

Re: VESA non-VGA flag

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2005-05/1014.html>

From: Jia-Shiun Li (jiashiun_at_gmail.com)

Date: 05/30/05

Date: Mon, 30 May 2005 14:15:26 +0800

To: freebsd-current@freebsd.org, Søren Schmidt <sos@deepcore.dk>, Ian Dowse <iedowse@maths.tcd.ie>

Ok I filed PR i386/81445. Next could somebody tell me how to get it committed, or am I missing anything else?

Jia-Shiun.

On 3/15/05, Jia-Shiun Li <jiashiun@gmail.com> wrote:

> On Thu, 10 Mar 2005 17:01:13 +0800, Jia-Shiun Li <jiashiun@gmail.com> wrote:

>> Hi,

>>

>> *These days I was trying to add a splash screen. I used VMWare to test, but it cannot init VESA correctly, which is odd since VMWare claimed its display to be VESA compliant. I then traced into src/sys/i386/isa/vesa.c, found that it was cause by the flag V_NONVGA. It will stop initializing if this flag is set, at line 655(v1.50). If I comment it out, VESA will work on VMWare and I can happily use my splash screen during booting.*

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>> *I tried to google some info, but still cannot figure out if the 'non-VGA' flag really means 'not (IBM)VGA backward-compatible' or 'not a display device at all'. But since anything implementing VBE must be a display device to make sense, I suppose it to be the former. The question is, if the checking of non-VGA flag can be safely removed? I do not know if there is any devices depending on it to work correctly. To me it seems ok without the checking.*

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> *According to VBE 3.0 page 26, the non-vga flag means 'not VGA compatible', so it should not prevent VESA from initializing.*

>

> *I did not found anyone responsible for this. Søren and Ian could you take a look at this patch? It makes VESA work on VMWare without breaking it on other (real)hardwares.*

>

> Jia-Shiun.

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> --- sys/i386/isa/vesa.c.orig Mon Mar 14 23:55:19 2005

> +++ sys/i386/isa/vesa.c Mon Mar 14 23:55:42 2005

freebsd-current: Re: VESA non-VGA flag

```
> @@ -652,8 +652,6 @@
> printf("VESA: information block\n");
> dump_buffer(buf, 64);
> }
> - if (vesa_adp_info->v_flags & V_NONVGA)
> - return 1;
> if (vesa_adp_info->v_version < 0x0102) {
> printf("VESA: VBE version %d.%d is not supported; "
> "version 1.2 or later is required.\n",
>
>
>
>
```

freebsd-current@freebsd.org mailing list

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