In much of the Northern Hemisphere, spring has sprung, and in spring, a young developer’s fancy turns to debugging and testing. If you doubt this, then you need look no further than the three excellent articles in this issue to change your mind.

As proof, we offer: “Debugging with GDB” by John Baldwin, “The Automated Testing Framework” by Kristof Provost, and “Diagnosing Excess LDAP Connections Using DTrace” by Benedict Reuschling. While it’s true that many developers continue to debug with printf(), you don’t have to live that way, and John Baldwin gives us a tour of the latest version (8.3) of gdb, the GNU debugger, and shows how it can save hours of frustration in tracking down bugs in our code. Preventing bugs in our code is best done with good tests, and that’s exactly what Kristof Provost explains to us in his article. Rounding out the three is Benedict Reuschling’s personal-experience/backup-story article on using DTrace to debug problems on a live system.

We have a fresh crop of columns for this spring issue as well. Dru Lavigne profiles Kai Knoblic, a new ports committer; Michael W Lucas answers some letters; and Steven Kreuzer tells us all that’s new in the source tree in svn Update. Deb Goodkin, Executive Director of the FreeBSD Foundation, gives a report on FOSDEM, the first big, open-source conference for 2019, which drew over 5,000 open-source project participants from all over Europe and the world for a weekend of meetings, presentations, and meetups in Belgium. Speaking of conferences, if you’re interested in attending a FreeBSD-related event, you’ll find a list in Events Calendar, curated by Dru Lavigne and Anne Dickison.

We look forward to seeing as many readers as possible at BSDCan in Ottawa, Ontario, in mid-May. Most of the Editorial Board members will attend, so if you see us there, please stop to say “hi” and let us know how we’re doing with FreeBSD Journal.

George Neville-Neil