

PCBSD - Bug #16797

UEFI 'fixgrub' fails in TrueOS-Desktop-12.0-CURRENT-08-02-2016-x64-DVD.iso

08/11/2016 10:52 AM - Mark T

Status:	Unscreened
Priority:	No priority
Assignee:	
Category:	Grub
Target version:	
Seen in:	11.0-CURRENT

Description

'fixgrub' utility will fail to recognize UEFI boot.

To reproduce symptoms:

```
Booting to installer: TrueOS-Desktop-12.0-CURRENT-08-02-2016-x64-DVD.iso

Boot loader mnu: Configure Boot Options;
                  Text Install/Console....
                  [Enter]
                  TrueOS Installation Menu, Utility System Utilities
                  fixgrub Restamp GRUB on disk.

kenv grub.platform
kenv: unable to get grub.platform

sysctl machdep.bootmethod
machdep.bootmethod: UEFI

utility, 'fixgrub' ---

Generating grub configuration file ...
Found theme: /boot/grub/themes/pcbsd/theme.txt
done
Installing GRUB to ada0
Installing for i386-pc platform.
grub-install: warning: this GPT partition label contains no BIOS Partition;
              embedding won't be possible.
grub-install: error: filesystem 'zfs' doesn't support blocklists.

ls -la /boot/efi/efi/boot
  (bootx64.efi --- was not updated).
.
ls -la /boot/grub
  objects updated:
  grub.cfg
  i386-pc/
  locale/
```

Works as expected only when:

```
mount -t msdosfs /dev/ada0p1 /mnt/boot/efi
kenv grub.platform=efi

cp /root/beadm.install /mnt/root

chroot /mnt
```

```
cd /boot/grub

grub-mkconfig -o grub.cfg

Generating grub configuration file ...
Found theme: /boot/grub/themes/pcbsd/theme.txt
done
Installing GRUB to ada0
(and no error messages)

ls -la /boot/grub
(objects updated:)
grub.cfg
locale/
x86_64-efi/
.
ls -la /boot/efi/efi/boot
(bootx64.efi -- was updated. )
```

History

#1 - 08/11/2016 10:55 AM - Mark T

- Seen in changed from 11.0-CURRENTAUGUST2016 to 11.0-CURRENT

#2 - 10/05/2017 01:48 PM - dam muryph

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