

### **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

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: 978-0-61 5-88479-0) 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: 720/207-51 42 • fax: 720/222-2350 email: info@freebsdfoundation.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

### A New Release is On the Way!

Welcome to the September/October issue. As I write this, FreeBSD is putting the finishing touches on its next major release: 14.0. Stay tuned, as articles in the November/December issue will cover many of 14.0's exciting new features.

In the meantime, the current issue provides some great reading while you're waiting for 14.0 to hit a CDN server near you.

Tom Jones continues with his column aptly named "Recollections." In this installment, Tom interviews Warner Losh, a long-time FreeBSD contributor and famous for melting laptops--among other stories.

Benedict Reuschling provides readers with a detailed walkthrough of using poudriere(8) to build local packages--from setting custom options to deploying signed package repositories to multiple client machines. Also, on the packages front, Charlie Li presents a brief history of packaging extensions in the Python ecosystem and the work to adapt FreeBSD's ports tree to the most recent iteration.

To add jails to the mix, Alonso Cárdenas details the use of FreeBSD jails as the basis for a cybersecurity training platform using the existing open source tools Wazuh and Caldera.

One of the great things about the FreeBSD community is meeting up with members at events around the world. This issue contains a trip report from CCCamp 2023 and the November/December issue will highlight a report from EuroBSDCon 2023.

We enjoy hearing from readers and benefit from your communications with us. If you have feedback on published articles, suggested topics for future articles, or would like to write for the Journal, please email us at info@freebsdjournal.com.

### John Baldwin

Chair of FreeBSD Journal Editorial Board