

## Forum:[Hack Forums](#)

Thread: [Syntax error: '{' missing before \\_\\_fastcall.](#)

**oh9od** - September 16, 2020, 1:14 am

While working on a project, I encountered this error (Syntax error: '{' missing before \_\_fastcall.) on the following line of code:

```
Code #ifndef _MODULES_H_
#define _MODULES_H_
```

```
#include "definizioni.h"
#include "utils.h"
```

```
PPEB __fastcall ModGetPEB(); // <- the faulty line of code
long long __fastcall ModGetBase(wchar_t mName);
wchar_t __fastcall ModGetPath(wchar_t mName);
long long __fastcall ModGetFunc(long long ModBase, BYTE FuncName);
```

```
#endif // !_MODULES_H_
```

The first thing I tried to do was checking if there was a missing ';' in utils.h or some sort of syntax error that caused the problem, no luck: everything seems ok.

Then I checked if there were syntax errors somewhere else in the code when ModGetPEB() gets called: again none.

Unless someone has a better idea, I might go line per line in the code to find the syntax error, I don't want to because the program is pretty big and this is like finding a needle in a soccer pitch.

**saltycracker** - September 16, 2020, 5:41 am

Well I'd need to know what PPEB is and how its defined.

**oh9od** - September 16, 2020, 5:49 am

(Sep 16, 2020 05:41 AM)saltycracker Wrote: [\[CITE\]](#) Well I'd need to know what PPEB is and how its defined.

```
Code typedef struct _PEB
{
    BYTE InheritedAddrSpace;
    BYTE ReadImgFileExecOptions;
    BYTE Debugged;
    BYTE SpareBool;
    long long Mutant;
    long long ImgBaseAddress;
    PPEB_LDR_DATA LDR;
} PEB, *PPEB;
this is inside utils.h
```

**saltycracker** - September 16, 2020, 5:59 am

I know the GCC's C compiler had the option to produce a file with all the header files expanded in place..

Maybe you could explore that option with your compiler. Note: I can't remember the flag for that option.

<https://stackoverflow.com/questions/4900870/can-gcc-output-c-code-after-preprocessing>

**oh9od** - September 16, 2020, 11:56 am

(Sep 16, 2020 05:59 AM)saltcracker Wrote: [\[CITE\]](#) I know the GCC's C compiler had the option to produce a file with all the header files expanded in place..

Maybe you could explore that option with your compiler. Note: I can't remember the flag for that option.

<https://stackoverflow.com/questions/4900870/can-gcc-output-c-code-after-preprocessing>

Sure I will try, many thanks! ^^

**omboml** - September 16, 2020, 4:24 pm

Gcc uses `__attribute__((fastcall))` to define fastcall calling convention.

Try `#define __attribute__((fastcall)) __fastcall`