

## Editorial Board

- John Baldwin • Member of the FreeBSD Core Team and Chair of FreeBSD Journal Editorial Board
- Tom Jones • FreeBSD Developer, Internet Engineer and Researcher at the University of Aberdeen
- Ed Maste • Senior Director of Technology, FreeBSD Foundation and Member of the FreeBSD Core Team
- Benedict Reuschling • FreeBSD Documentation Committer and Member of the FreeBSD Core Team
- Mariusz Zaborski • FreeBSD Developer

## Advisory Board

- Anne Dickison • Marketing Director, FreeBSD Foundation
- Justin Gibbs • Founder of the FreeBSD Foundation, President and Treasurer of the FreeBSD Foundation Board
- Daichi Goto • Director at BSD Consulting Inc. (Tokyo)
- Allan Jude • CTO at Klara Inc., the global FreeBSD Professional Services and Support company
- 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*
- Kirk McKusick • Lead author of *The Design and Implementation* book series
- George Neville-Neil • Past President of the FreeBSD Foundation Board, and co-author of *The Design and Implementation of the FreeBSD Operating System*
- Hiroki Sato • Director of the FreeBSD Foundation Board, Chair of AsiaBSDCon, and Assistant Professor at Tokyo Institute of Technology
- Robert N. M. Watson • Director of the FreeBSD Foundation Board, Founder of the TrustedBSD Project, and University Senior Lecturer at the University of Cambridge

## S&W PUBLISHING LLC

PO BOX 3757 CHAPEL HILL, NC 27515-3757

Editor-at-Large • James Maurer  
maurer.jim@gmail.com

Design & Production • Reuter & Associates

*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@freebsd.foundation.org

Copyright © 2023 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

Welcome to the January/February issue. This edition features articles on several topics to aid in using FreeBSD to deploy web applications. Drew Gurkowski provides an introduction to using ZFS to manage storage. Roller Angel describes the creation of a virtual test lab built on top of jails. Finally, Thomas Munro dives into interactions between PostgreSQL and ZFS.

On a different note, Anne Dickison sat down with Ed Maste from the FreeBSD Foundation to talk about support for desktop use in FreeBSD.

In a previous welcome letter, I was eagerly anticipating a return to an in-person conference—EuroBSDCon 2022, that was held in Vienna, Austria. As a trip report by Kyle Evans in the November/December 2022 issue indicated, the conference was a tremendous success. In the new year, many of our beloved conferences are returning to in-person formats. FOSDEM was recently held in person, and AsiaBSDCon, BSDCan, and EuroBSDCon are all returning this year. At BSDCan in Ottawa, we will celebrate FreeBSD's 30th birthday! Editorial board members and *FreeBSD Journal* authors will be at these conferences and they're eager to chat with readers or answer questions.

As always, we love to hear from readers whether in person or via email. If you have feedback or suggestions for topics for a future article, or are interested in writing an article, please email us at [maurer.jim@gmail.com](mailto:maurer.jim@gmail.com).

## John Baldwin

Chair of the *FreeBSD Journal* Editorial Board