

PASCAL USERS GROUP

# Pascal News

Communications about the Programming Language Pascal by Pascalers

Number 24

- Pascal Standards: Progress Report
- Status Report on Version 3.0
- WRITENUM — A Routine to Output Real Numbers
- TREEPRINT — A Package to Print Trees on Character Printers
- Three Proposals for Extending Pascal
- Announcements

Number

24

JANUARY 83

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## POLICY: PASCAL NEWS

(Jan. 83)

- *Pascal News* is the official but *informal* publication of the User's Group.

**Purpose:** The Pascal User's Group (PUG) promotes the use of the programming language Pascal as well as the ideas behind Pascal through the vehicle of *Pascal News*. PUG is intentionally designed to be non political, and as such, it is not an "entity" which takes stands on issues or support causes or other efforts however well-intentioned. Informality is our guiding principle; there are no officers or meetings of PUG.

The increasing availability of Pascal makes it a viable alternative for software production and justifies its further use. We all strive to make using Pascal a respectable activity.

**Membership:** Anyone can join PUG, particularly the Pascal user, teacher, maintainer, implementor, distributor, or just plain fan. Memberships from libraries are also encouraged. See the ALL-PURPOSE COUPON for details.

- *Pascal News* is produced 3 or 4 times during a year; usually in March, June, September, and December.
- ALL THE NEWS THAT'S FIT, WE PRINT. Please send material (brevity is a virtue) for *Pascal News* single-spaced and camera-ready (use dark ribbon and 15.5 cm lines!)
- Remember: ALL LETTERS TO US WILL BE PRINTED UNLESS THEY CONTAIN A REQUEST TO THE CONTRARY.
- *Pascal News* is divided into flexible sections:

**POLICY** — explains the way we do things (ALL-PURPOSE COUPON, etc.)

**EDITOR'S CONTRIBUTION** — passes along the opinion and point of view of the editor together with changes in the mechanics of PUG operation, etc.

**HERE AND THERE WITH PASCAL** — presents news from people, conference announcements and reports, new books and articles (including reviews), notices of Pascal in the news, history, membership rosters, etc.

**APPLICATIONS** — presents and documents source programs written in Pascal for various algorithms, and software tools for a Pascal environment; news of significant applications programs. Also critiques regarding program/algorithm certification, performance, standards conformance, style, output convenience, and general design.

**ARTICLES** — contains formal, submitted contributions (such as Pascal philosophy, use of Pascal as a teaching tool, use of Pascal at different computer installations, how to promote Pascal, etc.).

**OPEN FORUM FOR MEMBERS** — contains short, informal correspondence among members which is of interest to the readership of *Pascal News*.

**IMPLEMENTATION NOTES** — reports news of Pascal implementations: contacts for maintainers, implementors, distributors, and documentors of various implementations as well as where to send bug reports. Qualitative and quantitative descriptions and comparisons of various implementations are publicized. Sections contain information about Portable Pascals, Pascal Variants, Feature-Implementation Notes, and Machine-Dependent Implementations.

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