

Calculate Linux - Bug # 84: Enumeration block devices by installer for grub.conf

Status:	New	Priority:	High
Author:	Ð•Ð»ÐµÐ°Ñ•ÐµÐ¹ Ð¬Ñ,ÐµÐ¸Ð°	Category:	Calculate Utilities
Created:	01/22/2010	Assignee:	Mikhail Hiretsky
Updated:	07/01/2011	Due date:	
Subject:	Enumeration block devices by installer for grub.conf		
Description:	<p>At moment of the install system by calculate utility, the programm algorithm is wrong defines a block devices enumeration...</p> <p>I think because it get data from *fdisk* command output, but it`s give a incorrect result in some situations.</p> <p>h3. For example</p> <p>My server has a RAID Controller, who can support work together are two disk array.</p> <p>And I have this output fdisk:<pre></p> <pre>fdisk -l grep "/dev/sd" Disk /dev/sdb: 749.5 Gb, 749461307392 bytes /dev/sdb1 1 91116 731889238+ 83 Linux Disk /dev/sda: 293.8 Gb, 293810995200 bytes /dev/sda1 1 12289 12583920 83 Linux /dev/sda2 12290 24578 12583936 83 Linux /dev/sda3 24579 32771 8389632 82 Linux swap / Solaris /dev/sda4 32772 280200 253367296 83 Linux</pre> <p></pre></p> <p>You can see what fdisk define a /dev/sdb as first block disk device, itsn`t corectly.</p> <p>To verify this - I use udev sysfs and put next command:<pre></p> <pre>ls -laF /sys/block/ grep sd lrwxrwxrwx 1 root root 0 Jun 23 02:11 sda -> ../devices/pci0000:00/ ... /target0:0:0:0:0/block/sda/ lrwxrwxrwx 1 root root 0 Jun 23 02:11 sdb -> ../devices/pci0000:00/ ... /target0:0:1:0:0/block/sdb/</pre> <p></pre></p> <p>There we can see, how enumerate are block devices on PCI bus. :)</p> <p>But when I want install a system to /dev/sda2 slice, calculate utility make it correctltly, but in grub.conf, in the boot item, it write some like:<pre></p> <pre>root (hd1,1)</pre> <p></pre></p> <p>I think, what it a simple small bug, and not difficult for fixing ;-)</p> <p>Best regards, Alexey Shtepa.</p>		

History

01/14/2011 10:07 am - Alexander Tratsevskiy

- Assignee set to Mikhail Hiretsky