Introduction

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About Me

- Born: Sydney
- Living: Kobe → Amsterdam
- Playing with Linux: Since 1994
- Working with Linux: Since 1997
- Working with Renesas: Since 2010

Recent Open Source Software Experience

- Linux Kernel:
    - Renesas ARM & ARM64 Based SoC Maintainer
    - IPVS Maintainer
- kexec-tools Maintainer
- Open vSwitch Developer with commit access
- Debian Debian Developer

Current Projects

- Renesas ARM & ARM64 Based SoC Maintenance
- SDHI SDR 104
- R-Car M3-W Suspend-To-RAM
- BSP analysis and upporting

- devel and next branches of renesas tree on kernel.org
- DTS/DSTI, SoC, Defconfig and some driver updates
- Patches pushed to mainline via ARM-SoC maintainers and their tree

Renesas ARM & ARM64 Updates for v4.9

- Basic M3-W & V2H support
- SMP support using APMU for H2, M2-W, V2H and M2-N (previously UP only)
- Can FD support for H3
- DT clean-ups

SDHI SDR 104

- Based on work present in BSP
- Current challenge is timeouts during tuning
- Current target is R-Car Gen2 (H2)
- May move to R-Car Gen3 (H3) now DMA support has been prototyped for mainline

R-Car M3-W Suspend-To-RAM

- Prototype for mainline
- Just getting started

BSP analysis and upporting

- Analyse BSP patches
- Isolate patches suitable for upporting to mainline
- And new features for development targeted at mainline