

# Re: protected mode: loading the idt

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*Source:* <http://coding.derkeiler.com/Archive/Assembler/comp.lang.asm.x86/2005-10/msg00087.html>

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- *From:* "look and see" <spamtrap@xxxxxxxxxx>
  - *Date:* Wed, 12 Oct 2005 20:58:54 +0000 (UTC)
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"The limit value is expressed in bytes and is added to the base address to get the address of the last valid byte. A limit value of 0 results in exactly 1 valid byte. Because IDT entries are always eight bytes long, the limit should always be one less than an integral multiple of eight (that is,  $8N - 1$ )."

Reference:

Intel Architecture Software Developer's Manual Volume 3: page 5-12

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- *Follow-Ups:*
  - ◆ ***Re: protected mode: loading the idt***
    - ◇ *From:* Andi Drebes
- *References:*
  - ◆ ***protected mode: loading the idt***
    - ◇ *From:* Andi Drebes
- Prev by Date: ***Re: number of days between two dates***
- Next by Date: ***Re: Disassembling a DOS COM file***
- Previous by thread: ***protected mode: loading the idt***
- Next by thread: ***Re: protected mode: loading the idt***
- Index(es):
  - ◆ ***Date***
  - ◆ ***Thread***