

PASCAL NEWSLETTER

May, 1974

Number 2

FROM THE EDITOR

The second newsletter marks the release of PASCAL 2 for CDC CYBER 70 and 6000 series computers under the KRONOS or SCOPE operating systems. Interested CDC users may place orders as explained in the section PASCAL 6000 - 3.4. Also, implementations of PASCAL for other machines have become known through recent correspondence. Further information about these implementations can be obtained by writing directly to the contact given with the description of each implementation.

Please note the following important points.

1) Dr. Wirth, the author of PASCAL, is negotiating with a publisher to print a paperback edition of, "A User Manual for PASCAL" by Jensen and Wirth. People who have received a preliminary version of this manual should not make any further copies of it.

2) The University of Colorado has offered in the past a \$10 discount on orders of PASCAL from previous recipients of the package. The discount has been dropped since the new release of PASCAL is more than merely a correction to prior versions. The extra money will be used to defray the cost of this newsletter.

3) A short history of the development of PASCAL is given so that references can be made to the origin of PASCAL compilers on non-CDC computers.

4) A limited number of copies of the first edition of the newsletter are available on request from the editor.

Items of interest or requests for material can be mailed to the editor:

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HISTORY OF PASCAL

PASCAL is an ALGOL-like programming language with data structure facilities written by Dr. Niklaus Wirth at the Eidgenössische Technische Hochschule (ETH) in Zürich, Switzerland. The original language definition was made in November, 1970, in "The Programming Language PASCAL" published by ETH and later in Acta Informatica 1, 35-63 (1971). The last compiler of this version of PASCAL was released in August, 1972.

In November, 1972, experience gained with the original language revealed certain details of the language that should be changed. This

