

\* \* FREE \* \*

THE

# WACO

POST

VOL. 1 NUM. 4

03/06/82

FREE!!

## ART KAHN ELECTED PRESIDENT

### JAY JAEKEL ELECTED VP

By Steve Gibson

Elections were the topic of the day at the February WACO meeting. Art Kahn was elected President (see his message to members elsewhere) and Jay Jaekel elected Vice-President/Librarian.

Mark Schaub was elected Secretary and Kirk Benson was elected Treasurer. Yours Truly was elected Newsletter Editor. The term of office for these first officers is only 6 months, so we can aren't stuck with these folks forever!! In keeping with the tradition of WACO, the computers owned by the officers is a mixed bag: Art, Mark and Steve own TRS80's, Kirk owns an Apple II, and Jay is a XEROX 820 owner.

Your officers bring a wide range of talents to the Club and i wish all of you the best of luck with your new positions!!

The Club Charter was again reviewed, discussed and some minor

changes were made. The final version of the Club Charter will be available at the March meeting.

Special Interest Group (SIG) coordinators were elected (though they all ran unopposed) and 2 new SIG's were created. See elsewhere for a current list of all Sig's and their coordinators.

Another idea bandied about at the meeting was a Computer Fair to be held in June. WACO will be the sponsors and we hope to attract retailers and manufacturers from around the area to display their wares. There would also be space for a "Computer Flea Market" and seminars on Computer topics would be offered. Persons interested in planning or participating should call the Club Hotline at 843-7852, write the Editor C/O this newsletter, or attend the next WACO meeting.

Next meeting is March 6th, 1982 at 1:30 pm at the Schaumburg Public Library.

THIS NEWSLETTER SPONSORED IN PART BY:

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## HARD COPY

STEVE GIBSON

### WACO...

It isn't often that I've been able to come up with an idea, sell someone else on the idea and then succeed in bringing my idea to fruition - and do it to most everyone's satisfaction!! But WACO appears to have become just that - a success! I'd like to take this space this month to thank everyone who has contributed to this endeavor...the advertisers, the distributors, the club members, the Post contributors, and last but certainly not LEAST - YOU the reader...your interest and compliments (er,...and criticisms) have shaped both this newsletter and the club. My advertisers tell me that they have been getting great response to their ads. The WACO Post relies on ads for funding and when you patronize the places that advertise here you encourage them to continue advertising here...as a matter of fact, every advertiser I have gotten has stayed on since their first ad (with the exception of a wanted I had in the 2nd issue)!! This issue contains ads from 2 new dealers and if I had had the material I would have published a 12 page newsletter instead of the usual 8.

That leads me to another point. The WACO Post needs more contributions!! Those of you who own a computer know the troubles you have gone through to locate quality software, hardware, and reputable dealers, etc. Why don't you save the new guys (and GALS) the trouble you went through? Stop procrastinating!! Jot down a few lines, dust off that word processor you typed in from PERSONAL COMPUTING some time back, or use the Post as an excuse to get familiar with that nifty word processing package you got for your birthday!! Please give me some material to work with!! Don't think that the only type of articles that people find interesting are the ones that you see published all the time...your personal experiences, your favorite game or utility, your favorite magazine, all are welcome changes in point of view. You don't need to be a member to submit an article, either...anyone can be a contributor!

Speaking of contributors, how do you like the cartoons in the last couple of issues? Chris Cudworth, a professional artist and regular contributor to the St. Charles Chronicle, has been graciously submitting those drawings and a very large THANK-YOU goes out to him. If you've got ideas you'd like to see him work-up, or other things you need an artist for, contact him at 16 N. First, St. Charles, IL. or C/O of this newsletter...and another big thanks to Terry deatherage of Hanover Park for his regular (and informative) TRS-80® articles...Mark Schaub knows how much I appreciate his help, so I won't even mention him (oops, too late)...

And now some qualified apologies...apologies to George Johnson of L.A.M.S. in Round Lake for printing the wrong phone number - the right number is 740-9128...apologies to our readers for the high percentage of advertising in this issue (see above for reasons - no material)...apologies to members of WACO for not getting this out quicker (3 weeks is just not long enough)...and lastly apologies to my fiance, Kim, for spending so much time on this "silly computer stuff"...

### WRITERS NEEDED!!

WACO needs software reviews, hardware reviews, software listings, general interest articles - etc.!! Please send all materials to: WACO C/O STEVE GIBSON 723 SUNFISH PT., SCHAUMBURG, IL. 60194. ENCLOSE A SASE IF YOU WANT YOUR MATERIALS RETURNED.

I'LL HAVE YOU KNOW, IF  
I GET AUDITED, IT'S YOUR FAULT.



### QUOTE:

Dr. Mark R. Chartrand (National Director, National Space Institute) in an editorial in the February 1982 issue of PENTHOUSE "Why We Must Explore Space",

"...Read this sentence carefully. Those four words bear the same ratio to all the words in this column of type as NASA's budget does to the national budget, less than 1 percent. Even in tight economic times a great nation must be willing to invest this much of its resources on the future - or it will have no future. To reduce scientific research now is to eat our seed corn in a time of famine...We need to tell the President that even in tight economic times we are willing to invest this small amount of OUR money to explore, to develop, and to participate in the grand adventure of probing this frontier...If you agree, let the President know and let your elected representatives know, too."

# ICOM



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- \* TALK/DATA SWITCH
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- \* COMPLETE WITH RS232C AND MODULAR HANDSET CABLES, ELIMINATES NEED TO BUY CABLES - SAVE \$20.00 - \$30.00 ASSURES CORRECT FIT
- \* USES LOW COST 9V BATTERY. ELIMINATES UNSIGHTLY CORDS AND NEED FOR "ANOTHER"
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- \* AUDIO TRANSDUCER ELIMINATES NEED TO VIEW LED TO CONFIRM CONNECTION - CAN BE PLACED ANYWHERE (VELCRO TAPE PROVIDED)
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- \* LOWEST PRICED MODEM AVAILABLE

## CLUB CORNER

(Club Secretaries: Send your news, names, and numbers to -  
**CLUB CORNER**  
 %Steve Gibson  
 723 Sunfish Pt.  
 Schaumburg, IL. 60194 )

### ATARI

CHICAGO ATARI USER GROUP.  
 1 NORTH WACKER, ROOM 214. CALL LARRY HITZ AT 727-4206  
 (WEEKDAYS) AND 789-0878 (WEEKENDS).

### CACHE

CHICAGO AREA COMPUTER HOBBYIST EXCHANGE  
 SPECIAL INTEREST GROUPS FOR: PET, TRS-80, INTERACT,  
 PASCAL, LSI-11, 68XX, BALLY, FORTH, NORTHSTAR, APPLE,  
 CPM/COMM -- MEET 3RD SUNDAY EACH MONTH AT 3300 N. CAMPBELL  
 (DEVRY TECH), AT 11:00 A.M. CALL 849-1132.

### CHICATRUG

CHICAGO TRS-80 USERS GROUP  
 MEET 3RD WEDNESDAY EACH MONTH AT 203 N. WABASH, RM 110, AT  
 6:00 P.M. CALL 782-9750.

### COUNTY OF LAKE APPLE CLUB

MEET 3RD THURSDAY OF EACH MONTH AT MUNDELIEN LIBRARY,  
 MUNDELIEN, 470 NORTH LAKE ST. AT 6:30 P.M.  
 CALL STEVE AT 367-5015.

### DAUG

DUPAGE APPLE USER GROUP  
 MEET 2ND TUESDAY OF EACH MONTH AT LINCOLN CENTER IN DOWNERS  
 GROVE.  
 MODEM 789-0499.

### LCTUG

LAKE COUNTY TRS80 USERS GROUP  
 NEXT MEETING MARCH 27TH  
 MODEM 740-9128.

### NIAUG

NORTHERN ILLINOIS APPLE USERS GROUP  
 MEET 1ST SATURDAY OF EACH MONTH AT HARPER COLLEGE, BUILDING  
 E, ROOM 106.  
 CALL DAVE AT 295-6078 OR 295-6926 (MODEM).

### NICOL

Northern Illinois Computer Owners League (A TRS-80 Club)  
 Next meeting at Our Redeemers Church, 1600 W. Schaumburg  
 Rd., Schaumburg.

For info call Paul Zaura at 858-1648

### SOUTH SUBURBAN TRS-80 USER GROUP

MEET 3RD SATURDAY OF EACH MONTH AT LANSING CHATEAU  
 APARTMENTS CLUBHOUSE, LANSING.  
 CALL BILL AT 841-5453.

### WACO

Woodfield Area Computerist Organization  
 Next meeting MARCH 6TH Schaumburg Library - APRIL MEETING  
 APRIL 17TH

All computer users WELCOME!

Call 843-7852 (Recorder) 24 hrs/day for more info.

## OTHER AREA CLUB DOINGS

By Steve Gibson

I attended a couple of other Club meetings this month and I thought you might like to hear about them.

The Lake County TRS-80 User Group (LCTUG) had their February meeting at the Warren Library in Gurnee on February 27th. They gave me a chance to make a pitch for WACO and I inducted 2 new members there. Jack Feldman, from Teletype, gave a lecture on Computer Communications and I got a chance to chat in person with George Johnson (SYSOP of LAMS in Round Lake). They were very receptive and a friendly bunch. Thanks alot gang and I hope to see some of you at the next WACO meeting!!

The Chicago Area Computer Hobbyist Exchange (CACHE) had its February meeting on February 21st at DeVry Technical Institute at 3300 N. Campbell in Chicago. I only had time to attend the TRS-80 SIG meeting, but CACHE sure does get a good turnout!! There must have been over 300 people there and Victor Computers was showcasing their Victor 9000 at the main meeting.

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## FRANKLIN MARKETS APPLE-TYPE CPU

REGISTERED TRADE MARK

(Excerpts from an article in the  
 March 1st issue of *Electronic News*).

PENNSAUKEN, N.J.—Franklin Computer Corp., a start-up firm here, is making and marketing a 6502-based, Apple-compatible personal computer.

The basic unit, dubbed the Ace 100...includes 64k of non-expandable RAM and has a retail tag of \$1,595...

The firm is currently in production (here) with an initial run of 1,000 units and a target of "1,000 a month in the summer and at least 2,000 a month later in the year," Mr. Borden (Chairman of Franklin) noted.

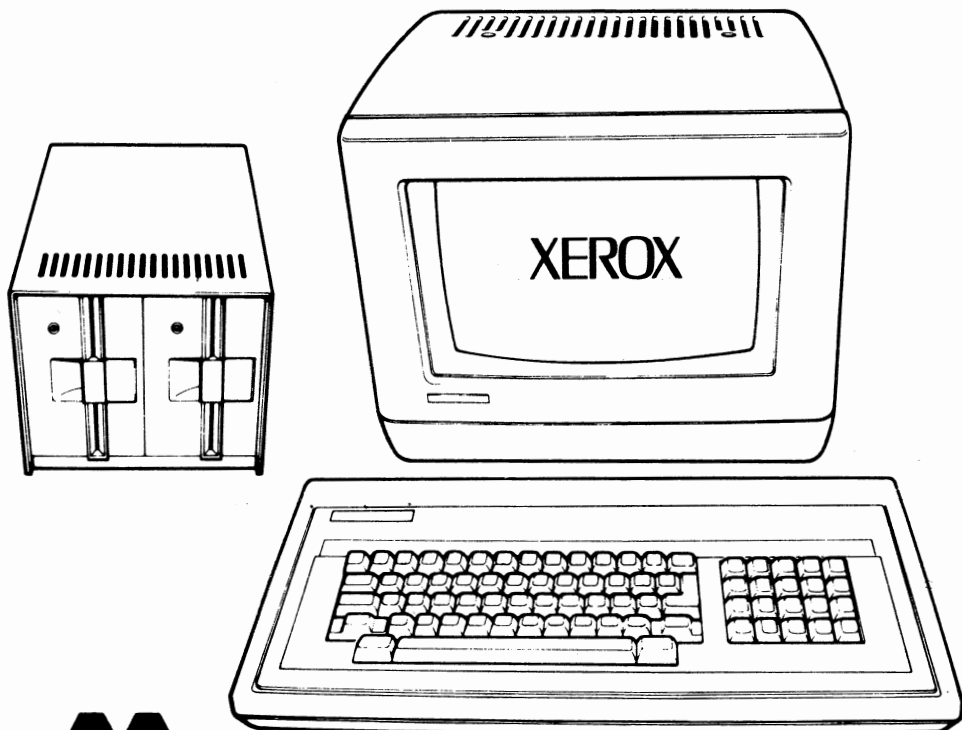
Like the Apple II®, the Ace can run on a CP/M operating system with the addition of a \$395 plug-in card marketed by MicroSoft®.

The unit's keyboard includes five keys dedicated to VisiCalc functions, an alphanumeric keypad, and upper and lower case. Its CPU console comes with a built-in fan.

...Mr. Borden noted that Franklin is seeking to sign computer retailers and mail order houses, adding that Apple's recent break with mail order firms "was fortunate, fortuitous timing."

# The Xerox 820 Information Processor

REGISTERED TRADE MARK



## Components

**DISPLAY/PROCESSOR** — The 24 line/80 character display quality exceeds industry standards for desktop computers. Easy viewing is enhanced by an adjustable brightness and high-quality flicker-free screen. The display unit also contains the processor for the system, which is softloaded and uses a Z80® based micro-processor with 64K RAM memory and 4K ROM. Four ports are standard (dual serial ports and dual parallel ports) which allow you to connect the printer, communications and other devices.

**KEYBOARD** — The Xerox 820 uses a standard 96 character keyboard. Additional function keys are conveniently located to the right of the keyboard for cursor control (providing easy access to any point on the screen) and editing functions. A 10-key pad is included for convenience and speed in typing statistical documents.

**DISC DRIVES** — You can utilize two 5¼" single-sided disc drives that let you store approximately 40 pages. For increased capacity, you may configure the system with optional 8" single-sided discs that increase storage up to 130 pages of typed material. The disc drives are connected via a cable to the processor, allowing for easy placement on a desk top.

**PRINTER (OPTIONAL)** — The 820 features a 40 cps daisywheel printer that produces high quality copy with bi-directional printing in either 10 or 12 pitch. This is ideal for quick turnaround of documents.

**COMPATIBILITY** — Upward compatibility with 860 Information Processing Systems is offered on text created on the 820 with 8" disc drives through a separate software package offered on the 860. In addition, the 820 is an investment that will fit into your long-range plans, since *Ethernet* compatibility is available through the 872/873 Communication Server using Teletype communications mode on the 820.



midwest microcomputers, inc.

## SOFTWARE REVIEWS

#####

TRS-80

Title: ALIEN DEFENSE

Distributor: SOFT SECTOR MARKETING

Type: Arcade Game

Requirements: Disk/32k/Audio output

AAAARRGGHH!! Will I ever get the hang of this game?? Geez!

This is the fastest, most nerve-wracking arcade game yet for the TRS-80®. Available in both Model I or III versions, the Model III version uses some of the special graphics characters available on the Model III. Based on the DEFENDER arcade game from Midway (I think), ALIEN DEFENSE is a true test of your ability to sustain repeated defeats in order to wrack up a decent score (I can't get past 7000 points or so). The display is quick and almost flicker-free, the controls are simple, and the sound effects are OK.

Overall, I rate ALIEN DEFENSE "1 1/2" with a little off for the location of the control keys which are the 1, 2, 3, 8, 9, <ENTER>, and Space-Bar keys. These are not comfortable to use, but you get used to it as times goes by...

APPLE

TITLE: GORGON

DISTRIBUTOR: SIRIUS SOFTWARE

TYPE: ARCADE

REQUIREMENTS: DISK/32K

If you've been looking for a fast action arcade for your 48K APPLE®, GORGON may be just the thing for you. At first glance, GORGON looks like your basic "shoot-em-up" type game, in fact, it's modeled after the popular arcade game Defender.

Your spaceship laterally traverses the screen (via the left and right arrow keys) rising and descending (A and Z keys) while firing (Space-Bar) at aliens who appear out of thin air to try to carry people off.

a "RADAR" screen helps you keep track of the aliens. As one extra added factor, players have to keep track of fuel automatically done by a digital countdown and a warning signal to tell you when you're getting low. In that case, press the "B" key which transports you (very neatly done, too - I might add) off the top of the screen where you must maneuver through your satellites to refuel.

The Hi-resolution Graphics (E-Z-Wrighter) are the best part of this game. The response is fast and the display is very smooth.

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MIDWEST MICROCOMPUTERS - LOMBARD (495-9889)  
ICOM - LOMBARD (932-1766)  
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COMPUTERLAND - SCHAUMBURG (843-7740)  
NILES (967-1714)  
NORTHBROOK  
ELMHURST (832-0075)  
ARLINGTON HEIGHTS (870-7500)  
DOWNERS GROVE (964-7762)  
COMPUTER JUNCTION - (ELMHURST) (530-1125)  
JOSEPH ELECTRONICS - NILES (297-4200)  
COMPLETE COMPUTING CENTER - (LOMBARD) (420-0808)

THANK-YOU FOR YOUR HELP!! IF YOU WOULD LIKE TO JOIN THIS  
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GLAD TO DROP COPIES OFF!!

WACO SIGs

APPLE	Kirk benson	773-0265
ATARI	BOB SCHURICHT	882-1440
	NIGHTS	894-4334
CP/M	JAY JAECKEL	949-1115
1802	BILL RICHARDSON	530-1571

WACO SIGs

APPLE	KIRK BENSON	773-0265
ATARI	BOB SCHURICHT	882-1440
	NIGHTS	894-4334
CP/M	JAY JAECKEL	949-1115
1802	BILL RICHARDSON	530-1571
HOME BREW	GARY KAATZ	885-7713
BUSINESS/INVESTMENT	RON GUZIK	894-6727
TRS-80	BOB BROWN	398-6007
MAINFRAME	GEORGE MATYASZEK	622-5969
IBM P/C	PAUL SWANSON	951-0670
HEATH/ZENITH	GARRY GAMBREL	532-8187
	MARVIN GINO	

FOR MORE INFORMATION PHONE THE SIG  
COORDINATOR OR SHOW UP AT THE NEXT  
WACO MEETING.

THE WACO POST

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VOL 1 NUMBER 4  
MARCH 1982

PUBLISHED MONTHLY BY THE  
WOODFIELD AREA COMPUTERIST ORGANIZATION  
REPRODUCTION IS PERMITTED WITH THIS BYLINE:  
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EDITOR  
THE WACO POST  
ZSTEVE GIBSON  
723 SUNFISH PT.  
SCHAUMBURG, IL 60194

## BBS OF THE MONTH

There seems to be no end to the new boards popping up around Chicago. This month I'm going to write about a new board that's all the way down south in Homewood, Illinois. Central Industries' Bulletin Board is up 24 hours each day and you can reach them at (312) 957-3924 (300 BAUD Modem). The software is all new and the commands take some getting used to, but it does have a neat "Subject From To" style of listing messages. There is a Discussion section in which topics can be discussed in depth (something like adding your notes to Graffiti on the wall) and the callers usually leave a current listing of ON-TV programs.

During a recent call, I started to leave a message to the SYSOP (Garry Winer) about a problem I was having with the Board. Suddenly, it seemed like my Terminal had taken on a life of its own - words were coming up on the screen that I wasn't typing!! It seems that Garry was watching my attempts (at about 1:30 in the morning) and decided to help me out on-line. The BBS has no "CHAT" feature so if you need to talk to the SYSOP just type "SYSOP AROUND?" And if Garry is around he'll type back to you!!

Give Garry a call and say HI! Tell him you read about Central Industries here!!

That number again: (312) 957-3924 (300 BAUD)

## EXCERPTS FROM THE BOARDS

(MESSAGES OF INTEREST LEFT ON AREA COMPUTER BULLETIN BOARDS)

FROM- AL NIXON  
TO- ALL  
SUBJ- ZAP TO NEWDOS80 VER. 2.0

-----  
THIS ZAP TO NEWDOS80 VER. 2.0 FOR THE MODEL I ALLOWS CHANGING THE PDRIVE PARAMETER WITHOUT WRITING TO DISK. SYNTAX: SAME AS USING PARAMETER "A" EXCEPT USE "B".

EX: PDRIVE,0,1=7,B

THIS WOULD SET PDRIVE FOR DRIVE 1 TO EQUAL 7 UNTIL A RESET, OR ANOTHER PDRIVE COMMAND WITH EITHER "A" OR "B" IS CALLED. IT WILL NOT CHANGE THE PDRIVE ON THE DISK ONLY IN MEMORY.

SYS16/SYS 2,F8 CHANGE FE 41 21 20 06  
TO C3 C0 51 00 00

SYS16/SYS 4,D4 CHANGE ALL ZEROS TO:

FE 41 12 20 03 C3 F1 4F FE 42 C2 F7 4F 3E 41 12 77  
C5 E5 01 00 07 21 E2 4D 71 23 10 FC E1 C1 C3 F1 4F

THIS AREA IS PRESENTLY UNUSED. IF FUTURE APPARAT ZAPS US' THIS AREA IT WILL WIPE OUT THIS ZAP.

(FROM LAMS IN ROUND LAKE 740-9128)

## BBS BUS

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ABBS AIMS (HINSDALE)	789-0499*
CBBS (NIAUG) LAKE FOREST	295-6926*
CBBS (WARD & RANDY'S)	545-8086*
CBBS (HUG)	671-4992#
CCCC (CP/M) LAKE FOREST	234-9257*
MAUDE MILWAUKEE (CHI#)	876-0974*
MESSAGE-82 TRS80 (CHI.)	622-4442*
ELEC. EXCH. WHEELING	541-6470*
PBBS (PALATINE)	359-9450*
CRT SLOBB (CHI.)	373-8057*
LAMS (ROUND LAKE)	740-9128*
CAMS (CHICAGO)	927-1020*
CENTRAL IND. (CHICAGO)	957-3924*
NET-WORKS (SCHAUMBURG)	882-9237*
RBBS (HUG - DOWNERS GRV)	852-1305#

**SYSOPS!** - SEND NEWS AND NUMBERS TO:

**BBS BUS**  
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MISC. D.G. CONTROLLERS, CRT'S PRINTERS	
SIEMANS 8" FLOPPY DISK SS	\$275
SIEMANS 8" FLOPPY DISK DS/SS	\$475
IMSAI 80/15 S-100 MICRO	\$1,000
PROCESSOR TECHNOLOGY	
SOL20 W/16K RAM	\$1,100
MEMOREX 550, 8" FLOPPY SS/DD	\$295
OKIDATA CP110 PRINTER	\$300
DATA GENERAL MICRO NOVA, 32KW, RS232 CONTROLLER, DUAL FLOPPY DISK	\$4,000

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**MARCH MEETING**  
**SATURDAY MARCH 6TH**  
**APRIL MEETING**  
**SATURDAY APRIL 17TH.**

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FROM RT. 53 (WOODFIELD SHOPPING  
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WEST ABOUT 2 1/2 MILES TO ROSELLE  
RD. TURN LEFT (SOUTH) AND GO ABOUT 1  
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RIGHT ONTO LIBRARY LN. (WEST) AND  
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IF YOU HAVE FURTHER QUESTIONS  
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