FreeBSDournal Editorial Board

John Baldwin • FreeBSD Developer and Chair of FreeBSD Journal Editorial Board.

Justin Gibbs • Founder of the FreeBSD Foundation, President of the FreeBSD Foundation, and a Software Engineer at Facebook.

Daichi Goto • Director at BSD Consulting Inc. (Tokyo).

Tom Jones • FreeBSD Developer, Internet Engineer and Researcher at the University of Aberdeen.

Dru Lavigne • Author of BSD Hacks and The Best of FreeBSD Basics.

Michael W Lucas • Author of more than 40 books including Absolute FreeBSD, the FreeBSD Mastery series, and git commit murder.

> Ed Maste • Senior Director of Technology, FreeBSD Foundation and Member of the FreeBSD Core Team.

Kirk McKusick • Treasurer of the FreeBSD Foundation Board, and lead author of The Design and Implementation book series.

Hiroki Sato • Director of the FreeBSD Foundation Board, Chair of Asia BSDCon, Member of the FreeBSD Core Team, and Assistant Professor at Tokyo Institute of Technology.

Benedict Reuschling • Vice President of the FreeBSD Foundation Board and a FreeBSD Documentation Committer.

Robert N. M. Watson • Director of the FreeBSD Foundation Board, Founder of the TrustedBSD Project, and University Senior Lecturer at the University of Cambridge.

Mariusz Zaborski • FreeBSD Developer, Manager at Fudo Security.

S&W Publishing LLC PO BOX 408, BELFAST, MAINE 04915

Publisher • Walter Andrzejewski

walter@freebsdjournal.com

Editor-at-Large • James Maurer jmaurer@freebsdjournal.com

Design & Production • Reuter & Associates

Advertising Sales • Walter Andrzejewski walter@freebsdjournal.com Call 888/290-9469

FreeBSD Journal (ISBN: 978-0-615-88479-0) is published 6 times a year (January/February, March/April, May/June, July/August, September/October, November/December). Published by the FreeBSD Foundation, 3980 Broadway St. STE #103-107, Boulder, CO 80304 ph: 720/207-5142 • fax: 720/222-2350 email: info@freebsdfoundation.org Copyright © 2021 by FreeBSD Foundation. All rights reserved. This magazine may not be

reproduced in whole or in part without written permission from the publisher.

LETTER from the Foundation

ne of the myths surrounding FreeBSD is that it is only useful in server environments or as the foundation for appliances. The truth is FreeBSD is also a desktop operating system. FreeBSD's base system and packages include device drivers for modern graphics adapters and input devices. Consistent with FreeBSD's role as a toolkit, FreeBSD supports a variety of graphical interfaces ranging from minimalist window managers to full-featured desktop environments. The first article in this issue walks through several of these options explaining how users can tailor their desktop to their needs. It also provides pointers to downstream projects which build an integrated desktop system on top of FreeBSD. The next two articles dig into the details behind some of the newer desktop-supporting device drivers. Finally, our fourth article in this issue explains how to stay current with FreeBSD's development after the project's recent migration from Subversion to Git.

In June the editorial board along with developers from the FreeBSD Project hashed out themes for the next six issues of the *FreeBSD Journal*. We are very excited about these topics. As always, we love to hear from readers. If you have feedback on articles, suggestions for topics for a future article, or would like to write an article, please email us at info@freebsdjournal.com.

- FreeBSD Development (Sep/Oct 2021)
- Storage (Nov/Dec 2021)
- Ports and Packaged Base (Jan/Feb 2022)
- ARM64 is Tier 1 (Mar/Apr 2022)
- Disaster Recovery (May/Jun 2022)
- Science, Systems, and FreeBSD (Jul/Aug 2022)

Finally, we would like to thank George Neville-Neil and Kristof Provost for their service on the editorial board. Both individuals have stepped down for a wellearned break. George has served on the editorial board since the Journal's founding and was the first chair of the editorial board. Kristof has served on the editorial board for the past two years. Even though they are no longer on the editorial board, they will still be around the Journal's pages. One of them (or at least his alter ego) may even make an appearance in this issue...

On behalf of the FreeBSD Foundation, John Baldwin

Chair of the FreeBSD Journal Editorial Board