. set of primitives) is used as a reference
  - Logo which lacked some functionality and this triggered the making of the given Logo
- **Main creators** the names of the people that created the given Logo. If it is a team with many members, then the names of the team leaders or principal researchers. Organizations, institutions and companies are framed in parentheses.

	Laga Nama	URL	Years	Version	Status	Platform	Inquiretor	Main Creator(s)
1.	Logo Name *Logo	UKL	1989~1994	1.1	Status Dead	Connection Ma-	Inspirator  Multi-Logo	Mitch Resnick
						chine 2		(MIT Media Lab)
3.	??Logo?? 11LOGO	ftp://publications.ai.mit.edu/ai-	1997 1973-1974	1.4	Dead	Amiga PDP-11	Logo (Ghost)	
Ŭ. 	TILOGO	publications/pdf/AIM-307a.pdf	1973-1974		Dead	PDF-11	Logo (Griost)	
4.	3-D Logo (Mac)		1991			Apple Mac		
5.	3D-Logo		1985		Dead	PC-9801 (MS- DOS )		
6.	380z Logo	portal.acm.org/citation.cfm?id=382172.3830 22&dl=GUIDE&dl=ACM&idx=J692∂=pe riodical&WantType=periodical&title=ACM%	1981	n/a	Dead	RML 380z	Edinburgh Logo	Peter Ross, Ken Johnson (Edinburgh University, Research Machines)
7.	480z Logo	20SIGSMALL%2FPC%20Notes  portal.acm.org/citation.cfm?id=382172.3830 22&dl=GUIDE&dl=ACM&idx=J692∂=pe riodical&WantType=periodical&title=ACM% 20SIGSMALL%2FPC%20Notes	1982	n/a	Dead	RML 480z	380z Logo	Peter Ross, Ken Johnson (Edinburgh University, Research Machines)
8.	5271Logo	www.nostalgia8.nl/drlogo.htm	2005	n/a	Frozen	IBM 3270 PC (model 5271)	Appricot F1	
9.	Acornsoft Logo		1984		Dead	Acorn BBC micro		
10.	ACSLogo	www.alancsmith.co.uk/logo	1994~2009	1.4f	Active	OS X	Amiga Logo	
11.	Al2LOGO	history.dcs.ed.ac.uk/archive/languages/ai2l	1974-1981	9.10	Dead	ICL4/75, Multi-	Edinburgh Logo	Colin MacArthur, Peter Ross, Ken Johnson
12.	AJLogo	ogo www.inf.ed.ac.uk/about/Alhistory.html www.ajlogo.com	1997~2003	3beta	Active	Java	Amiga Logo, Terrapin Logo,	(Edinburgh University)  Arnie Widdowson
40							Power Logo	
13.	Amiga Logo (ALogo) (LSCI) Apple Logo		1989 1980-1980		Dead Dead	Amiga Apple		Carl Sassenrath
15.	(LSCI) Apple Logo II		1980		Dead	Apple	Atari Logo	
16.	(Apple) Sprite Logo	www.atarimagazines.com/v2n12/logoslinea	1981-1983		Dead	Apple	Apple Logo	
17.	Apricot F1	ge.html www.nostalgia8.nl/drlogo.htm	1984-1985	n/a	Frozen	CP/M	DR Logo	
18.	Aquarius Logo	www.geekvintage.com/mattel-aquarius-	1982-1984	11/4	Dead	Aquarius	DIX LOGO	(Mattel Electronics)
19.	ARLOGO	cartridge-logo.php arlogo.sourceforge.net	2005~2006	Beta 2.4	Active	Win	Berkeley Logo	,
20.	ArrowLogo *	www.nostalgia8.nl/logoversies.htm	1985	Dela 2.4	Dead	DOS	Berkeley Logo	
21.	Atari Logo	www.atarimagazines.com/v2n12/logoslinea	1983		Dead	Atari		
22.	al ICDI aga	ge.html www.aucblogo.org	2004~2008	4.8	Activo	Win. Linux	Dorkolov Logo	
23.	aUCBLogo BBN PDP-1 Logo	http://pagesperso-	1967-1968	4.8	Active Dead	PDP-1	Berkeley Logo BBN Logo	Charles R. Morgan
24.	BBN PDP-10 Logo	orange.fr/logoplus/private/The%20LOGO% 20lineage.pdf	1907-1900		Dead	PDP-10	BBN PDP-1 Logo	Michael Levin (Bolt Beranek and Newman)
25.	Berkeley Amiga Logo	aminet.net/package/dev/lang/ucb_logoPPC	1998	4.01 Amiga	Dead	Amiga	Berkeley Logo	Brian Harvey
26.	Berkeley Logo (UCBLogo)	www.cs.berkeley.edu/~bh/logo.html ucblogo.sourceforge.net	1988~2008	release 1 6.0	Active	Mac, Unix, DOS, Win	Apple Logo II	(University of California Berkeley) Brian Harvey (University of California Berkeley)
27.	Berkeley Logo (Java)	n/a	2001~2002	n/a	Dead	Java	Berkeley Logo	
28.	BlackCat Logo	www.r-e- m.co.uk/rem/xrem.php?T=18735&S=24&G				Win		
29.	Button Box Logo ❖		1979-1980		Dead	(hardware+Z80)	Button Box for Meccano Turtle	Andy Russell, Ken Johnson
30.	Button Box for Meccano Turtle *		1974-1975	n/a	Dead	(Meccano)	Edinburgh Logo	Ben du Boulay, Ricky Emanuel
31.	Camboard Logo	www.r-e- m.co.uk/rem/xrem.php?T=27060&S=24&U= 77&G=2&view=				Win		
32.	CKLOGO		1984	n/a	Dead	BBC microcomputer	Edinburgh Logo	Paul Chung
33.	CLLOGO	ftp://publications.ai.mit.edu/ai-	<1975		Dead	PDP-10	LLOGO, CLOGO	
34.	CLOGO	publications/pdf/AIM-307a.pdf ftp://publications.ai.mit.edu/ai-	<1975		Dead	PDP-10	Logo (Ghost)	
25	Oalaharilaaa	publications/pdf/AIM-307a.pdf	0000	Data 4	A -41:	A atia is O a sint		A mail of NAC and a company
35. 36.	Colabry Logo Cologo	www.colabry.com www.cologo-lang.org	2009	Beta 1 0.1	Active Active	ActionScript Google	AJLogo Berkeley Logo	Arnie Widdowson
37.				J. 1		Spreadsheets	Someton Logo	Honny Ligherman
	Color Logo (CoCo Logo)	www.atarimagazines.com/creative/v10n12/ 94 A comparison of Logos to.php	<1984		Dead	TRS-80 Color Computer		Henry Lieberman
38.	Comenius Logo (SuperLogo, MegaLogo, MultiLogo)	search.barnesandnoble.com/Commodore-	1994~2006	3.0	Frozen	Win	Harward (PC) Logo, WinLogo, Apple Logo	/Torranin Software Commedia - During
	Commodore Logo	<u>Logo/Harold-J-Bailey/e/9780893033767</u>	1982~1990	1.0	Dead	Commodore 64	Terrapin Logo	(Terrapin Software, Commodore Business Machines)
40.	Concurrent-LOGO		1984	n/a	Dead	DOX Del 1	Edinburgh Logo	Paul Chung
41.	Cricket Logo					RCX Brick	(MIT) Red Brick Logo	
42.	Cricket Logo for YoYo		1997			Java	MicroWorlds	
43.	CruisletLogo	etl.ppp.uoa.gr/_content/download/index_do wnload_en.htm	2007	1.2.2	Active	Java	Turtle Tracks	
44.	Curly Logo *	www.amberfrog.com/logo	2008		Active	Javascript	Logotron Logo	David Jones
45.	DFP Logo	www.nostalgia8.nl/logoversies.htm	1993	1.2	Frozen	DOS	MIT PDP-11 Logo	
46.	DL Logo		1987		Dead	OS-9		
47.	DLogo	perso.orange.fr/logoplus/dlogo.htm	2007-2009	Multi-Gfx	Active	Win	Logoplus	
48.	Dolittle	www.pootoloio0.pl/dyless.bl-	2000~2005	1.21	Active	Java CP/M, PC, TOS,	Logob(Win)	Conv Kildoll
	DR Logo	www.nostalgia8.nl/drlogo.htm	1983~1986	n/a	Dead	DOS	PC Logo	Gary Kildall (Digital Research, Inc)
50.	Drape		1997~1999	2.0	Dead	Win		

Column		Logo Name	URL	Years	Version	Status	Platform	Inonirator	Main Creator(s)
The control of the	51.	-						•	( )
March   Control   Contro		L oldio Logo	o state-stage	1000 2000		7101170	Java	Turno Tracke Logo	
Management   Man	52.	easyLogo	www.sincosin.com/	2006	0.60	Active	Win		-
Dec. 1997   Company   Line	53.	Echo Logo	www.realvnc.com/~jnw/spineless/	1996	n/a	Dead	Win	n/a	
# 1909	54.	Edinburgh Logo (EMAS		1973-1984	n/a	Dead	EMAS	LollyPop	
12   Security Turks			riodical&WantType=periodical&title=ACM%						(Edinburgh University)
			20SIGSMALL%2FPC%20Notes						
Proof DOD	55.	Edinburgh Turtle *		1979-1985	n/a	Dead	(Meccano)		Daid Wyse, Andy Russell, Jim Howe
Pages   COD	56.	Elica	www.elica.net	1999~2011	5.6	Active	Win	RLS	
### ### ### ### ### ### ### ### ### ##	57	Evnort OCO	www.orio.od.gov/EDICWohDortal/gustom/po	1004 1006	1.1	Dood	Maa		1
## P2 Ligo		LxperLogo	rtlets/recordDetails/detailmini.jsp? nfpb=tru	1904-1900	1.1	Deau	IVIAC		
Marriagness									
Vertilities									
Peter   Logo									
Section	58.	EZ Logo		<1985		Dead			
March   Marc	59.	First Logo *		1996		Dead	Acorn RISC, Win	n/a	Logotron
Part			l <del></del>						
March   Color			w.logo.com/catalogue/titles/first_logo/nonet.						
Formatte   Program   Pro	60.	FMSL ogo		2004-2009	6 26 0	Active	Win	MSWL ogo	
Company			imsiogo.sourceiorge.net		0.20.0		VVIII	-	
1975   1975	62.	,	www.hexidec.com/galapago.php		0.4		Java	7 Kan 2090	
Collage	63.				<u> </u>			MIT PDP-11 Logo	
Section   Sect	64.			2000	0.0.4		Unix	1	
Handy Board Logo	65.		g-logo.sourceforge.net	2006	0.1 rev 3	Active	Linux	, ,	
Second Column   Second Colum	66.						RCX Brick	(MIT) Red Brick	
Miles	07							Logo	
Strangers Logo				0004 0005	5.0	A -45	\A/i:	Lawa Ozanbia	
					5.0	Active	vvin	Logo Graphico	
HonoyLogo				1983			\\/:- \\/		
Popular   Popu	70.	Honeybee Logo					win, wac		
	71.	HoneyLogo		1985			Win		
	72.	HyperLogo (Mac)		1994	2.0		Apple, Mac		
2002   0.1   Frozen   Sava	73.	IBM Logo	www.nostalgia8.nl/logoversies.htm	1981~1983	1.0	Dead	DOS	Apple Logo	
15   Java Logo   Java Jobo   Java Jobo   Java Jobo   Java   Jav	74.	Imagine Logo		2001~2009	2.12	Active	Win		
78								Microworlds	
	75.	JavaLogo	javalogo.sourceforge.net	2002	0.1	Frozen	Java		
Support   Supp									
New Control	77.	JFLogo		1993-2005		Frozen	DOS, Win		Jean-François Lucas
Ramji LogoWriter			,		2005			Atari Logo	
Record   R	78.	jLogo	www.bfoit.org/itp/jLogoPrimitives.html	2005-2006	2.4		Java	TurtleTalk	
E.   KiwSoft Logo	79.	Kanji LogoWriter		1987-1991				LogoWriter	
10   10   10   10   10   10   10   10	80.	Kannada Logo	www.vishvakannada.com/KannadaLogo	2003	1.0	Active	Win	MSW Logo	
83	81.	KiwiSoft Logo	www.brado-bbs.de/ra326c.htm	1993-1994	1.2a	Frozen	Win		
No.   Comparison of Logos to php   Section   Comparison   Comparison of Logos to php   Section   Comparison of Logos to php   Section   Comparison   Comparison of Logos to php   Section   Comparison		_	klogoturtle.sourceforge.net	2003-2004	0.6	Frozen		-	
	83.			1985-1990		Dead	PMD-85	Apple Logo II	Andrej Blaho
Set   A comparison of Logos to.php   2003-2005   0.1   Active   Unix   KLogo-Turtle   New revisions are not Logo any more   2003-2005   0.1   Active   Unix   KLogo-Turtle   New revisions are not Logo any more   2005-2006   2.0.1.14   Frozen   Win   2003-2006   2.0.1.14   Frozen   2003-2006   2.0.1.14   Frozen   Win   2003-2006   2.0.1.14   Frozen   2003-2006   2.0.1.14   Frozen   Win   2003-2006   2.0.1.14   Frozen   2003-2006   2.0.1.14   Frozen   Win   2003-2006   2.0.1.14   Frozen   2.0.2.1   2.0.1   2.0.2	84.	1	www.atarimagazines.com/creative/v10n12/	1981-1982		Dead	Annle	MIT Apple Logo	
Rever versions are not Logo any more   1983-1984   1.0e   Dead   DOS		Tricii Logo		1001 1002		Dead	трріс	Will Apple Logo	
88. Ladybug Logo         www.nostalgla8.nl/logoversies.htm         1983-1984         1.0e         Dead         DOS           87. LapodaLogo         www.lapoda.hu/logo         2005-2006         2.0.1.14         Frozen         Win           88. Leonardo         sourceforge.net/projects/leonardologo         2006         n/a         Frozen         Java           89. LEGO (TC) Logo         LogoWriter Robotics         LogoWriter Robotics         LogoWriter Robotics         Logo (TC) Logo           91. LollyPop         n/a         1972-1974         n/a         Dead         ICL4130, PDP- LLOGO         Daniel Bobrow           92. LGS         1994-1995         2.0         Dead         DOS         TGS         Pavel Boytchev (TopTeam)           93. LGSW         1995         2.0         Dead         Win         LGS         Pavel Boytchev (TopTeam)           94. Lhogho         Indhosourceforge.net         2004-2009         0.0.024         Active         DOS, Win, Unix         Berkeley Logo, Elica (Sold Inhiersity)           95. Liogo         Iliogo.sourceforge.net         2006-2007         0.4         Active         Net, WPF         UCBLogo         Lionel Laske           96. LLOGO (LISP LOGO)         th//publications/pdf/AlM-307a.pdf         1970-1975         Dead         PDP-11	85.	KTurtle	-	2003-2005	0.1	Active	Unix	KLogo-Turtle	
37.   Lapodal.ogo   www.lapoda.hu/logo   2005-2006   2.0.1.14   Frozen   Win	86.	Ladybug Logo		1983-1984	1 0e	Dead	DOS		
Second   S		, , ,							
Best   LEGO (TC) Logo   LogoWriter   LEGO (TC) Logo			-		-				
Dead	89.							LogoWriter	
91. LollyPop n/a 1972-1974 n/a Dead ICL4130, PDP- ILLOGO Daniel Bobrow  92. LGS 1994~1995 2.0 Dead DOS TGS Pavel Boytchev (TopTeam)  93. LGSW 1995 2.0 Dead Win LGS Pavel Boytchev (TopTeam)  94. Lhogho lhogho_sourceforge.net 2004~2009 0.0.024 Active DOS, Win, Unix Berkeley Logo, Elica Peter Armyanov (Sofia University)  95. Liogo liogo_sourceforge.net 2006~2007 0.4 Active Net, WPF UCBLogo Lionel Laske  96. LLOGO (LISP LOGO) ttp://poublications.ai.mit.edu/ai-publications/pdf/AIM-307a.pdf  97. Logo DOS  98. Logo (IBM/340) eurologo_web_elte_hu/lectures/antueno.htm 1988 Dead IBM/340 TI Logo  99. BBN Logo (Ghost) http://pagesperso-orange.fr/logoplus/private/The%20LOGO% 20lineage.pdf  1966-1967 n/a Dead SDS 940, PDP-1 [Root] Seymour Papert Daniel Bobrow Wallace Feurgzeig Richard Grant Cynthia Solomon	90.	, , ,							
Pavel Boytchev (TopTeam)	91.		n/a	1972-1974	n/a	Dead		1	Daniel Bobrow
Second	02			1004 4005	2.0	Decid	-	TCS	Payal Postabay
94. Lhogho lhogho.sourceforge.net 2004~2009 0.0.024 Active DOS, Win, Unix Berkeley Logo, Elica Pavel Boytchev Peter Armyanov (Sofia University)  95. Liogo liogo.sourceforge.net 2006~2007 0.4 Active .Net, WPF UCBLogo Lionel Laske  96. LLOGO (LISP LOGO) ftp://publications.ai.mit.edu/ai-publications/pdf/AIM-307a.pdf 1970~1975 Dead PDP-11 Logo (Ghost) Henry Lieberman, Daniel Bobrow POP-11 Logo (IBM/340) eurologo.web.elte.hu/lectures/antueno.htm 1988 Dead IBM/340 TI Logo  98. Logo (IBM/340) eurologo.web.elte.hu/lectures/antueno.htm 1988 Dead IBM/340 TI Logo  99. BBN Logo (Ghost) http://pagesperso-orange.fr/logoplus/private/The%20LOGO% 20lineage.pdf I966-1967 n/a Dead SDS 940, PDP-1 [Root] Seymour Papert Daniel Bobrow Wallace Feurgzeig Richard Grant Cynthia Solomon	5∠.	LGO		1994~1995	∠.U	Dead	טטט	169	
Pavel Boytchev Peter Armyanov (Sofia University)	93.	LGSW		1995	2.0	Dead	Win	LGS	
Elica   Peter Armyanov (Sofia University)	94.	Lhogho	Ihogho.sourceforge.net	2004~2009	0.0.024	Active	DOS. Win Unix	Berkelev Logo	
Section   Liogo   Liogo   Liogo   Liogo   Liogo   Liogo   Lionel Laske					3.3.32		,, •		Peter Armyanov
96. LLOGO (LISP LOGO) ftp://publications.ai.mit.edu/ai-publications/pdf/AIM-307a.pdf  97. Logo  98. Logo (IBM/340) eurologo.web.elte.hu/lectures/antueno.htm  99. BBN Logo (Ghost) http://pagesperso-orange.fr/logoplus/private/The%20LOGO% 20lineage.pdf  1970~1975 Dead PDP-11 Logo (Ghost) Henry Lieberman, Daniel Bobrow DOS  1980 DOS  1980 TI Logo  1980 SDS 940, PDP-1 [Root] Seymour Papert Daniel Bobrow Wallace Feurgzeig Richard Grant Cynthia Solomon	95.	Liogo	liogo.sourceforge net	2006~2007	0.4	Active	.Net WPF	UCBI ogo	
97. Logo 98. Logo (IBM/340) 99. BBN Logo (Ghost)  http://pagesperso- orange.fr/logoplus/private/The%20LOGO% 20lineage.pdf  publications/pdf/AIM-307a.pdf  DoS  DoS  II Logo  Seymour Papert Daniel Bobrow Wallace Feurgzeig Richard Grant Cynthia Solomon					JT		·	-	
98. Logo (IBM/340) <u>eurologo.web.elte.hu/lectures/antueno.htm</u> 1988 Dead IBM/340 TI Logo  99. BBN Logo (Ghost) <a href="http://pagesperso-orange.fr/logoplus/private/The%20LOGO%20lineage.pdf">http://pagesperso-orange.fr/logoplus/private/The%20LOGO%20lineage.pdf</a> 1966-1967 n/a Dead SDS 940, PDP-1 [Root] Seymour Papert Daniel Bobrow Wallace Feurgzeig Richard Grant Cynthia Solomon		, ,		.5.5 1010		2000		2090 (0.1001)	, 2.55.man, Bamor Bostow
99. BBN Logo (Ghost)  http://pagesperso- orange.fr/logoplus/private/The%20LOGO% 20lineage.pdf  1966-1967  n/a  Dead  SDS 940, PDP-1  [Root]  Seymour Papert Daniel Bobrow Wallace Feurgzeig Richard Grant Cynthia Solomon		_							
orange.fr/logoplus/private/The%20LOGO% 20lineage.pdf  Daniel Bobrow Wallace Feurgzeig Richard Grant Cynthia Solomon			-						
20lineage.pdf  Wallace Feurgzeig Richard Grant Cynthia Solomon	99.	BBN Logo (Ghost)	http://pagesperso- orange.fr/logoplus/private/The%20LOGO%	1966-1967	n/a	Dead	SDS 940, PDP-1	[Root]	
Cynthia Solomon			20lineage.pdf						Wallace Feurgzeig
(Bolt Beranek and Newman)									
(Learner and the state of the s									(Bolt Beranek and Newman)

			V	., .				Main Constants)
100.	Logo Name	URL	Years	Version	Status	Platform	Inspirator	Main Creator(s)
100.	Logo.Net	<u>users.belgacom.net/logo.net</u> <u>www.smagdelyns.net/Logo.Net/Index.htm</u>	2004~2006	1.6	Frozen	.Net	P_Logo	Sébastien Magdelyns
101.	Logo fuer den PC	www.smagderyns.neu-eogo.neu-maex.mm	1989	2.5	Frozen	DOS	Apple Logo II	
102.	Logo in Scheme		<2000			Scheme	1	Ian Bicking
103.	Logo Interpreter	www.calormen.com/Logo	2008-2009	n/a	Active	JavaScript	Berkeley Logo	
104.	Logo Interpreter in	http://www.ccs.neu.edu/home/arthur/logo.pa	<2000		·	Scheme		Arthur Nunes-Harwitt
405	Scheme	ge.html	2224					
105.	Logo (Interpréteur)	www.darkskull.net/?module=viewprogram&idProduit=10	2001	0.8.2	Frozen	Windows	Logo (on IBM PS/2)	
106.	LogoGL	sourceforge.net/projects/logogl	2006~2007		Active			
107.	Logo Gráfico	eurologo.web.elte.hu/lectures/antueno.htm	1994~2002	4.4	Active	DOS, Win	TI-Logo II	
100	(Graphic Logo)	http://www.fundaustral.com.ar/logo.htm					MSX-Logo	
108.	Logo Learner		0004		Dead	D00 1:	Atari Logo	
110.	Lógó nyelv	logonyelv.sourceforge.net/index-en.html	2001	1.7.1	Frozen	DOS, Linux	Tamania I ana	(Tamasia Caffinasa)
111.	Logo PLUS  Logo Turtle Graphics		1991~2000 1992	2.0	Frozen	Apple, Mac	Terrapin Logo	(Terrapin Software)
112.	Logo for(voor) DOS ❖	www.nostalgia8.nl/logoversies.htm	1988~1994	n/a	Dead	DOS	n/a	
113.	Logo++	clpp.sourceforge.net	1999-2004	0.0.1b	Dead	Win, Unix	none	
114.	Logo3D	sourceforge.net/projects/logo3d	2001-2009	2.0	Frozen	Java	rLogo	Selan Rodrigues dos Santos
	209002	acima.lncc.br/~silvano/logo3di.htm	2001 2000	2.0	1 102011		Legg	Silvano Malfatti
115.	Logo-3D	olivier.sc.free.fr/logosc/l3d.html	1999~2002	2.1		Win		Randall Embry Jean-François Lucas
1		jflucas.club.fr/TelechargerLogicielsPedagog	1000 2002	۷.۱	ı	· · · · · · · · · · · · · · · · · · ·		July 1 Tanyold Education
440	1	iques/TelechargerLogo3D.htm	1000			DOC.	<del>                                     </del>	
116.	Logob <sup>1</sup>		1990~1996	1.26	Frozen	DOS	Berkeley Logo, Apple Logo II	
117.	Logob <sup>2</sup>		1996~2000	2.14	Frozen	Win	Logob <sup>1</sup>	
118.	LogoChip Logo		2004	1.0		LogoChip		
119.	Logo Ensemble				1		Logo Express	
120.	Logo Express						Logo Writer	
121.	Logoplus	perso.orange.fr/logoplus/	2006	Multi-Gfx	Active		Apple Logo,	
		pagesperso-orange.fr/logoplus/			ı		Logo Goupil, MicraLogo,	
					ı		Logo Thomson, JFLogo	
122.	LogoS		1989		Frozen	DOS	or Logo	
123.	Logo Thomson				Dead		Atari Logo	
124.	Logo Goupil	pagesperso-			·		Atari Logo	
		orange.fr/logoplus/logoplusetlesautresversi ons.htm			ı			
125.	Logotron Logo	amber.nfshost.com/logo/doc/what/	[19801991]		Dead	Acorn BBC		
100						micro		
126.	Logo Writer	www.microworlds.com	1985	2.0	Frozen	Apple, Mac, DOS, Win		(LCSI)
127.	Logo Writer II	www.microworlds.com			Frozen		Logo Writer	(LCSI)
128.	Logo Writer2			1990-1991	1		Logo Writer II	(Logo Community Inc)
129.	Logo Writer Win	www.logocom.jp	4	1992-1993		Win	Logo Writer2	(Logo Community Inc)
130.	LSL Logo		<=1991		ı	Acorn BBC		
131.	LXlogo	Ixlogo.sourceforge.net	2005	1.0	Frozen	micro Linux	Win-Logo	
132.	Mach Turtle Logo	el.media.mit.edu/Logo-	1998	2.0		Win		(Mach Turtles Software Inc.)
		foundation/pubs/logoupdate/v7n1/v7n1- releases.html			ı			(**************************************
133.	MacLogo	releases.num	1984			Mac	Apple Logo	
134.	Mac Logo Writer					Mac, LEGO	Logo Writer	
135.	MacStarLogo		1994~2002	2.0.5	Frozen	Mac	Multi-Logo,	(MIT Media Lab)
			·	-	 I		Microworlds,	·
136.	Macc E7 Logo		1005	2	Dead	Apple	*Logo	
-	Mecc EZ Logo MicraLogo	pagesperso-	1985	۷.		Apple	EZ Logo Atari Logo	
	orazogo	orange.fr/logoplus/logoplusetlesautresversi					, wan Logo	
138.	Microworlds	ons.htm www.microworlds.com	1993		Frozen	Mac, DOS, Win	Logo Writer II	(LCSI)
139.	Microworlds 2	www.microworlds.com	1000		. 102611	Mac, DOS, Will	Microworlds	(LCSI)
140.	Microworlds Ex	www.microworlds.com	2005	1.4	Active	Mac, Win	Microworlds Pro	(LCSI)
141.	Microworlds Ex	www.microworlds.com	2004~2005	1.4	Active	Mac, Win	Microworlds Ex	(LCSI)
-	Robotics			*				
142.	Microworlds JR	www.microworlds.com	2004		Active	Win	Microworlds Pro	(LCSI)
143.	Microworlds Pro	www.microworlds.com		•	Frozen	Mac, Win	Microworlds	(LCSI)
	Mini Logo		2002	0.04beta	Frozen	Flash	Commodore Logo	
145. 146.	MIT (Apple) Logo		1004 4000		Dead	Apple  DCV Brick	Pascal Logo	
146.	(MIT) BDB 11 Logo	ftp://publications.ci.mit.adu/=i	1991-1992	n/-	Desi	RCX Brick	LEGO TC Logo	
147.	(MIT) PDP-11 Logo	ftp://publications.ai.mit.edu/ai- publications/pdf/AIM-313.pdf	1974-1982	n/a	Dead	PDP-11		
148.	(MIT) Red Brick Logo		1997-1998				(MIT) Brick Logo	
149.	(MIT) Yellow Brick Logo	el.media.mit.edu/projects/ybl/	1999		<del></del>	Win, Mac,	(MIT) Red Brick	
150	Miles		0004	0.04		RCX Brick	Logo	Didios Mours
150.	M-Logo (MR-FREE Logo0	<u>pagesperso-</u> <u>orange.fr/logoplus/logoplusetlesautresversi</u>	2001	3.01		Win		Didier Maure
1	`	<u>ons.htm</u>	0005			<u> </u>		
454		monologo.sourceforge.net	2002-2003	n/a	Active	.Net	ObjectLogo	
151.	MonoLOGO	-		٥.	A = 4!.	Min	Dowletter	Coorgo Mills
151. 152. 153.	MSWLogo MSX Logo	www.softronix.com/logo.html en.wikipedia.org/wiki/MSX	1993~2005 1983	6.5g	Active Dead	Win DOS	Berkeley Logo	George Mills (Microsoft)

	Logo Name	URL	Years	Version	Status	Platform	Inspirator	Main Creator(s)
154.	Multi-Logo	OKE	1988-1989	Version	Dead	Fiatioiiii	maphator	Mitch Resnick
155.	Music Logo		<1983		Dead	Apple	MIT Apple Logo	
156.	NEC Logo				Dead		Atari Logo	
157.	NEWLOGO		1982		Dead		Al2LOGO	
	NetLogo	ccl.northwestern.edu/netlogo	1999~2010	4.1	Active	Java	StarLogoT	Uri Wilensky, Seth Tisue
	NetLogo 3D	ccl.northwestern.edu/netlogo	2005-2008	Preview 6	Active	Java	NetLogo	(Northwestern University) Uri Wilensky, Seth Tisue
160.	NLLOGO	ftp://publications.ai.mit.edu/ai-	?-1974-?		Dead	PDP-10 ?	LLOGO	(Northwestern University)
161.	NXLogo (LSRHS Logo,	publications/pdf/AIM-307a.pdf	1982-1989	4	Dead	PDP-11, Unix	PDP-11 Unix	
162.	Unix Logo,)		4000	0.04		1.4	Logo, Apple Logo	0, 11:
102.	Object Logo	www.digitool.com/ol-specs.html www.npsnet.com/danf/cbm/languages.html #LOGO	1986	2.61	Dead	Mac		Steve Hain (Digitool, Inc.)
163.	OKLOGO (One Keypress LOGO)		1982-1984	n/a	Dead	Apple II + others	Button Box Logo	Daid Wyse, Andy Russell, Jim Howe (Edinburgh University, Jessop
164.	Open Logo		1998			Acorn BBC micro	Edinburgh Logo	Microelectronics)
165.	OpenLogo	sourceforge.net/projects/openlogo	2005	0.4	Frozen	Java		
166.	OpenStarLogo	education.mit.edu/openstarlogo/	2006	2.22	Active	Java	StarLogo	
167.	Palm Logo		2002			Palm OS	<u> </u>	(PalmSource, Inc.)
168.	papert	code.google.com/p/papert	2008		Active	Javascript		
169.	Pascal Logo (PLOGO)		1977-1978				PDP-11 Logo	
170.	PC Logo	www.nostalgia8.nl/logoversies.htm	1983~2000	4.01.04	Frozen	DOS, Win	Terrapin Logo <sup>1</sup>	Bill Glass (Harvard Associates)
171.	PCW Logo		1992			СРМ		
	PGS (Geomland)	sunsite.univie.ac.at/elica/PGS/INDEX.HTM	1985~1994	4.0	Dead	Apple, DOS	LCSI Apple Logo	Bojidar Sendov Rossen Filimonov Georgi Georgiev Ivan Petrov Vesselin Todorov Ognyan Gavrailov Nikolay Sholev Svetla Boycheva (ComseD, Sofia University)
173.	PIC Logo	gig.media.mit.edu/projects/tower/	2002		Active	Java, PIC Microcontrollers	Cricket Logo	Tim Gorton Brian Silverman Bakhtiar Mikhak
174.	PicoLogo					PicoCricket	Cricket Logo	
175.	P_Logo	olivier.sc.free.fr/logosc/plogosc/telechar.htm	1998~2005	3.02d		Dos, Win	LCSI Apple Logo	(Editions Profil)
176.	PlayLOGO 3D❖	www.videotutorials.gr/playlogo3d.html	2010	1.0 (Catch Me)	Active	Win	Elica	Ioannis Paliokas, Arapidis Christos, Mpimpitsos Michail (ATEI of Thessaloniki, Department of Informatics)
177.	PocketLogo	pocketlogo.sourceforge.net	2008	1.0	Active	WinMobile, Win	Berkeley Logo	
178.	PowerLOGO		1989~1994	1.4	Frozen	Amiga	LCSI Logo, TLC-	
179.	PowerMath Logo				Frozen		Logo LogoWriter	
180.	Primary Logo	www.r-e- m.co.uk/rem/xrem.php?T=16828&S=24&U= 77&G=2&view=				Win		
181.	Probotix for Pro-Bot	www.taglearning.com/productdetails/Proboti				Win		
182.	ProLOGO	x+for+Pro-Bot.html prologo.sourceforge.net	2003	0.9	Frozen	Linux, Win, Mac		
183.	PureGolo❖	www.logitheque.com/logiciels/windows/edu	2005	14.0		XP		Michel Guesdon
		cation/apprentissage_informatique/telechar ger/puregolo_22714.htm						
184.	PyLogo	pylogo.sourceforge.net	2003~2006	0.3	Active	Python	Berkeley Logo	
185.	PyoLogo	wiki.laptop.org/go/PyoLogo	2007	n/a	Active	Python		
186.	Quick Logo (Qlogo)		1998	n/a	Dead	Linux		
187.	Rabbit Logo	gig.media.mit.edu/projects/tower/	2002		Active	Rabbit Processors	Cricket Logo	Tim Gorton Brian Silverman Bakhtiar Mikhak
188.	rLogo	www.embry.com/rLogo	1996-2004	1.0	Frozen	Java	TI Logo II	Randall P. Embry
189.	RLS		1995~1999	3.0	Dead	Win	LGSW	Pavel Boytchev
190.	RM Logo (Nimbus Logo)	history.dcs.ed.ac.uk/history/Software portal.acm.org/citation.cfm?id=382172.3830 22&dl=GUIDE&dl=ACM&idx=J692∂=pe riodical&WantType=periodical&title=ACM% 20SIGSMALL%2FPC%20Notes www.inf.ed.ac.uk/about/Alhistory.html	1983~1985	2	Dead	DOS, Nimbus 186	Edinburgh Logo, 480z Logo	(TopTeam)  Peter Ross, Ken Johnson (Edinburgh University) (Research Machines Limited)
191.	Scheme Logo					Scheme		
192.	Scratch		2004-2009		Active	Java?	Microworlds Pro	
193.	Screen Turtle 2	www.r-e- m.co.uk/topologika/index.php?page=produc t.php&file=screen turtle 2	1992-2000	2.05		Win		Marshal Anderson (Topologika Software)
194.	Script Logo	www.r-e- m.co.uk/rem/xrem.php?T=18721&S=24&U= 77&G=2&view=				Win		
195.	SeeLogo (APGS)❖	www.ithaca.edu/seelogo	1984~2007	2.1.0.1	Active	Java	MIT Apple Logo	David Rosenthal, Dani Novak
196.	SharpLOGO (#Logo)		2003~2004		Frozen	Win	NetLogo	(Ithaca College)
197.	Simple Logo	sourceforge.net/projects/simple-logo	2003~2004	n/a	Active	Java	Logo	
							(Interpréteur)	
198.	Sinclair Logo		1984	1.6	Dead	Sinclair	Atari Logo	
199.	SmartLOGO	www.atarimagazines.com/creative/v10n12/ 94 A comparison of Logos to.php	1984		Dead	ADAM/Z80	MSX Logo	
		34 A companson of Logos to.php		1		1	<u> </u>	<u> </u>

	Logo Name	URL	Years	Version	Status	Platform	Inspirator	Main Creator(s)
200.	SOLI Logo	www.statemaster.com/encyclopedia/LOGO- programming-language	1985?					
201.	Java StarLogo	education.mit.edu/starlogo	1999~2005	2.22	Active	Win, Mac	Multi-Logo,	Mitch Resnick
	Java StarLogo	eddcation:mit.edd/stanogo	1999 2000	2.22	Active	VVIII, IVIAC	Microworlds,	(MIT Media Lab)
							*Logo	(
202.	StarLogo for YoYo		1997			Java	*Logo	
203.	StarLogoT	ccl.northwestern.edu/cm/starlogoT	1997~2002	2002	Frozen	Mac	MacStarLogo	Uri Wilensky (Northwestern University)
204.	StarLogo TNG	education.mit.edu/starlogo-tng	2006-2010	1.5	Active	Java	StarLogo	(Northwestern Onliversity)
205.	Start Logo	www.r-e-				Win	3	
	otan 1990	m.co.uk/rem/xrem.php?T=7642&S=24&U=7						
206	071	7&G=2&view=	4005		Darad	A 4	DD L	
206.	ST Logo	www.nostalgia8.nl/drlogo.htm	1985	2.21	Dead	Atari	DR Logo	
207.	SuperLogo (Logo Brasil)	sourceforge.net/projects/slogo3b	2003	3.0d	Frozen	Win	MSWLogo	
208.	Telly Turtle		1983~1984	n/a	Dead	ColecoVision,		
						Atari, Commodore		
209.	Terak Logo	portal.acm.org/citation.cfm?id=382172.3830	1979~1980	n/a	Dead	Terak 8510	Edinburgh Logo	Peter M. Ross, Ken Johnson
		22&dl=GUIDE&dl=ACM&idx=J692∂=pe riodical&WantType=periodical&title=ACM%						(Edinburgh University)
		20SIGSMALL%2FPC%20Notes						
210.	Terrapin Logo	library.thinkquest.org/TQ0310140/overview.	1980~2008	3	Active	Apple, Mac, OS	MIT Apple Logo	(Terrapin Software)
		htm, www.terrapinlogo.com				X, Win		
211.	Terrapin Graphics	wareseeker.com/Business- Finance/terrapin-graphics-lite-1.2.zip/1462	2000	Lite 1.2		Win		(ArcSoftware)
212.	TGS	Tinanoc/terrapin-graphics-ite-1.2.2ip/1402	1994	2.0	Dead	DOS	TopLogo++,PGS	Pavel Boytchev
							. op 2 og 0 - ,. o 0	(TopTeam)
213.	TI Logo		1977-1981	n/a	Dead	TI-99	Pascal Logo	
214.	TI Logo II		1983	n/a	Dead	TI-99	TI Logo	
215.	TinyLogo (1)	texintreasures.com/shop/product_info.php?	1985?		Dead	TI-99	TI Logo II	
		manufacturers_id=18&products_id=422&lan quage=en						
216.	TinyLogo (2)	www.palmspot.com/software/detail/ps3104a	1999	1.1	Frozen	Palm OS	Tiny Logo (2)	Timothy J. Lipetz
	1y20g0 (2)	98232.html	1000		1102011	r ann oo	1111y 20g0 (2)	Timothy of Export
217.	TKTSLogo	www.thehunters.org/logo/tktslogo/	2001~2002	1.0a9	Frozen	Win	MSWLogo,	
218.	TICLOS		4004		Dand		Berkeley Logo	
	TLC Logo		1984		Dead	200	CPM	N
219.	TopLogo++		1992~1994	2.0	Dead	DOS	PGS	Vasko Tomanov Angel Uzunov
								Pavel Boytchev
220.	TORTIO	fine the shift and a street and state	4074	1-	Darat	TODTIO :	LOGO	(TopTeam)
220.	TORTIS	ftp://publications.ai.mit.edu/ai- publications/pdf/AIM-311.pdf	1974	n/a	Dead	TORTIS is a hardware device	LUGU	
221.	Tortue	tortue.sourceforge.net	2003	2003-07-29	Frozen	Java		
222.	Trend Logo		1996~1999	4.4	Frozen	Win	Logo Gráfico	
223.	turboturtle *	code.google.com/p/turboturtle	2010	1.2	Active	Win. Linux	Berkeley Logo	richard42g
224.	Turtle	homepage.eircom.net/~Irtc/downloads/inde		1.25	Dead	RISC OS	Acornsoft Logo	l l
	Tartio	x.html		1.20	Dodd	1400 00	7 toomoon Logo	
225.	TurtleArt (XO)		2004-2009		Active	Java?, XO	PicoLogo	Brian Silverman
226.	Turtle Graphics <sup>2</sup>	hwww.valeriodistefano.com/oldsoftware/DO	1989-1990		Frozen	DOS		
227.	(TURGRA)	S/MISCLANG/	4000		Darad	0		David Malachana
221.	Turtle Graphics <sup>1</sup>	www.computerhistory.org/collections/acces sion/102642762	1982		Dead	Commodore		David Malmberg (Human Engineered Software)
228.	Turtle Graphics II	www.computerhistory.org/collections/acces	1983	II	Dead	Commodore	Turtle Graphics <sup>1</sup>	David Malmberg
		sion/102642762						(Human Engineered Software)
229.	Totalla Ossarbias	Docs: www.mediafire.com/?4dzm1ywotsx	4004		Darad	0		Levie Tilleren
229.	Turtle Graphics Interpreter .	www.nostalgia8.nl/logo/c64/c64- logofiles.htm	1984		Dead	Commodore		Irwin Tillman
	'	http://www.npsnet.com/danf/cbm/compute-						
		gazette.idx						
230.	TurtleTalk *	www.bfoit.org/itp/Preface.html	2004			Java	Microworlds	
231.	Turtle Tracks	turtletracks.sourceforge.net	1997~1999	1.0	Frozen	Java	Berkeley Logo	Daniel Azuma
232.	TurtleTracks.net		2003-2004	1.0	Active	.Net	TurtleTracks	
233.	VGALogo	www.nostalgia8.nl/drlogo.htm	2005	0.9	Frozen		Apricot F1	
234.	Visual Logo (Spike	nrich.maths.org/prime/spike/spike_guides	1999	2.00	Dead	Win		
235.	Logo)		2002	2.0	Active	Win	22Eirot   02022	
	VLogo	June 1	2002	2.0	Active		??First Logo??	
236.	VR Logo	www.r-e- m.co.uk/rem/xrem.php?T=30645&S=24&U=				Win		
		77&G=2&view=						
237.	VR Logo+	www.r-e- m.co.uk/rem/xrem.php?T=30958&S=24&U=				Win	VR Logo	
		m.co.uk/rem/xrem.pnp?1=30958&S=24&U= 77&G=2&view=		<u>                                     </u>				
238.	VRMath		2002-2003	1.0	Active	Win	Turtle Tracks	Andy Yeh
239.	Waterloo Logo	www.atarimagazines.com/creative/v10n12/	1984			DOS	MIT Logo	
015	) A/ 1 =	94 A comparison of Logos to.php						
240.	Web Turtle							
241.	Weresoft Logo	www.winsite.com/bin/Info?500000021845	1993	1.1	Frozen	Win 3.x		
242.	Win-Logo	www.win-logo.de	1994-2005	2.0.3.7	Active	Win	Apple Logo II	Gerhard Otte
243.	WinLogo	web.archive.org/web/19970122194337/ww	1990-1995	[	Dead	RISC-OS, Win,		
		w.logo.com/catalogue/titles/winlogo/nonet.h tml				DOS		
244.	XLogo	xlogo.tuxfamily.org	2008-2009	0.9.96pre	Active	Java	MswLogo	Loïc Le Coq
245.	XLogo	xlogo.sourceforge.net	2003~2007	0.3.6	Active	OS X	J-	·
246.	xLogo		1989	0.5.0	Dead	TOS	Apple Logo	
	YoYo	lcs.www.media.mit.edu/groups/el/projects/b		2.0		Java	, while rodo	
	1010	ongo	1996~1999	3.0	Dead	Java		
248.	ZLogo	www.louderthanabomb.com/zlogo	2003			Win		(Louder Than A Bomb Software)
•		re Logos, i.e. they either lack important function						

