

## Ticket #10158 (closed Bugs: fixed)

### Boost.Log: Linker error with MSVC14

Opened **14 months** agoLast modified **6 months** ago

Reported by: marci\_r@...

Owned by: **andysem**Milestone: **To Be Determined**Component: **log**Version: **Boost Development Trunk**Severity: **Problem**

Keywords:

Cc: marci\_r@...

#### Description

MSVC14 has a completely refactored CRT: <http://blogs.msdn.com/b/vcblog/archive/2014/06/10/the-great-crt-refactoring.aspx>

Trying to compile Boost.Log with it gives a linker error because there is no function `_getptd` (referenced in `src\unhandled_exception_count.cpp`).

The function is now called `__vcrt_getptd`. It returns a pointer to a new struct `__vcrt_ptd`. The part before `_NLG_dwCode` from the old struct `_tiddata` is missing, apart from that it looks the same.

See `VC\crt\src\vcruntime\vcruntime_internal.h` in the MSVC14 directory.

#### Attachments

#### Change History

Changed 14 months ago by andysem

comment:1

Fixed in <https://github.com/boostorg/log/commit/d90b4571102479495cd474c9e373cd0451af245e>.

Changed 14 months ago by andysem

comment:2

- **Status** changed from *new* to *closed*
- **Resolution** set to *fixed*

Changed 14 months ago by marci\_r@...

comment:3

Wow, that was fast! Thank you very much!

Changed 6 months ago by gareths@...

comment:4

- **Status** changed from *closed* to *reopened*
- **Resolution** *fixed* deleted

As of Visual Studio 2015 CTP 6, the `__vcrt_getptd` symbol isn't exported, but Microsoft have introduced `__processing_throw` as a direct accessor for the required value, which we can hope will be maintained going forward.

Changed 6 months ago by andysem

comment:5

- **Status** changed from *reopened* to *closed*
- **Resolution** set to *wontfix*

For whatever reason the latest MSVC CTP does not install half of the headers on my system

and as a result is completely unusable. This looks worse than an alpha release to me. I'll probably not support CTPs and wait until the final release is out. If it's still not working then, I'll deal with it as the compiler gets officially supported by Boost.

Changed 6 months ago by andysem

comment:6

- **Status** changed from *closed* to *reopened*
- **Resolution** *wontfix* deleted

Changed 6 months ago by andysem

comment:7

- **Status** changed from *reopened* to *closed*
- **Resolution** set to *fixed*

I tried to install MSVC on a clean system and it worked. Here is the fix: <https://github.com/boostorg/log/commit/4751a165366dd9d1cf55252c290eaacf39a59552>.