
Subject: Re: ctrl.lib.icpp there was errors

Posted by [koldo](#) on Sun, 05 Jan 2014 15:04:43 GMT

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Hello Masu

I was worried about this and finally got the source of the problem. See this link:

"Both mingw and gcc have a float.h. The mingw version supplements the gcc version, declaring `_clear87` and `_control87` among other things. The mingw version has an `#include_next` which is meant to include the gcc version. This works only when the mingw include dir is first in the header search path, which may not be correct. When the header search list is ordered with the mingw include directory after the gcc's, a common symptom is that `_clear87` and `_control87` are undeclared."

So there are two solutions:

- To move the `#include_next <float.h>` from the mingw version into the gcc version of float.h

- To include this code in parse.cpp or directly in Core.h (see the added extern "C"):

```
#if defined(COMPILER_MINGW)
extern "C" {
    _CRTIMP unsigned int __cdecl __MINGW_NOTHROW _clearfp(void);
}
#define SW_OVERFLOW 0x00000004
#endif
```

Please check it and give your opinion. In my case it works with latest MinGW TDM 32 and 64 bits.
