OpenZFS Developer Summit • Oct. 24 & 25 • San Francisco, CA
http://open-zfs.org/wiki/OpenZFS_Developer_Summit • The 5th annual OpenZFS Developer Summit will take place at the Children’s Creativity Museum in San Francisco. The goal of the event is to foster cross-community discussions of OpenZFS and to make progress on some of the proposed projects. This event consists of a day of presentations followed by a one-day hackathon. There is a nominal registration fee to attend.

LISA • Oct. 29–Nov. 3 • San Francisco, CA
https://www.useunix.org/conference/lisa17 • The 31st Large Installation System Administration Conference will be held in San Francisco. There will be a FreeBSD booth in the expo area, and an expo-only pass is available for a nominal fee.

BSDTW • Nov. 11 & 12 • Taipei, Taiwan
https://bsdtw.org/ • The first annual BSDTW conference aims to encourage more BSD developers throughout Asia, drawing speakers both locally and from the entire world. It will gather in Taipei, Taiwan, for a mix of developer and user-focused presentations, food, and activities.

FreeBSD support for the ARM architecture has historically been a grassroots affair, and for a whole host of embedded platforms this works well. With the launch of ARMv8, the development of ARM-based systems has expanded into the enterprise from a server infrastructure and into a desktop infrastructure standpoint. To support the enterprise market, it was clear we needed a more aggressive development model to deliver the most complete and competitive offering of FreeBSD.

ARM is short on in-house expertise with FreeBSD. We have many who have an interest, but no real developmental expertise. With the advent of version 8 of the ARM architecture (which enables 64-bit support), we looked at ways of bringing FreeBSD to ARMv8.

Following is a taxonomy of file system and storage development from 1979 to the present. Fast FileSystems as its focus. It describes the early performance work that led to the development of Fast FileSystems, and the development of ARM-based systems has expanded into the enterprise from a server infrastructure and into a desktop infrastructure standpoint.

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