

TeX Users Group

TUGboat (ISSN 0896-3207) is published by the TeX Users Group. Web: tug.org/TUGboat.

Individual TUG memberships

2025 dues for individual members are as follows:

- Trial rate for new members: \$35.
- Regular members: \$115.
- Special rate: \$85.

The special rate is available to students, seniors, and citizens of countries with modest economies, as detailed on our web site. Members may also choose to receive *TUGboat* and other benefits electronically, at a discount. All membership options are described at tug.org/join.

Membership in the TeX Users Group is for the calendar year, and includes all issues of *TUGboat* for the year in which membership begins or is renewed, as well as software distributions and other benefits. Individual membership carries with it such rights and responsibilities as voting in TUG elections. All the details are on the TUG web site.

Journal subscriptions

TUGboat subscriptions (non-voting) are available to libraries and other organizations or individuals for whom memberships are either not appropriate or desired. Subscriptions are delivered on a calendar year basis. The subscription rate for 2025 is \$130.

Institutional memberships

Institutional membership is primarily a means of showing continuing interest in and support for TeX and TUG. It also provides a discounted membership rate, site-wide electronic access, and other benefits. For further information, see tug.org/instmem or contact the TUG office.

About the cover

The cover graphic was created by Keith McKay; it's an example of the art of asemic writing—writing without meaning. Keith's article on pages 340–345 gives some history and describes how it was made, using MetaFun and ConTeXt.

Trademarks

Many trademarked names appear in the pages of *TUGboat*. If there is any question about whether a name is or is not a trademark, prudence dictates that it should be treated as if it is.

[printing date: October 2024]

Printed in U.S.A.

Board of Directors

Donald Knuth, *Ur Wizard of T_EX-arcana*[†]

Arthur Rosendahl, *President**

Boris Veytsman*, *Vice President*

Karl Berry*, *Treasurer*

Jim Hefferon*, *Secretary*

Barbara Beeton*

Johannes Braams

Max Chernoff

Kaja Christiansen

Ulrike Fischer

Klaus Höppner

Tom Hejda

Jérémy Just

Frank Mittelbach

Ross Moore

Norbert Preining

Raymond Goucher (1937–2019),

Founding Executive Director

Hermann Zapf (1918–2015), *Wizard of Fonts*

*member of executive committee

†honorary

See tug.org/board for a roster of all past and present board members, and other official positions.

Addresses

TeX Users Group
P. O. Box 2311
Portland, OR 97208-2311
U.S.A.

Telephone

+1 503 223-9994

Fax

+1 815 301-3568

Web

tug.org
tug.org/TUGboat

Electronic mail

General correspondence,
membership, subscriptions:
office@tug.org

Submissions to *TUGboat*,
letters to the Editor:
TUGboat@tug.org

Volunteer TeXnical support,
public mailing list (a.k.a. texhax):
support@tug.org

Contact the
Board of Directors:
board@tug.org

Copyright © 2024 TeX Users Group.

Copyright to individual articles within this publication remains with their authors, so the articles may not be reproduced, distributed or translated without the authors' permission.

For the editorial and other material not ascribed to a particular author, permission is granted to make and distribute verbatim copies without royalty, in any medium, provided the copyright notice and this permission notice are preserved.

Permission is also granted to make, copy and distribute translations of such editorial material into another language, except that the TeX Users Group must approve translations of this permission notice itself. Lacking such approval, the original English permission notice must be included. An information notice to the *TUGboat* editors regarding such redistribution is appreciated.