

Forum:[Hack Forums](#)

Thread: [DATA and BIT keyword in EMU8086](#)

0x45 - April 13, 2014, 1:09 am

What does the DATA and BIT keyword do in EMU8086 ?

eg:)

```
SECS DATA 23h  
BIT_0 BIT FLAGS.0
```

Masm4ever - April 13, 2014, 3:38 am

(Apr 13, 2014 01:09 AM)0x45 Wrote: [\[CITE\]](#) SECS DATA 23h
BIT_0 BIT FLAGS.0

Does it assemble, or does it throw an error?

My suspicion is that FLAGS is a DWORD, and that .0 refers to bit zero.

Can't help you much because I use "real" assemblers (Masm, JWasm) but in any case it would be more helpful if you posted a complete hello world example with these keywords.

0x45 - April 13, 2014, 4:27 am

(Apr 13, 2014 03:38 AM)Masm4ever Wrote: [\[CITE\]](#) Does it assemble, or does it throw an error?

My suspicion is that FLAGS is a DWORD, and that .0 refers to bit zero.

Can't help you much because I use "real" assemblers (Masm, JWasm) but in any case it would be more helpful if you posted a complete hello world example with these keywords.

It assembles. The code is for interfacing some LCD display with 8086 for alarm clock.

The full code is really long I cant post it here.

<http://pastebin.com/DjzGU1MA>

That is only about 1/4th of code. Check?

Masm4ever - April 13, 2014, 7:38 am

I've looked at your code, and things like mov eax/mov ax/mov al seem to be absent. Are you sure it's x86 code?

LevelUp - April 13, 2014, 3:44 pm

(Apr 13, 2014 04:27 AM)0x45 Wrote: [\[CITE\]](#) It assembles. The code is for interfacing some LCD display with 8086 for alarm clock.

The full code is really long I cant post it here.

<http://pastebin.com/DjzGU1MA>

That is only about 1/4th of code. Check?

This to me is looking like 8051/52 instruction set rather than 8086.

0x45 - April 14, 2014, 12:22 am

(Apr 13, 2014 03:44 PM)LevelUp Wrote: [\[CITE\]](#) This to me is looking like 8051/52 instruction set rather than 8086.

The code is for some microcontroller I dont know of. It is not of 8086, but they said they used EMU8086