Happy Holidays!

Welcome to the November/December issue of the FreeBSD Journal. Christmas came early this year for FreeBSD users with the release of 14.0 in November. 14.0 includes many new features and improvements developed since 13.0’s release in April of 2021. Two and a half years’ worth of work is far too much to describe in a single issue, and several articles in both past and future issues highlight work done during this release cycle. One of the new features for the bhyve hypervisor in 14.0 is support for GPU passthrough which was covered in detail by Corvin Köhne back in our March/April issue. In this issue, Doug Rabson writes about OCI container images and his use of packaged based to build images. Warner Losh opens a two-part series on booting FreeBSD from Linux-based firmware.

Each major release is a capstone to all the work done during the previous development cycle, but it also marks the start of a new development cycle. As a community, we are always looking for new individuals to join us in contributing to FreeBSD’s future success. Tom Jones interviews a newly minted committer, Joel Bodenmann, sharing his story both as a FreeBSD user and contributor. Tom Jones and Trenton Schulz also relate their experiences from a hackathon in Oslo.

Finally, Dave Cottlehuber provides an excellent introduction to webhooks covering both setting up a webhook server and invoking the hooks. He concludes with an example of a webhook triggered by GitHub events such as pushes to a branch.

As always, we love to hear from readers. If you have feedback on any of our articles, suggestions for topics for a future article, or are interested in writing an article, please email us at info@freebsdjournal.com.

John Baldwin
Chair of the FreeBSD Journal Editorial Board