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Date	Page	Title	Author
Jan 89	1	Reality is for Non-Programmers Subject: newsletter Notes: the first REAL issue / correcting the "perfect" GS start-up routine	
Jan 89	2	ACE is the Place / Who Be the Standard Bearer? Key Terms: toolset Subject: utility Notes: using ACE to compress digitized sounds to half of their original size / proposed file formats for sound files System: GS	Eric Mueller / Joe Jaworski
Jan 89	7	The Applesoft Connection - And More Key Terms: ampersand, MicroDot Subject: technique Notes: passing data to and from BASIC variables / CHRGET, CHRGOT, syntax checks FRMNUM, GETADR, integer variables, unsigned two-byte values?, errors	Jerry Kindall
Jan 89	12	Programming with Class 1 (GS/OS MLI calls) Key Terms: ProDOS 16 Subject: technique Notes: formatting a disk with GS/OS	Mohawk Man
Feb 89	1	Philosophy of Algorithms Key Terms: Jean-Louis Gassee Subject: technology Notes: sometimes beauty can come from restraint I would rather have a program which does a few things exceedingly well	
Feb 89	1 (	Generic Startup v 2.0 Subject: technique Notes: fixing the bugs; LEText2, AlertWindow, Font Manager System: GS	Mohawk Man, Ross Lambert, E
Feb 89	9	AlertWindow Key Terms: macro, Tech Note Subject: technique Notes: using this toolbox call simplifies construction of alert boxes	
Feb 89	12	Relocation Without Dislocation Key Terms: relocator module Subject: technique Notes: writing relocatable 8-bit code: avoid absolute addressing or use self-modifying code / finding a program's address	Karl Bunker
Feb 89	16	Parting Thoughts Key Terms: Christian Subject: newsletter Notes: 16 pages instead of 12 definition of Ariel	
Mar 89	1	Merlin 16+ / A2-Central sponsors Apple II Developer's Conference Distributor/Column: News and Passion Subject: news Notes: Bob Sander-Cederlof and AAL / The Sourceror's Apprentice	
Mar 89	2 (	Numeric parameters and strings Distributor/Column: The Applesoft Connection: Part 2 Key Terms: FLO3, QINT, TYPERR Subject: technical Notes: three-byte integers, passing strings, another Input Anything System: MicroDot	Jerry Kindall
Mar 89	8 (	Custom Joystick: vectored joystick programming Key Terms: PREAD Subject: technique Notes: moves the cursor in the direction of the stick	Stephen P. Lepisto

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Mar 89	14	The Official Computer Freaks Joke Book	Wozniak, Steve
		Distributor/Column: Bantam	
		Subject: book / humor	
		Notes: where have you been since we removed your brain?	
Apr 89	1	Generic Startup boogered again	
		Subject: program development	
Apr 89	2	CALL & Ampersand	Jerry Kindall
		Distributor/Column: The Applesoft Connection	
		Key Terms: INPUT anything, relocatable	
		Subject: technique	
		Notes: hooking up an ampersand routine CHKCOM, GETBUFR	
		System: ProDOS	
Apr 89	7	Random Bytes	Robert C. Moore
		Key Terms: Sparks, Lancaster	
		Subject: technique	
		Notes: generating a pseudo-random sequence with a feedback shift register	
Apr 89	11	A Polite Introduction to the 16 Bit II	
		Distributor/Column: The Gentleman's GS	
		Key Terms: rapelling	
		Subject: tutorial	
		Notes: event-driven, toolbox	
Apr 89	12	Vectored Joystick Programming	
		Subject: technique	
		Notes: the rest of the code	
May 89	1	Toolbox Reference Update	
		Distributor/Column: Apple	
		Subject: reference	
		Notes: corrects errors, lists several new CALLs / _RealFreeMem	
May 89	2	DesignMaster	Hahn, Chris
		Distributor/Column: RavenWare	
		Key Terms: GENESYS	
		Subject: code generator	
		Notes: draw your windows, dialogs, menus, etc.	
May 89	3	&Input, &Print, and &Get or More Bang for Your Text Bytes	Robert C. Moore
		Subject: utility	
		Notes: behave much as the similar commands in AppleWorks's SU2.OBJ defaulted input anything, input single keystroke, print with word wrap	
		System: 6502 assembly	
May 89	21	The Gentleman's GS: A Polite Introduction to the 16-bit II, Part II	Ross W. Lambert
		Key Terms: relocatable	
		Subject: tutorial	
		Notes: passing parameters via the stack, GS memory organization OMF (Object Module Format), Tool Locator, tilde (~) macros	
Jun 89	1	Back issues / Quarter Disk / SAPP Displayer / Znews	
		Subject: news	
		Notes: Mike Rochip left out	
Jun 89	2	PEEKing at Auxiliary Memory: a Monitor Utility	Matthew Neuberg
		Subject: technique	
		Notes: we will have to clever to read Aux 48K memory from main 48K memory	
		System: Laser 128	
Jun 89	10	Vectored Joystick Programming: IIGS version	Steven Lepisto
		Subject: technique	
		System: GS	

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Jul 89	1	Apple, Inc. Left in KC Dust (A2-Central Developer's Conference) Subject: conference Notes: Apple marketing strategy, Beagle reveals Timeout internal routines, Laser has fantastic support / BASIC SYSTEM 1.3 should be trashed	
Jul 89	2	Chris Haun's DesignMaster (prototyping) Subject: news Notes: Eric Soldan's App.Builder (assembly macros) Applied Ingenuity hard drives	
Jul 89	3	Making a List (and checking it twice!) Subject: technique Notes: make selections from a constantly and widely varying list by using the List Manager System: GS	Ross W. Lambert, Editor
Jul 89	9	An ORiGinal Letter Subject: technique Notes: handling nesting ORGs	Steve Stephenson
Aug 89	1	SAPP.DISPLAYER boogered up Subject: news Notes: DesignMaster may go to a major publisher / Ariel junk mailer use descriptive labels / System 5.0 info / Cambridge Marketing	
Aug 89	2	To Err is Human, To ERR.USR is Divine Subject: technique Notes: using Merlin 16+'s superior error handling routine System: Merlin 16+	Jeff Smith, Roger Wagner Pu
Aug 89	5	A USR-Friendly Function Distributor/Column: The Applesoft Connection, Part IV Subject: technique Notes: using USR (user-defined functions), INKEY, passing strings, two-byte PEEK, passing multiple parameters, co-existing routines	Jerry Kindall
Sep 89	1	Split Stitches and Other Emergencies Subject: news Notes: Ross waylaid by surgery / no longer carrying Applied Ingenuity drives DesignMaster sold by The ByteWorks / Merlin APP.BUILDER on hold	
Sep 89	2 (	Getting More Value(s) From Your Game Port Key Terms: joystick, Koala Pad, double hi-res Subject: technique Notes: obtain two byte values from the game paddles	Eric Soldan, Apple II DTS
Sep 89	6	More Goodies From Steve Distributor/Column: Super Slick Stuff From Synesis Systems Key Terms: TKB, TSD Subject: tip / technique Notes: using DUM and DEND to access variables and perform direct page indirect long addressing	Steve Stephenson
Sep 89	11	Generic Start II: The Sequel Distributor/Column: The Return of the Source Code Monster Subject: technique Notes: two new tool calls in System Disk 5.0, STARTUPTOOLS and SHUTDOWNTOOLS, make the routine much simpler and shorter	Jay Jennings, A2-Central
Sep 89	14	Printing slashed zeros on the ImageWriter from Merlin 16+ Distributor/Column: Ask Mike Rochip Subject: technique Notes: how to get back issues floating point routines (6502 Assembly Language Routines)	Gerald D. Schultz II / T.L.
Oct 89	1	Mike Rochip Mouths Off Subject: newsletter / business Notes: limited by space? / the constraints under which a newsletter operates income, expense, advertisers, pricing	Robert Muir / Ross Lambert

Date	Page	Title	Author
Oct 89	3	DesignMaster is $95, but expanded	
		Subject: news	
		Notes: volunteers wanted for Merlin APP.BUILDER / disk distributor wanted Ariel Publishing has new phone number	
Oct 89	4	Honing Hot High-Res Code	Jerry Kindall
		Subject: technique	
		Notes: improving Eric Soldan's game port read routine	
Oct 89	6	Software Evolution	Steven Lepisto
		Subject: technique	
		Notes: improving the joystick routines	
Oct 89	8	Some Light on Resources	Ross W. Lambert, Editor
		Subject: technical	
		Notes: System disk 5.0 introduces resources to GS programmers	
Oct 89	10	More Resource Info (...And Jay Picks UP the Ball)	Jay Jennings
		Subject: technique	
		Notes: sample code which starts the tools, throws up an alert window, and quits	
Nov 90	Not	Demo Module	
Jan 90	1	Play it Again, SApp	Ross
		Subject: newsletter	
		Notes: demise of Call-A.P.P.L.E. leaves a void, planned to be filled by 8/16 Eric Mueller joins staff / Apprentice, Reboot, and Znews era ends	
Jan 90	2	Trapping Tricky Tool Errors	Jay Jennings
		Distributor/Column: From the Generic Mohawk Department	
		Subject: routine	
		Notes: a generic error trapping routine	
		System: GS	
Jan 90	5 (	Errors in Demo Module	Tom Hoover
		Subject: correction	
Jan 90	6 (	Steve Stephenson Goes To The Bank(s)	Steve Stephenson
		Distributor/Column: From the Parentheses and Brackets Department	
		Subject: technique	
		Notes: how to access memory in more than one bank	
Jan 90	8	Screen snatchin'	Ross Lambert and Eric Muell
		Subject: utility	
		Notes: a double hi-res screen snatch routine	
		System: 128K	
Mar 90	3	fun stuff	Ross
		Distributor/Column: Publisher's Pen	
		Subject: industry	
		Notes: a brand new technical journal / Apple bottom line difficulties 8/16 will be crammed with information, not pictures thanks to our advertisers	
Mar 90	5	Filtering Out the Riff Raff	Steve Stephenson
		Distributor/Column: The Merlin Maniac	
		Notes: adding a filter to a dialog	
		System: Merlin 16+	
Mar 90	10	Galvanic Skin Response: Getting a Jolt From Your Joystick	David Gauger II
		Distributor/Column: The Weekend Hardware Hacker	
		Subject: homebrew	
		Notes: build a biofeedback monitor that interfaces to the game port	
Mar 90	18	A TransWarp GS CDEV	Herb Hrowal
		Subject: utility / accelerator	
		Notes: how to write a CDEV to control the TransWarp GS	

Date	Page	Title	Author
Mar 90	28	Squirreling Data Into Auxmem (& ElseWhere) Distributor/Column: ZBasic Tricks Key Terms: AUXMOVE Subject: technique Notes: accessing the 16K graphics pages Micol BASIC System: ZBasic	Ross W. Lambert
Mar 90	30	Progress.FN Subject: routine Notes: draw and update a thermometer-like scale	Ross W. Lambert
Mar 90	33	The Illusion of Motion Distributor/Column: IIGS Animation Subject: animation Notes: a starting platform for animation is presented System: GS / assembler	Steven Lepisto
Mar 90	40	8/26 on Disk / Shem The Penman's Guide To Interactive Fiction / Pro Distributor/Column: Our Very Own Stuff Subject: products Notes: Zindex / Micro Advanced Basic	
Mar 90	42	Them's The BRKs: Relocation in 8 bit assembly Key Terms: Bob Sander-Cederlof Subject: technique Notes: turn any three-byte 6502 opcode into a relocatable instruction by preceding it with a BRK opcode	Jerry Kindall, 8-bit Editor
Mar 90	46	David Ely / Jeff Holcomb / Tom Hoover / Jay Jennings / Jim Lazar Distributor/Column: Hired Guns Subject: situations wanted Notes: Stephen P. Lepisto / Chris McKinsey	
Apr 90	3	The Law of Supply and Demand Distributor/Column: The Publisher's Pen Subject: business Notes: 8 bit programs are now in demand	Ross W. Lambert
Apr 90	4	Apple Discontinues Macintosh Key Terms: 4/1 Subject: news Notes: neglect of Apple II has resulted in billions of dollars in profits, Macintosh to follow suit	
Apr 90	5	Pretty Polygons Distributor/Column: Basically Applesoft Key Terms: trigonometry Subject: graphics Notes: a universal polygon plotter which can draw and rotate polygons with any number of sides	Barry D. Hatchett
Apr 90	8 (	Have it Your Way - & Their Way Distributor/Column: IIgs Graphics Subject: graphics Notes: Apple Preferred Pics in Pascal System: TML Pascal II	Phil Doto
Apr 90	15	More MLI Madness & Working with Words Distributor/Column: The ZBasic Zealot Key Terms: Shem the Penman's Guide Subject: techniqye Notes: the ProDOS MLI to ZBasic connection word parsing and intelligent guessing	Ross W. Lambert
Apr 90	20	No Fits With Inits: Writing an Init From High Level Languages Distributor/Column: Orcastrations Subject: technique Notes: how to return with an RTL from Pascal and C writing a short init in C	Mike Westerfield, The ByteW

Date	Page	Title	Author
Apr 90	26	Apple II Infinitum	Jerry Fellows
		Subject: campaign	
		Notes: a letter-writing campaign encouraging members of the Apple community to speak out	
Apr 90	28	Gimme a Light	Jerry Kindall, Classic Appl
		Subject: editor	
		Notes: a simple BASIC line editor how to fit a maximum of functionality into a minimum of code	
Apr 90	35	Rolling Your Own (Controls)	Steve Stephenson
		Distributor/Column: The Merlin Maniac	
		Subject: technique	
		Notes: simulating controls in an information bar	
Apr 90	40	Eric Mueller / Bryan Pietrzak / Lane Roath / Steve Stephenson	
		Distributor/Column: Hired Guns	
		Subject: situations wanted	
		Notes: Jonah Stich / Loren W. Wright	
Apr 90	45	$10,000 Cash Prize Winners	
		Key Terms: Bert Kersey	
		Subject: free money	
May 90	3	The Computer Literacy Bookstore	Ross W. Lambert
		Distributor/Column: The Publisher's Pen	
		Key Terms: Guy Kawasaki, The Macintosh Way	
		Subject: bookstore	
		Notes: Bert Kersey sighted	
May 90	4 (	Sweet 16: A Blast From the Past	Wozniak, Steve, modified by
		Subject: programming	
		Notes: 8-bit code simulating a 16-bit processor	
May 90	15	Illusions of Motion, Part II	Steven Lepisto
		Distributor/Column: IIgs Animation	
		Key Terms: transparency	
		Subject: animation / technique	
		Notes: the concepts of masks, background buffering, and shadowing	
May 90	22	Parms Away: Passing Parameters to Subroutines	Robert Stong
		Distributor/Column: Basically Applesoft	
		Subject: technique	
		Notes: make use of long variable names to pass parameters	
May 90	26	Making a List & Checking It Twice	Steve Stephenson
		Distributor/Column: The Merlin Maniac	
		Key Terms: List Manager	
		Subject: technique	
		Notes: customize your lists with a draw routine, compare routine, and a routine to detect double clicking	
May 90	32	Why I Wrote Super-Patch in BASIC	John Link, Q Labs
		Distributor/Column: Soft Thoughts	
		Subject: language	
		Notes: slow running, but quicker development time and open to examination	
May 90	33	AppleWorks-Style Line Input	Tom Hoover
		Distributor/Column: Just Like the Big Boys	
		Subject: utility	
		Notes: a string input routine which supports the same commands as the AppleWorks line editor	
		System: Merlin 8 / Merlin 16	
May 90	41	David Ely / Jeff Holcomb / Tom Hoover / Jay Jennings / Jim Lazar	
		Distributor/Column: Hired Guns	
		Subject: situations wanted	
		Notes: Stephen P. Lepisto	

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May 90	42	Micol Advanced Basic vs. ZBasic vs. Toolbox Series	ad by Ross W. Lambert
		Distributor/Column: An Adventorial	
		Subject: language	
		Notes: 8/16 on disk	
Jun 90	3	Welcome Aboard, Cecil Fretwell	Ross W. Lambert
		Distributor/Column: The Publisher's Pen	
		Subject: news / new products	
		Notes: Cecil and Ken Kashmarek have done translations of source code in Lichty and Eye's Programming the Apple IIgs into C and Merlin 16+ DesignMaster and GeneSys / Call Box / GS Numerics marketing Murphy Sewall's column / Kansas City Developer's Conference / Apple II revival / Bert Kersey / DB Master programming	
Jun 90	7 (	Magical, Mysterious Resources	Joe Jaworski
		Subject: technical / utility	
		Notes: unloads a tremendous amount of programming burden to the system software with less programming effort on our part a resource or extended file is nothing more than two files in one ResMaker lets you attach a picture resource to the resource fork	
Jun 90	9	A Parable	Ross W. Lambert, Editor-in-
		Key Terms: BLOAD	
		Subject: programming	
		Notes: just about anything can be put into a resource without worrying where to put it	
Jun 90	22	A Modest Proposal	Ross W. Lambert
		Distributor/Column: The ZBasic Zealot	
		Key Terms: LIFO, stack	
		Subject: technique	
		Notes: a proposal to use the Pascal protocol for passing parameters to an assembly subroutine as a standard / linking Tom Hoover's routine to ZBASIC	
Jun 90	30	Macintosh System 7.0 / GS ROM 04 may require new monitor	Murphy Sewell
		Distributor/Column: VAPORWARE	
		Subject: rumor	
		Notes: Brier Technology floptical drive / Jobs NeXT for Sculley Intel i566, i686, i786 / pen to substitute for keyboard and mouse	
Jun 90	31	Taking a Screen Test	Jerry Kindall
		Distributor/Column: Basically Applesoft	
		Key Terms: screen hole	
		Subject: utility	
		Notes: 80-column display editor which supports mousetext and inverse, and saves screens to disk	
Jun 90	37	Directing Traffic	Nate Trost
		Subject: technique	
		Notes: use the Direct Page Register (DPR) to create direct page space creating another stack with the Stack Pointer	
		System: GS	
Jul 90	3	The First annual KansasFest Issue	Ross W. Lambezt
		Distributor/Column: The Publisher's Pen	
		Subject: business	
		Notes: launching 8/16 Rajiv Mehta "limits to Apple II technology" Bill Mensch's vision for the Apple II GS rumors / Apple starting to rediscover the II	
Jul 90	5 (	Speech Recognition: Give Your Apple][-Ears!	David Gauger
		Distributor/Column: The Weekend Hardware Hacker	
		Subject: hardware / speech	
		Notes: a combination hardware/software system that makes it possible to add speech input to your programs	
		Price: under $20 (parts only)	

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Jul 90	27	Illusions of Motion, Part III Distributor/Column: IIgs Animation Subject: tutorial / animation Notes: changing the image as it moves	Stephen P. Lepisto
Jul 90	32	MD-BASIC Distributor/Column: Morgan Davis Group Subject: programming Notes: a 16-bit compiler which generates 8-bit Applesoft programs eliminates the structure problems of Applesoft System: GS Price: $50	rb Jay Jennings
Jul 90	35	SouthPaw: Changing Your Orientation Subject: utility Notes: a short permanent initialization file (PIF) that changes the orientation of the arrow mouse cursor System: APW, MPW IIgs	Jason Blochowiak
Jul 90	44	Apple IIgs - Mac merger? / IBM "Bluegrass" targeted at home market Distributor/Column: Vaporware Key Terms: Letter Perfect Subject: rumor Notes: Apple and Toshiba working on laptop / Zip IIgs accelerator / 68040 NeXT Video Technologies IIgs clone / Amiga can run UNIX, AmigaOS, MS-DOS, and Mac OS / Adobe to rewrite PostScript cheaper / Mac System 7.0 delayed HyperCard 2.0 / 1-2-3 for Windows / Flash programmers left dBase IV 1.1, Xywrite, Harvard Graphics, Word Perfect for Windows, OS/2	by Murphy Sewall
Aug 90	3	the Publishing Time Warp, The Subscriper Survey, Our Directions Distributor/Column: The Publisher's Pen Key Terms: HyperCard GS Subject: news Notes: how things look at the half-year mark	Ross Lambert
Aug 90	5	Multi-Bank: A IIgs Monitor Utility Distributor/Column: IIgs Programming Notes: Multi-bank allows monitor commands to work throughout the memory of a IIgs	James Hodge
Aug 90	9	Checking Out the Locals Distributor/Column: The ZBasic Zealot Subject: technique Notes: local variables: FN Local and FN Global explicitly set the file length of a file by doing a call to the ProDOS Machine Language Interface	Ross W. Lambert
Aug 90	18	Getting Over Extended Distributor/Column: Programming the Extended Keyboard Subject: technique Notes: display key modifier registers on the extended keyboard map UltraMacros F-keys to the Both-Apple macros enabling numlock, caps lock, and scroll lock on ROM 0 and ROM 1 machines	Dr. Doni G. Grande
Aug 90	26	Generic StartUp 8 Distributor/Column: Classic Apple Hacking Subject: routine Notes: 8-bit startup routine for SYS applications	Jerry Kindall
Aug 90	30	National Semiconducter introduces Imaging/Signal processor Distributor/Column: VaporWare Subject: rumor Notes: single peripheral can print, scan, send and receive FAXes and function as a modem / Thinx (what if image processing) / Macintosh IIgs Low End and laptop Macs / Color PostScript / System 7 for Mac demoed Micro Channel extensions / PM Lite / Motif being ported to OS/2 laptop printer / Flash lives / SCSI Twin Disk / Bert Kersey sighting	by Murphy Sewall, Apple PUL

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Aug 90	32	Get Control of Yourself, Young Man!	Jay Jennings
		Distributor/Column: The Return of PunkWare	
		Key Terms: ~NewControl2	
		Subject: technique	
		Notes: using the new controls introduced in System Disk 5.0	
Aug 90	40	David Ely, Jeff Holcomb, Tom Hoover, Jay Jennings, Jim Lazar	
		Distributor/Column: Hired Guns	
		Subject: situations wanted	
		Notes: Stephen P. Lepisto, Chris McKinsey, Eric Mueller, Bryan Pietrzak, Lane Roath, Steve Stephenson, Jonah Stich, Loren W. Wright	
Sep 90	3	The Kansas Fest Report: Whats New for the II	Ross W. Lambert
		Distributor/Column: The Publisher's Pen	
		Key Terms: media integration, CD-ROM, Arachnophobia, Wraith, Nite Owl Journal	
		Subject: conference	
		Notes: Murphy Sewell's VaporWare is based on rumors / Cecil Fretwell takes Mike Rochip's place, Roger Wagner, Randy Brandt, Eric Soldan, IIgs College, Dave Lyons' Nifty List 3.0, Apple IIgs System Software Update(?), Marketing for Small Developers, Jim Mensch's AnimateGS, Jane Lee, Evangelism, Jay Jennings' "All Night HackFest", Mark Cecys SynthLab	
Sep 90	7	Mega Power for Mini Bucks: Nifty List, LLRE (Low Level Resource Edi	Ross W. Lambert
		Distributor/Column: The ToolSmith	
		Key Terms: handle, Rez, Genesys, DesignMaster	
		Subject: programming	
		Notes: how Nifty List help Ross tracked down a silly bug LLRE is probably your quickest and cheapest path to resource creation	
		Price: $15, $25 (shareware)	
Sep 90	12	Miscellanea Month II	Ross W. Lambert
		Distributor/Column: The ZBasic Zealot	
		Key Terms: Greg Branche	
		Subject: routine	
		Notes: Apple II ZBasic is dead, and so is ProTools II Angle2Radians and Radians2Angle Stats: sum, sum of squares, mean, median, mode, high, low, standard deviation	
Sep 90	17	To Shell With It	Morgan Davis
		Subject: programming	
		Notes: How do we write APW C programs that run under different environments? Scrap the START.ROOT object file that is linked into all APW C programs and use our own version.	
Sep 90	24	Generic Shutdown	Jerry Kindall
		Subject: technique	
		Notes: shutting down an 8-bit SYS application is much simpler than starting it up / the routines also handle the procedure of quitting one program and starting up another without returning the user to his program selector / launching GS/OS programs from ProDOS 8	
Sep 90	27	Is Late Better Than Never?	John D. Smyth, Australia
		Distributor/Column: Letters	
		Subject: mail	
		Notes: why postage is so much to foreign countries	
Sep 90	28	DLT 0.4 Bug, Fast SCSI Quirks, & TEPaintText Fix	Yvan Koenig, France
		Distributor/Column: Letters	
		Subject: tip	
		Notes: Europe is one of the hottest markets for Ariel Publishing	
Sep 90	10	Applesoft Auto Wordwrap	Jerry Kindall
		Distributor/Column: BASICally Applesoft	
		Subject: utility	
		Notes: word wrap, lowercase INVERSE, screen scrolling, text highlighting for 40-column displays	

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Sep 90	38	David Ely, Jeff Holcomb, Tom Hoover, Jay Jennings, Jim Lazar	
		Distributor/Column: Hired Guns	
		Subject: situations wanted	
		Notes: Stephen P. Lepisto, Chris McKinsey, Eric Mueller, Bryan Pietrzak, Lane Roath, Steve Stephenson, Jonah Stich, Loren W. Wright	
Oct 90	3	More Conferencing, C Cecil Code, & Marketing 101	Ross W. Lambert
		Distributor/Column: The Publisher's Pen	
		Subject: news	
		Notes: Dennis Doms' report of the A2-Central Developers Conference Cecil Fretwell's C translation of Sandy Mossberg's "Skeleton Desktop	
Oct 90	3	Marketing for Small Developers Who Want to Survive to be Big Develo	Ross W. Lambert
		Subject: marketing	
		Notes: Advice: book of John, Sun Tzu and the Art of War, no debt, underestimate hold your tongue / Why Publish Yourself? / Why the Apple II Market?	
Oct 90	6	Everything You Ever Wanted To Know About X (CMDS)	Eric Mueller
		Distributor/Column: IIgs Programming	
		Subject: technical / tutorial	
		Notes: four XCMDs to experiment with: one to beep the speaker once, beep the speaker many times, dial a modem, let HyperStudio function as an appointment book	
		System: HyperStudio	
Oct 90	20	ProDOS Power from Applesoft	Jerry Kindall
		Distributor/Column: BASICally Applesoft	
		Key Terms: MicroDot	
		Subject: technique	
		Notes: it's possible to bypass BASIC.SYSTEM and issue commands directly to the MLI from an Applesoft program	
Oct 90	25	OverScan	David Kopper
		Subject: technique	
		Notes: Overscan is the process of 'drawing' a set of lines in the screen. border. The 'trick' is that you change the screen border color at exactly where you want the line 'drawn' on the screen border.	
		System: gs	
Oct 90	33	Losing Weight, Scuzziness, and Fame	Richard Bennett, Australia
		Distributor/Column: Letters	
		Key Terms: Nifty List	
		Subject: utility	
		Notes: dealing with the delay problem with the High Speed SCSI Card handy utilities: ILTS (save BRAM parms to the boot blocks), resource manipulation, Pixie, FREDA / distributing programs takes time	
Oct 90	34	Macro Madness, Praise, and Advice	Raymond Ross
		Distributor/Column: Letters	
		Subject: technical	
		Notes: deref macro, Error Death macro, Linkin+O... articles should have introductions	
Oct 90	37	K-12 Macs: Mac Classic, Pinball, Mac LC / Cirtech Mac in a II: Duet	Murphy Sewall, from the Sep
		Distributor/Column: VaporWare	
		Subject: gossip	
		Notes: Apple II Marketing Strategy / Typist (hand-held scanner from Caere)	
Oct 90	42	David Ely, Jeff Holcomb, Tom Hoover, Jay Jennings, Jim Lazar	
		Distributor/Column: Hired Guns	
		Subject: situations wanted	
		Notes: Stephen P. Lepisto, Chris McKinsey, Eric Mueller, Bryan Pietrzak, Lane Roath, Steve Stephenson, Jonah Stich, Loren W. Wright	
Nov 90	3	News, Blues, and Marketing 102	Ross W. Lambert
		Distributor/Column: The Publisher's Pen	
		Subject: news	
		Notes: Roger Wagner Publishing announces HyperStudio 2.1 and runtime module Complete Technologies acquires all IIgs languages from TML Systems	

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Date	Page	Title	Author
Nov 90	4	An open letter to Apple's marketing policy makers	Ross W. Lambert
		Key Terms: bait and switch	
		Subject: marketing	
		Notes: Educators have their own agenda and Apple marketing does not seem to have the slightest clue as to what it is Ross's plan to sell a jillion GSs -- the theme is Home Work	
Nov 90	6	Marketing 102	Ross Lambert
		Key Terms: mailing list	
		Subject: marketing	
		Notes: marketing for small developers who want to survive to be big developers Today's class is entitled "Pre-development Planning" for small companies, the best market to attack is a highly specific group with an intense need	
Nov 90	10	GenDraw: Jay Does 8 bit	Jay Jennings
		Distributor/Column: Classic Apple Hacking	
		Key Terms: bit-mapped shapes, pre-shifted shapes	
		Subject: graphics	
		Notes: the first in a series on 8 bit animation techniques GenDraw, a simle shape drawing routine that allow you to place shapes on the high resolution screen	
Nov 90	16	Pascal Pics Part II	Phil Doto
		Distributor/Column: IIgs Programming	
		Notes: loading Paintworks pictures and Animation Files	
		System: Pascal	
Nov 90	24	Giving Your Apple a Real Switch	David Gauger
		Distributor/Column: The Weekend Hardware Hacker	
		Key Terms: polling, Electronics Handbook	
		Subject: hardware	
		Notes: different types of switches, how to connect them to the gameport, and what they can be used for single pole/single throw; single pole/double throw; double pole/throw paddle input switch connections / using switches with paddle inputs A Simple Security System	
Nov 90	38	rStringList in Theory and Practice	Ross W. Lambert
		Distributor/Column: The ToolSmith	
		Subject: technical	
		Notes: the string list resource	
		System: APW/Orca, Rez; LLRE	
Nov 90	42	OmniView, 68040 delayed, Intel i586 Design Note	Murphy Sewell
		Distributor/Column: VaporWare	
		Subject: rumor	
		Notes: MS-DOS 5.0 downward compatibility; IBM planning 200 MB drive Compaq laser printer; Claris software; HyperCard 2.0 delayed, UNIX dBase Intel 50 MHz i486 delayed / pen to glass input notebook computer video toaster for the Amiga	