

PASCAL USER'S GROUP

USER'S  
GROUP

# PASCAL NEWSLETTER

NUMBER 8

COMMUNICATIONS ABOUT THE PROGRAMMING LANGUAGE PASCAL BY PASCALERS

MAY, 1977

## TABLE OF CONTENTS

#	0	POLICY	#
*			*
#	1	EDITOR'S CONTRIBUTION	#
*			*
#	2	HERE AND THERE WITH PASCAL	#
*	2	News	*
#	3	Conferences	#
*	6	Books and Articles	*
#	7	Applications	#
*			*
#	8	ARTICLES	#
*			*
#	8	"Development of a Pascal Compiler for the C.I.I. IRIS 50. A Partial History." - Olivier Lecarme	#
*			*
#	11	"A Further Defence of Formatted Input" - B. A. E. Meekings	#
*			*
#	12	"Proposals for Pascal" - George H. Richmond	#
*			*
#	15	"A Proposal for Increased Security in the Use of Variant Records" - William Barabash, Charles R. Hill, and Richard B. Kieburztz	#
*			*
#	16	"Update on UCSD Pascal Activities" - Kenneth L. Bowles	#
*			*
#	18	"Some Comments on Pascal I/O" - Chris Bishop	#
*			*
#	19	OPEN FORUM FOR MEMBERS	#
*	22	Special Topic: Standards	*
#	40	IMPLEMENTATION NOTES	#
*	40	Checklist	*
#	40	General Information	#
*	40	Software Writing Tools	*
#	40	Portable Pascals	#
*	42	Feature Implementation Notes	*
#	44	Machine Dependent Implementations	#
*	64	Index	*
#	65	ALL PURPOSE COUPON	#

**RENEW!!**

## PASCAL USER'S GROUP POLICIES

Purposes - are to promote the use of the programming language Pascal as well as the ideas behind Pascal. Pascal is a practical, general purpose language with a small and systematic structure being used for:

- \* teaching programming concepts
- \* developing reliable "production" software
- \* implementing software efficiently on today's machines
- \* writing portable software

Membership - is open to anyone: particularly the Pascal user, teacher, maintainer, implementor, distributor, or just plain fan. Institutional memberships, especially libraries, are encouraged. Membership is per academic year ending June 30. Anyone joining for a particular year will receive all 4 quarterly issues of Pascal Newsletter for that year. (In other words, back issues are sent automatically.) First time members receive a receipt for membership; renewers do not to save PUG postage.

Cost of membership per academic year is \$4 and may be sent to:

Pascal User's Group/ %Andy Mickel/University Computer Center/227 Exp Engr/  
University of Minnesota/Minneapolis, MN 55455 USA/ phone: (612) 376-7290

In the United Kingdom, send £2.50 to:

Pascal Users' Group/ %Judy Mullins/Mathematics Department/The University/  
SOUTHAMPTON/S09 5NH/United Kingdom/ (telephone 0703-559122 x2387)

## PASCAL NEWSLETTER POLICIES

The Pascal Newsletter is the official but informal publication of the User's Group. It is produced quarterly (usually September, November, February, and May). A complete membership list is printed in the November issue. Single back issues are available for \$1 each. Out of print: #s 1,2,3,4 \*  
POLICY

The contribution by PUG members of ideas, queries, articles, letters, and opinions for the Newsletter is important. Articles and notices concern: Pascal philosophy, the use of Pascal as a teaching tool, uses of Pascal at different computer installations, portable (applications) program exchange, how to promote Pascal usage, and important events (meetings, publications, etc.).

Implementation information for the programming language Pascal on different computer systems is provided in the Newsletter out of the necessity to spread the use of Pascal. This includes contacts for maintainers, documentors, and distributors of a given implementation as well as where to send bug reports. Both qualitative and quantitative descriptions for a given implementation are publicized. Proposed extensions to Standard Pascal for users of a given implementation are aired. Announcements are made of the availability of new software writing tools for a Pascal environment.

Miscellaneous features include bibliographies, questionnaires, and membership lists. Editor's notes are in Pascal style comments (\*\*).

ALL THE NEWS THAT FITS, WE PRINT. PLEASE SEND WRITTEN MATERIAL TO THE NEWSLETTER SINGLE SPACED AND IN CAMERA-READY FORM. USE NARROW MARGINS; (LINE WIDTH 18.5 CENTIMETERS). REMEMBER, ALL LETTERS TO US WILL BE PRINTED UNLESS THEY CONTAIN A REQUEST TO THE CONTRARY.

- Andy Mickel, editor, John P. Strait, associate editor, April 26, 1977.

