Documentation - Bug #339

GPT and syslinux - steps after updating with pacman -Syu

2013-05-24 01:57 PM - fchmmr

Status:	open	**% Done:**	0%
Priority:	bug		
Assignee:			
Category:			

Description

Hi,

I updated my Parabola system with pacman -Syu, which installed a new linux-libre version.

I use GPT partitioning and SYSLINUX bootloader, and after rebooting further to updating, I found that I could not boot into my Parabola system, with the SYSLINUX menu instead giving me the following:

failed to load libcom32.c32
failed to load COM32 file vesamenu.c32

Since I could not therefore boot into my system, I attempted a fix via the Live CD, and was successful.

Basically you have to mount your installation in the Live CD and do this (after chrooting into it with eg arch-chroot /mnt):

syslinux-install_update -iam

Relevant data:
http://pastebin.com/W6Ke8cCD
http://pastebin.com/xYyei60q

History

#2 - 2013-05-24 02:03 PM - fchmmr

Basde on suggestion from alfplayer in IRC chat, this may be a necessary step after each kernel upgrade (when new linux-libre versions are installed), for users of GPT and syslinux bootloader.

After pacman -Syu, issue this command:
syslinux-install_update -iam

If you forgot to do it and you system is unbootable, boot into the Parabola CD and:
mount /dev/sda1 /mnt (your root partition)
mount all other partitions to their respective subdirectories under mount. For example:
mount /dev/sda2 /mnt/home
swapon /dev/sda3

arch-chroot /mnt
syslinux-install_update -iam
(also check that your syslinux.conf is correct)
exit
umount /dev/sda2
umount /dev/sda1
swapoff -a
(basically unmount your partitions)

then:
reboot

Your SYSLinux bootloader screen should now appear again, and you should be able to boot into your system. You

#3 - 2013-05-24 02:10 PM - alfplayer

This could have been caused by the recent syslinux upgrade to version 5. If that was the problem, this bug shouldn't appear again on this system.