

GRUB: new maintainers, news and future

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Daniel Kiper

Maria Komar

GRUB maintainers

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Vladimir
Serbinenko
(phcoder)



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Andrey
Borzenkov
(arvidjaar)

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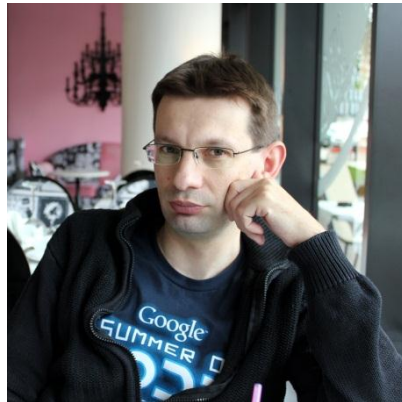
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(daniel.kiper)



GRUB maintainers

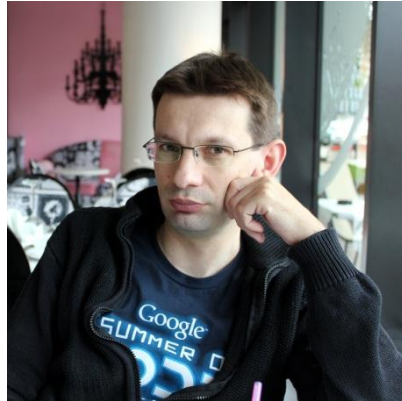
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Serbinenko
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Andrey
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(arvidjaar)



Daniel
Kiper
(daniel.kiper)



Alex
Burmashev
(alexander.burmashev)



GRUB 2.02

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↳ GRUB 2.02~rc1 was released

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→ GRUB 2.02~rc1 is available at <http://alpha.gnu.org/gnu/grub/grub-2.02~rc1.tar.xz>

New supported platforms

New supported platforms

ARM

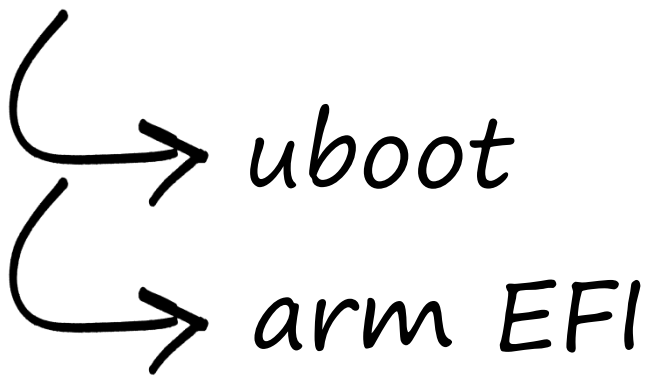
New supported platforms

ARM

↳ uboot

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- ↳ uboot
- ↳ arm EFI
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XenTM

- ↳ PV guests
 - ↳ i386
 - ↳ x86_64

New Multiboot2 Features

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- *EFI boot services availability for OS*

New Multiboot2 Features

- EFI boot services availability for OS
- Support for self relocatable OS images (ELF relocs are not supported yet); a working example is under review on Xen-devel ML

... and
plenty of
fixes

Future plans & ideas

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↳ make all tests run without root

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↳ make automated system regularly check GRUB tree

Future plans & ideas

- ↳ make all tests run without root
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- ↳ kernel verification

Future plans & ideas

↳ make all tests run without root

↳ make automated system regularly check GRUB tree

↳ kernel verification

↳ feel free to contribute!

Kernel verification

Kernel verification



GPG

signatures

Kernel verification



GPG

signatures



TPM

Kernel verification

↙
GPG
signatures

↓
TPM

↘
UEFI
SecureBoot
and shim

Kernel verification



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TPM



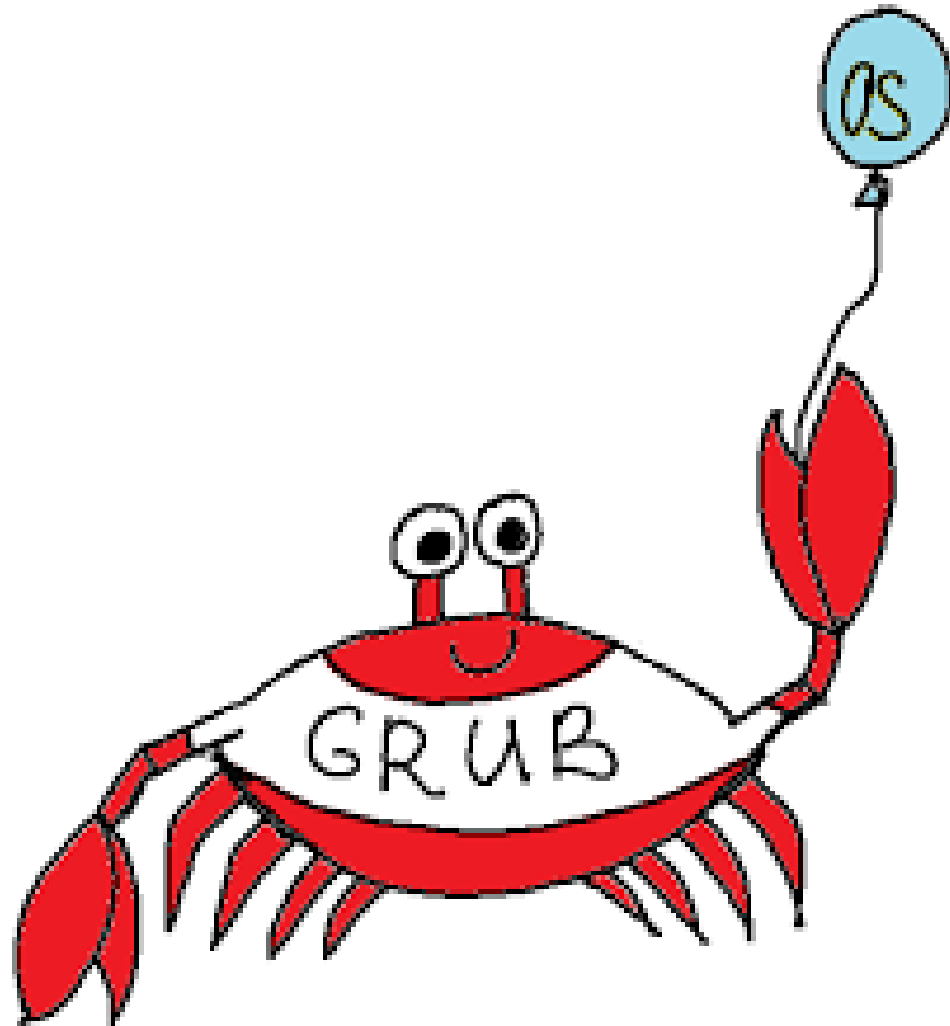
UEFI

SecureBoot
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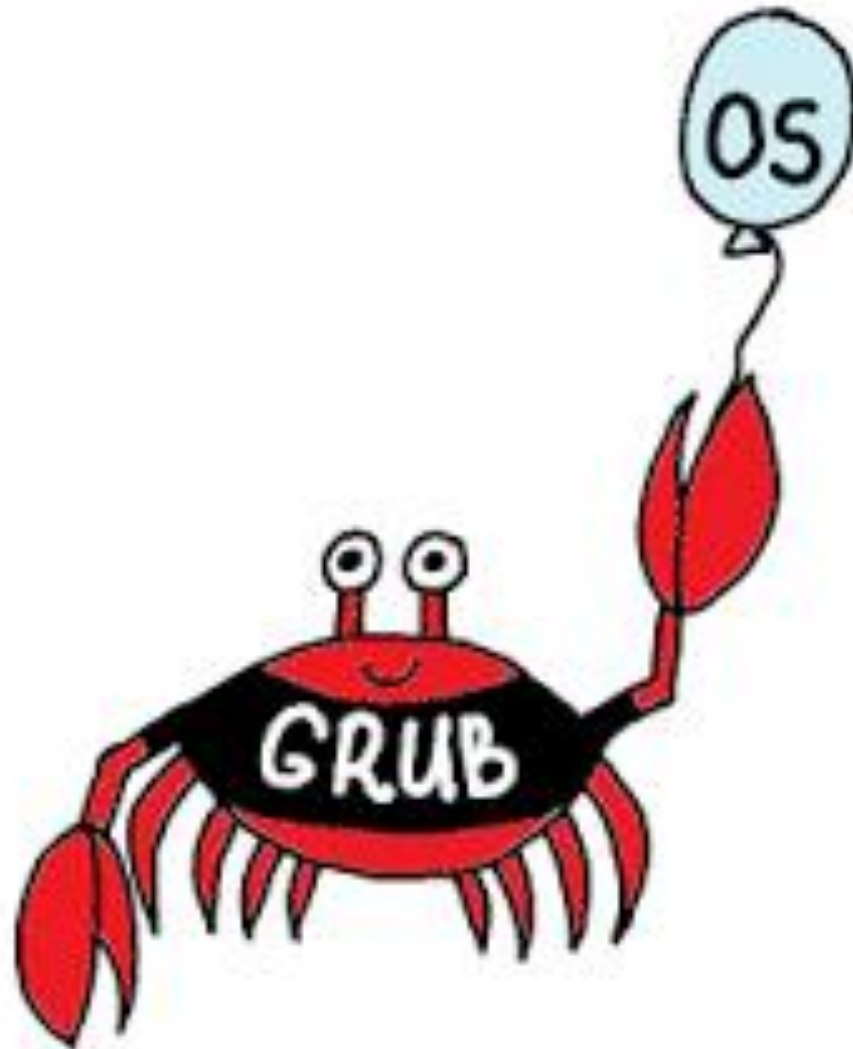
migrate to common framework
to separate hooks from methods
after 2.02

GRUB mascot beta-version

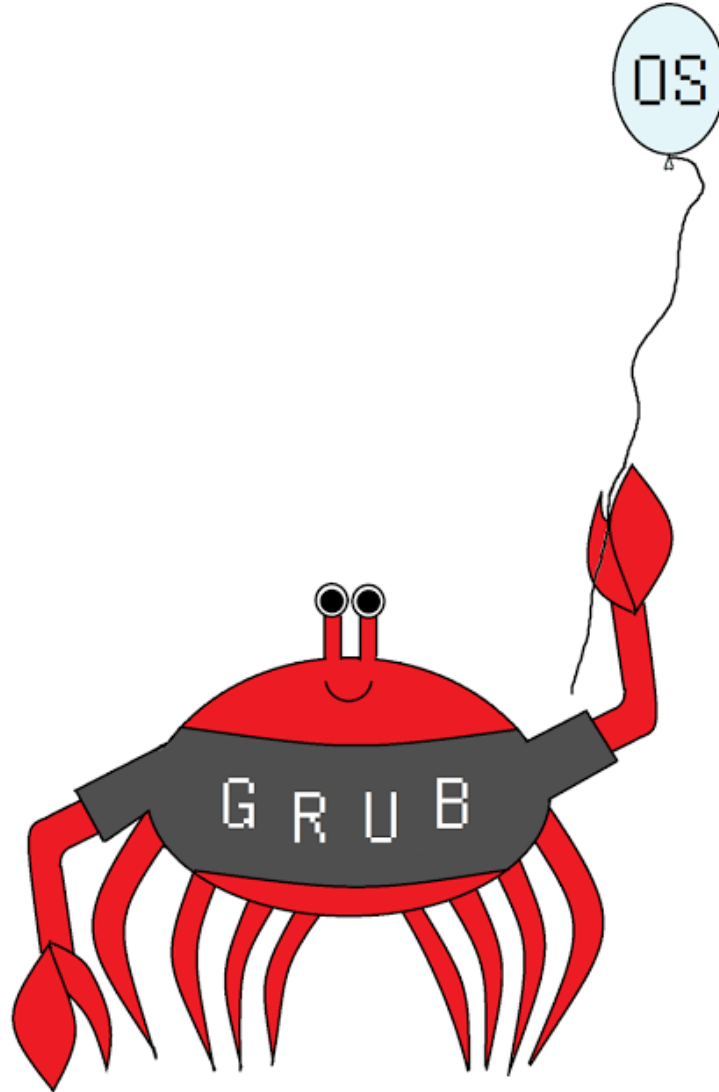
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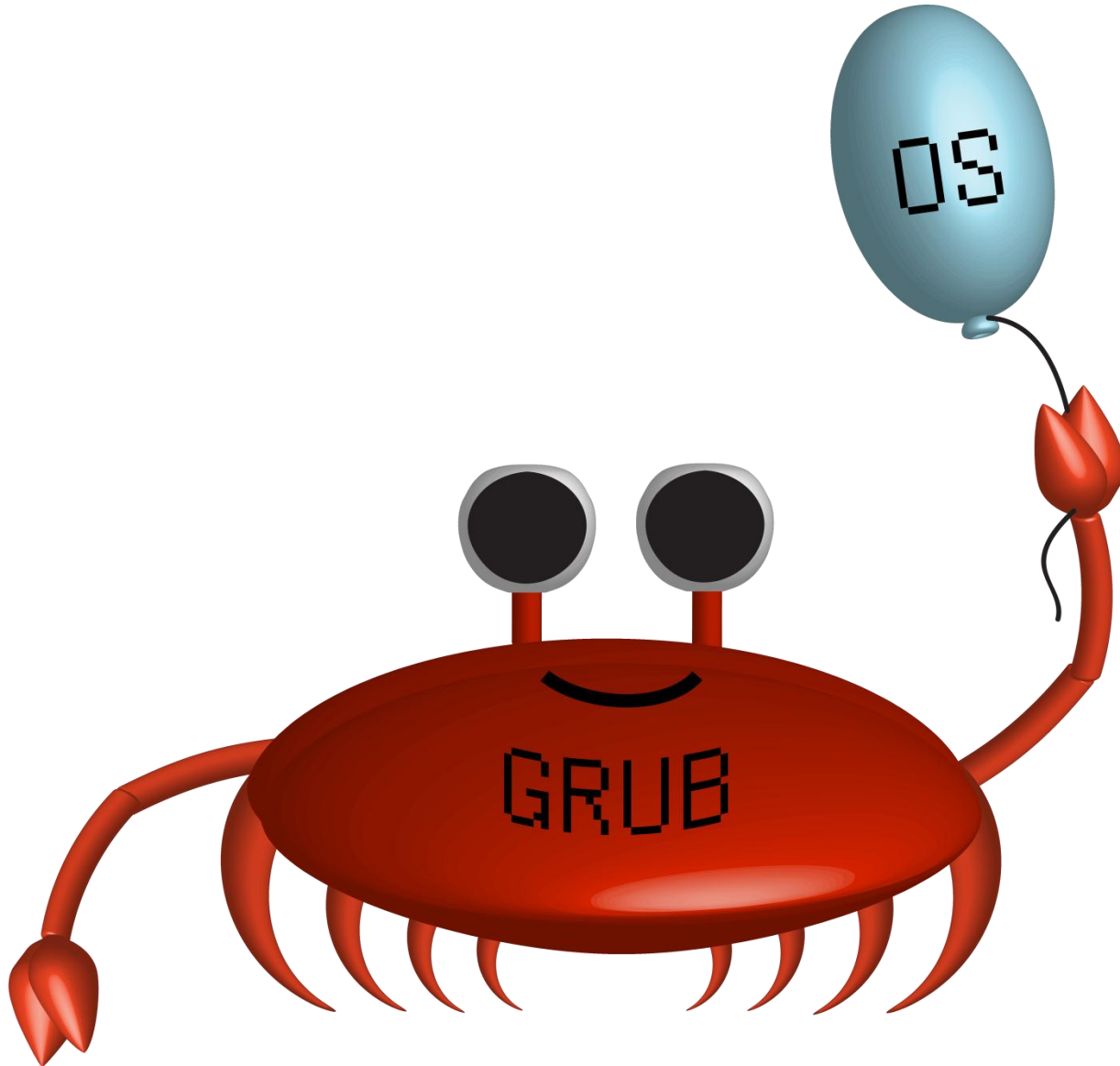
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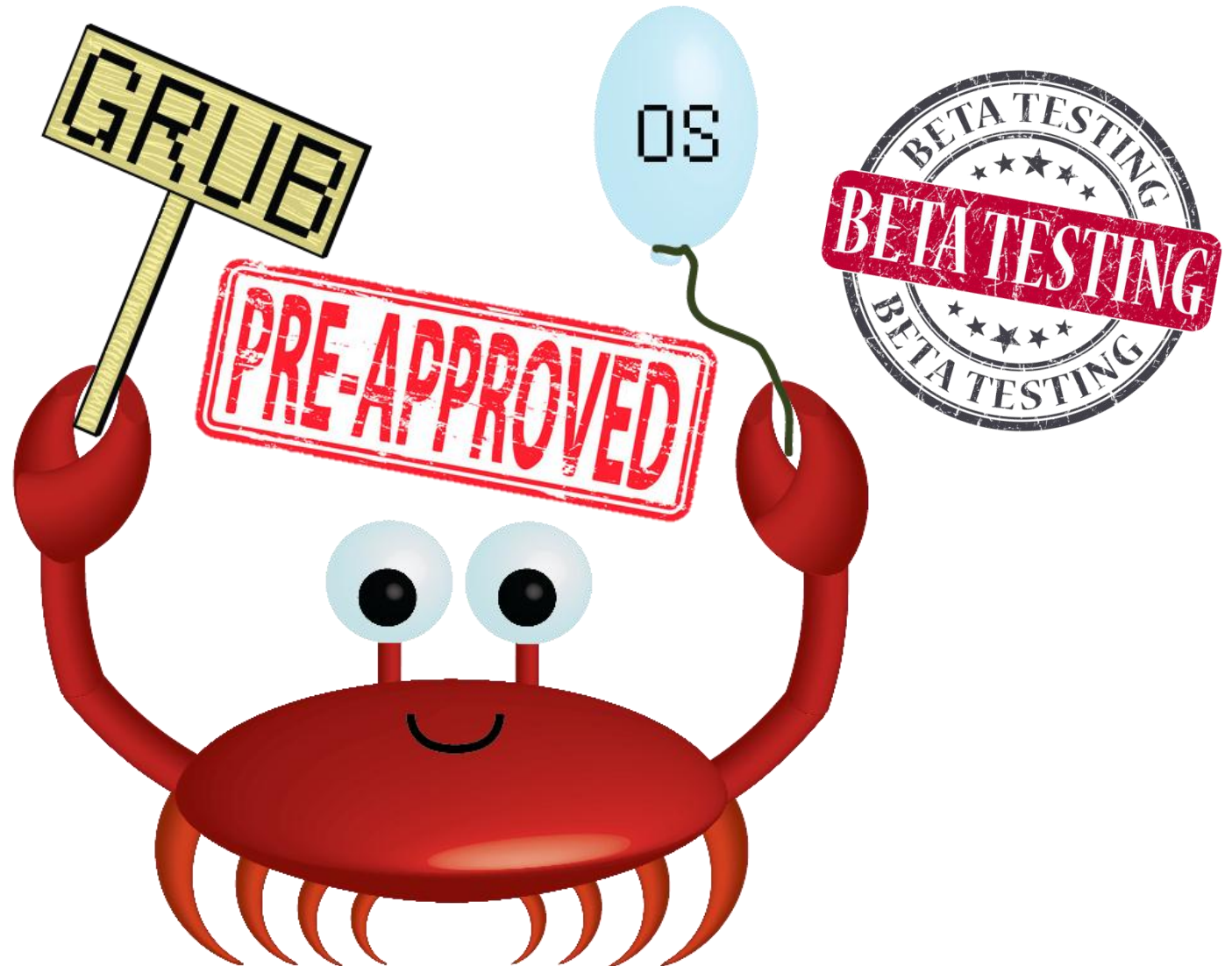
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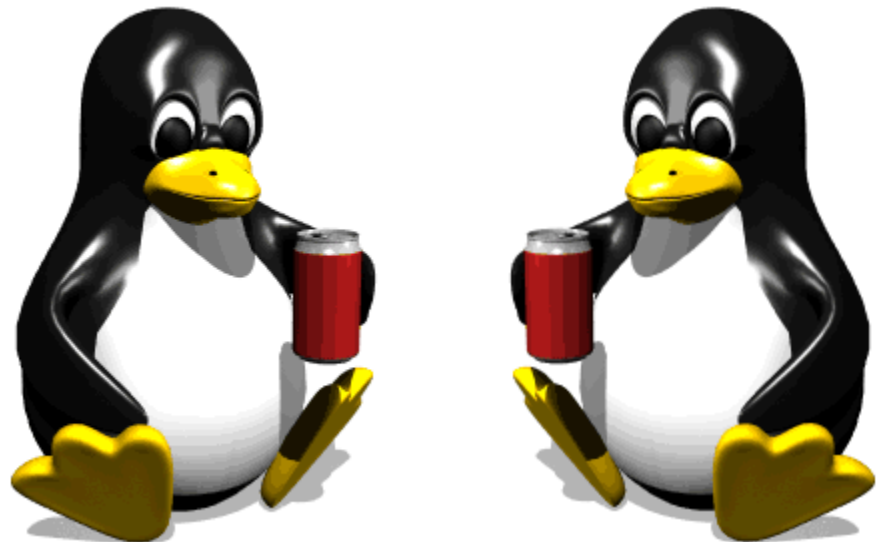
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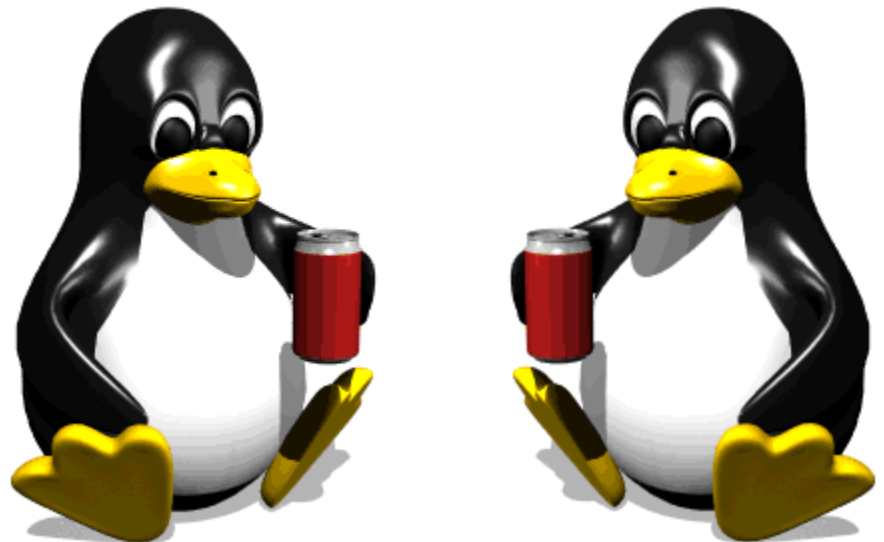


F2F meeting with maintainers



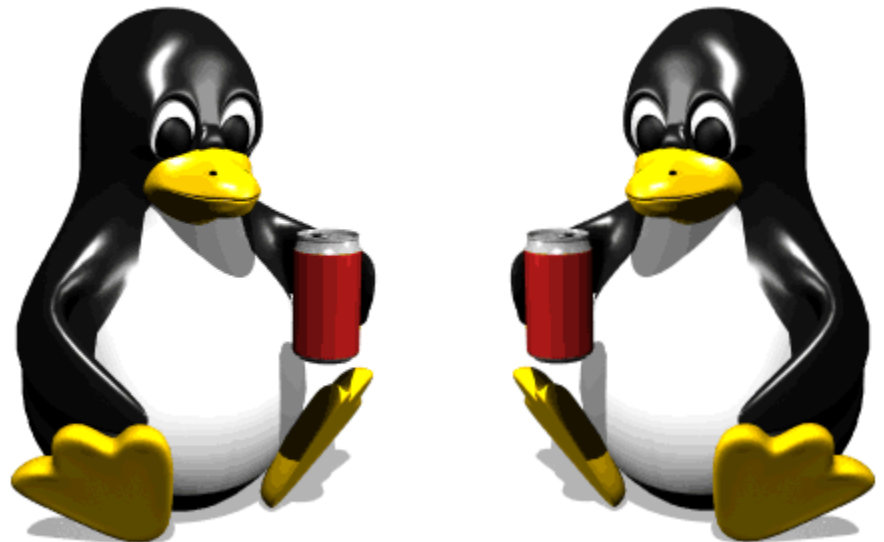
F2F meeting with maintainers

- Today at 20-00 in Jam Hotel rooftop bar



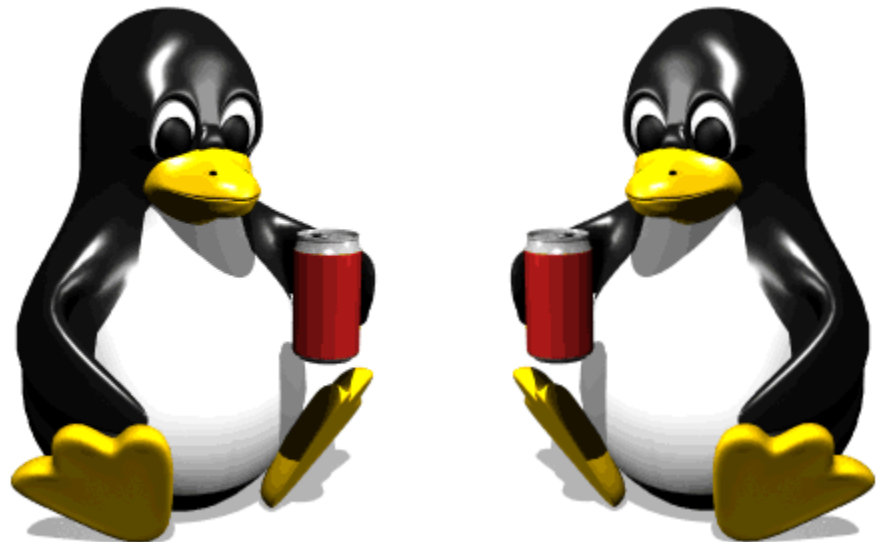
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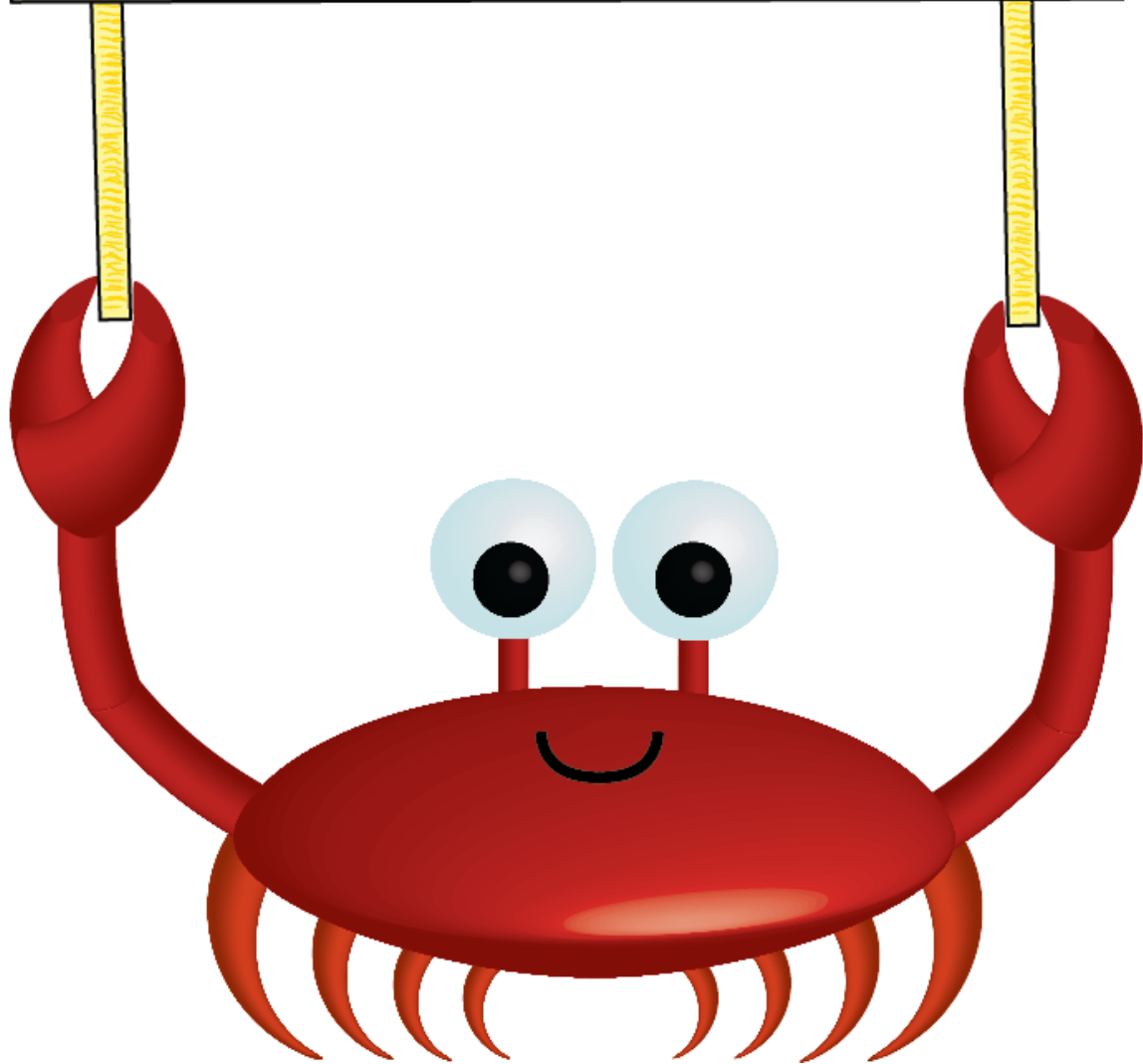


F2F meeting with maintainers

- Today at 20-00 in Jam Hotel rooftop bar
- Everyone pays for himself/herself
- Ask Maria for further questions
 - maria.s.komar@gmail.com
 - mail/hangouts



QUESTIONS?



Links & acknowledgements

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