ARM Ports BoF
Where are we now, what's coming?

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Agenda

• armel
• armhf
• arm64
• Buildds and hardware
• Discussion
• Take notes in gobby please!
  - gobby.debian.org
  - Debconf16/bof/arm-ports
armel

- Current port, first released with Lenny
- Soft-float ABI, v4t
  - Still needed for older hardware
- Still supported upstream...
  - Ish...
- How long?
  - How many users?
  - Release with Stretch? LTS?
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...
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
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

• New hardware? Real servers?
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

And all the community!

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