ARM Ports BoF

Where are we now, what's coming?

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Agenda

- arm64
- armhf
- armel
- Buildds and hardware
- Discussion
- Take notes in gobby please!
  - `gobby.debian.org`
  - `Debconf17/bof/arm-ports`

arm64

- Current port, first released with Jessie
- Working well
- More devices available now, more coming
- Real server hardware!
- Simple choice of kernel with DTB and/or ACPI

armhf

- Current port, first released with Wheezy
- Hard-float ABI, v7, VFPv3-D16
  - Standard for 32-bit Arm Linux distros
- armmp kernel & DTBs
  - Potentially massive set of supported devices
- UEFI...

armel

- Current port, first released with Lenny

- Soft-float ABI, v4t

- Still supported upstream…

  - **Ish…**

- Plan to drop from testing soon

  - Will not release with Buster

Buildds and hardware

- Mostly relying on dev boards still for 32-bit:

  - Marvell Armada XP (v7)

  - Freescale imx53 (v7) porter box

- Wider arm64 machine options

  - AMD Seattle, APM Mustang, Arm Juno

Discussion

- What else can we be doing?
- What else should we be doing?

What else?

- More porters always welcome
- #debian-arm on irc.debian.org
- debian-arm@lists.debian.org

Thanks

arm

Linaro

And all the community!