

Re: Simple program cwitching thru all video-modes craps-out ...

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- *From:* "R. Wieser" <spamtrap@xxxxxxxxxx>
 - *Date:* Wed, 31 Aug 2005 17:32:08 +0000 (UTC)
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Jim Leonard <spamtrap@xxxxxxxxxx> schreef in berichtnieuws
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Hello Jim,

[snip]

- > Trying to SET all modes is not safe. QUERYING them is.
- > For non-VESA modes, there are various ways to query,
- > but since you are programming for a modern environment
- > it is probably safer to:

I would love it to be able to check which modi are available. Alas, there is no standard graphics-bios command (int 10h) for that. And thus my idea to set-and-check. Strange though, that the driver for a specific video-card does not have the knowledge about which modi can, and cannot be set

Sometimes the ignorance of people creating software for <you name it> for the obvious amazes me.

- > 1. Use VESA mode query commands to determine modes and capabilities

Actually, I already thought of that, and am currently trying to see what I can do with it. Although I have Ralf Brown's Interrupt-List next to me it some of the stuff is not really clear to me. Int 10h, ax=4f01h : "Window granularity" [04h,05h] seems to be another name for "bank size". But what than does "size of bank" [1Ch] indicate ? And what does "size of window" [06h,07h] indicate ? Not the actual size of the window, as it doesn't change when I select another resolution

Oh, well, luckily Google is at hand, and I'm sure I will be able to figure it out eventually.

- > 2. Fall back to stock VGA 640x480x16 if VESA BIOS is not present

Funny : that was the very modus I started from (and wanted to leave in search for "better" resolutions).

Thanks for your response.
Rudy Wieser

Re: Simple program cwitching thru all video-modes craps-out ...

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- ◆ *From:* Jim Leonard

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