GRUB upstream and distros cooperation

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Presentation Agenda

1. GRUB maintainers
2. GRUB 2.02 release
3. GRUB planned 2.04 release
4. GRUB - new config language
5. GRUB - the future plans
6. GRUB - discussion about the community/distros expectations
GRUB maintainers

- Vladimir 'phcoder' Serbinenko
- Alexander Burmashev, Oracle
- Daniel Kiper, Oracle
- Andrey Borzenkov, unofficial
GRUB 2.02 release

- Support for ARM uboot, ARM EFI, AARCH64 EFI, ARM coreboot
- Support for the Xen PV guests i386 and x86_64
- New Multiboot2 Features
  - EFI boot services availability for the OS
  - Support for self relocatable OS images (the ELF reloks are not supported yet)
- Plenty of fixes
GRUB planned 2.04 release - tentatively second half of 2018

• Verifiers framework - under review
  – The TPM support - under review
  – The UEFI secure boot support - under review

• Xen PVH support - waiting for review

• Various extensions and fixes for ARM and AARCH64

• Various extensions and fixes for SPARC (mostly done by Oracle guys on Debian folks request)

• Plenty of fixes
GRUB - new config language

• Current state
• Goals
• Example
• Feedback
GRUB - future plans

• Increase patches review „throughput” and decrease response delay for emails
• Reduce the number of custom patches needed by various distros to make GRUB2 usable for them
• Improve overall cooperation with distros and the other interested parties
• Introduce the automatic testing of GRUB2 code from git tree
GRUB - discussion about the community/distros expectations

• What do you care about?
• What is not important for you (at all)?
• Do you think my planned priorities are the same as yours?
• Are there any other community/distros expectations?
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