

## Build Failed!:(

| Author   | Message  |
|--|--|
| <b>I_o_u333</b><br><br>Total Posts : 5<br>Reward points : 0<br>Joined: 11/29/2011<br>Location: 0 | <p> Build Failed!:( - Tuesday, November 29, 2011 3:00 PM</p> <p>Hiii:)</p> <p>It's been a month that I am trying to fix my MPLab ide but I can't seem to do it!! I installed mplab v6 earlier and it worked perfectly fine, then when I upgraded it to v8.40, I always get the same errors:</p> <hr/> <p>Release build of project `C:\Users\Lea\Desktop\Projet\Test.mcp' started.</p> <p>Language tool versions: MPASMWIN.exe v5.31, mplink.exe v4.31Tue Nov 22 12:49:07 2011</p> <hr/> <p>Clean: Deleting intermediary and output files.</p> <p>Clean: Done.</p> <p>Executing: "C:\Program Files (x86)\Microchip\MPASM Suite\MPASMWIN.exe" /q /p18F452 "test.asm" /l"test.lst" /e"test.err" /c- Message[301] C:\PROGRAM FILES (X86)\MICROCHIP\MPASM SUITE\P18F252.INC 37 : MESSAGE: (Processor-header file mismatch. Verify selected processor.) Error[118] C:\USERS\LEA\DESKTOP\PROJET\TEST.ASM 16 : Overwriting previous address contents (0000) Error[118] C:\USERS\LEA\DESKTOP\PROJET\TEST.ASM 16 : Overwriting previous address contents (0001) Message[303] C:\USERS\LEA\DESKTOP\PROJET\TEST.ASM 16 : Program word too large. Truncated to core size. (0023187C) Error[154] C:\USERS\LEA\DESKTOP\PROJET\TEST.ASM 16 : Each object file section must be contiguous (section .config_000000_TEST.O) Error[118] C:\USERS\LEA\DESKTOP\PROJET\TEST.ASM 16 : Overwriting previous address contents (0000) Error[118] C:\USERS\LEA\DESKTOP\PROJET\TEST.ASM 16 : Overwriting previous address contents (0001) Halting build on first failure as requested.</p> |

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Release build of project `C:\Users\Lea\Desktop\Projet\Test.mcp'  
failed.

Language tool versions: MPASMWIN.exe v5.31, mplink.exe  
v4.31Tue Nov 22 12:49:08 2011

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BUILD FAILED

CAN ANYONE PLEASSE HELP MEE??:( I have a windows 7, 64 bit  
laptop.

Thank you:)

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### MBedder

Total Posts : 5255

Reward points : 0

Joined: 5/30/2008

Location: Zelenograd, Russia

 **Re:Build Failed!:(** - Tuesday, November 29, 2011 3:07 PM

Are you able to read the messages you get, or are  
you just a writer but not a reader?

0

[How To Ask Questions The Smart Way](#)

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### I\_o\_u333

Total Posts : 5

Reward points : 0

Joined: 11/29/2011

Location: 0

 **Re:Build Failed!:(** - Friday, December 02, 2011 6:17 AM

MBedder

0

*Are you able to read the messages you get, or are you just a  
writer but not a reader?*

---

### I\_o\_u333

Total Posts : 5

Reward points : 0

Joined: 11/29/2011

Location: 0

 **Re:Build Failed!:(** - Friday, December 02, 2011 6:22 AM

I'm sorry but apparently im just a writer.. Can you  
please help me mr. Reader?

0

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### kevcon

 **Re:Build Failed!:(** - Friday, December 02, 2011 6:33 AM

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|                   |
|-------------------|
| Total Posts : 357 |
| Reward points : 0 |
| Joined: 9/16/2011 |
| Location: 0       |

Look at the following two lines from your build,  
see anything wrong?

0

```
Executing: "C:\Program Files (x86)\Microchip\MPASM  
Suite\MPASMWIN.exe" /q /p18F452  
"test.asm" /l"test.lst" /e"test.err" /c-  
Message[301] C:\PROGRAM FILES (X86)\MICROCHIP\MPASM  
SUITE\P18F252.INC 37 : MESSAGE: (Processor-header file  
mismatch. Verify selected processor.)
```

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## I\_o\_u333

 Re:Build Failed!:( - Friday, December 02, 2011 10:09 AM

|                    |
|--------------------|
| Total Posts : 5    |
| Reward points : 0  |
| Joined: 11/29/2011 |
| Location: 0        |

I just made a quick build to copy paste the other errors.. I keep getting the other errors even though I choose the appropriate device..

0

I'm talking about the following errors that i constantly get:

```
Error[118] C:\USERS\LEA\Desktop\PROJET\TEST.ASM 16 : Overwriting previous address contents (0000)  
Error[118] C:\USERS\LEA\Desktop\PROJET\TEST.ASM 16 : Overwriting previous address contents (0001)  
Message[303] C:\USERS\LEA\Desktop\PROJET\TEST.ASM 16 : Program word too large. Truncated to core size. (0023187C)  
Error[154] C:\USERS\LEA\Desktop\PROJET\TEST.ASM 16 : Each object file section must be contiguous  
(section .config_000000_TEST.O)  
Error[118] C:\USERS\LEA\Desktop\PROJET\TEST.ASM 16 : Overwriting previous address contents (0000)  
Error[118] C:\USERS\LEA\Desktop\PROJET\TEST.ASM 16 : Overwriting previous address contents (0001)  
Halting build on first failure as requested.
```

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## Ian.M

 Re:Build Failed!:( - Friday, December 02, 2011 10:49 AM

|                    |
|--------------------|
| Total Posts : 7774 |
|                    |

0

Reward points : 0

Joined: 7/23/2009

Location: UK

Better show us the code. There are some incompatibilities in MPASM between the older ones and the current versions. Some old ways of defining labels for variables no longer work. It is usually an easy enough fix once the problem has been located.

### I\_o\_u333

 Re:Build Failed!:( - Friday, December 02, 2011 11:00 AM

Total Posts : 5

Reward points : 0

Joined: 11/29/2011

Location: 0

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It doesn't have to do with my code I tried to assemble the simplest code ever and it refuses to build:

Include <p18F252.inc>

**org 0x00**

**loop bra loop**

**end**

**However when I compile the same code using a pic16f, I have a build succeeded!**

### Ian.M

 Re:Build Failed!:( - Friday, December 02, 2011 11:09 AM

Total Posts : 7774

Reward points : 0

Joined: 7/23/2009

Location: UK

0

I doubt that as PIC16 doesn't have a BRA

instruction! 😊

POST an EXACT cut and paste of the code and ALL the errors in the output window and I'll try to help.

### leon\_heller

 Re:Build Failed!:( - Friday, December 02, 2011 11:12 AM

Total Posts : 6388

Reward points : 0

Joined: 8/17/2004

Location: St. Leonards-on-Sea, E.  
Sussex, UK.

0

That code builds OK for me. You should really use  
#include, but it doesn't matter.

Leon Heller

G1HSM

**MBedder**

Total Posts : 5255

Reward points : 0

Joined: 5/30/2008

Location: Zelenograd, Russia

 **Re:Build Failed!:(** - Friday, December 02, 2011 11:12 AM

Since the OP is a write-only user, he haven't tried reading the MPASM Help and figuring out the differences between the absolute and relocatable code.

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[How To Ask Questions The Smart Way](#)

**leon\_heller**

Total Posts : 6388

Reward points : 0

Joined: 8/17/2004

Location: St. Leonards-on-Sea, E. Sussex, UK.

 **Re:Build Failed!:(** - Friday, December 02, 2011 11:21 AM

It also builds OK with the relocatable setting!

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Leon Heller

G1HSM

**kevcon**

Total Posts : 357

Reward points : 0

Joined: 9/16/2011

Location: 0

 **Re:Build Failed!:(** - Friday, December 02, 2011 11:23 AM

Try upgrading to the latest version of MPLAB

0

I just built the program you posted with no problems.

```
#include <P18F252.inc>
```

```
org 0x0000
```

```
loop bra loop
```

```
end
```

---

Release build of project `C:\Microchip tests\asm test 1\test.mcp' started.

Language tool versions: MPASMWIN.exe v5.43, mplink.exe v4.41,

mplib.exe v4.41  
Fri Dec 02 13:18:19 2011

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Clean: Deleting intermediary and output files.  
Clean: Deleted file "C:\Microchip tests\asm test 1\test.o".  
Clean: Deleted file "C:\Microchip tests\asm test 1\test.err".  
Clean: Deleted file "C:\Microchip tests\asm test 1\test.hex".  
Clean: Deleted file "C:\Microchip tests\asm test 1\test.lst".  
Clean: Deleted file "C:\Microchip tests\asm test 1\test.cof".  
Clean: Done.  
Executing: "C:\Program Files\Microchip\MPASM  
Suite\MPASMWIN.exe" /q /p18F252  
"test.asm" /l"test.lst" /e"test.err"  
Executing: "C:\Program Files\Microchip\MPASM  
Suite\mplink.exe" /p18F252  
"test.o" /z\_\_MPLAB\_BUILD=1 /o"test.cof" /M"test.map" /W /x  
MPLINK 4.41, Linker  
Device Database Version 1.5  
Copyright (c) 1998-2011 Microchip Technology Inc.  
Errors : 0  
Loaded C:\Microchip tests\asm test 1\test.cof.

---

Release build of project `C:\Microchip tests\asm test 1\test.mcp'  
succeeded.  
Language tool versions: MPASMWIN.exe v5.43, mplink.exe v4.41,  
mplib.exe v4.41  
Fri Dec 02 13:18:20 2011

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BUILD SUCCEEDED

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**aussiegeorge**

Total Posts : 2

Reward points : 0

Joined: 3/30/2009

Location: 0

 **Re:Build Failed!:(** - Saturday, December 03, 2011 6:46 PM

HI guys. I fell into the error 118 also. Until I read the replies I had no idea about cblock. Is there a book or tutorial I can read to smarten up? Thanks in advance.

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**CDesjardins**

Total Posts : 14

Reward points : 0

Joined: 8/12/2008

Location: 0

**Re:Build Failed!:(** - Thursday, February 16, 2012 1:28 PM

I am having the same issue with MPASM 5.43. I receive Error 154 on the line of my code that contains the end directive.

I can take the same project and compile it on my computer with 32 bit Windows XP but when I try to compile on my laptop with Windows 7 64 bit I get the Error 154 and message 303 for the line containing my end directive.

I have been trying to fix this all day. I updated to MPLAB 8.83 from MPLAB 8.63 hoping that would fix the issue but no good. Any other suggestions on how to fix this problem.

Thanks

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**xzz**

Total Posts : 1

Reward points : 0

Joined: 7/21/2013

Location: 0

**Re:Build Failed!:(** - Sunday, July 21, 2013 2:38 AM

For Fix Error 154,333 problem on WIN7 x64 you need ; select MPASMWIN.exe in installed folder and make it compatible mode Windows 7 or XP Service Pack 3 ,mine worked on windows 7 compatible.

