

Are C++ exceptions supported on MIPS platform?

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<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.embedded.vc/2005-11/msg00188.htm>

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I'm using Visual Studio 2005 to build a DLL that will run under Windows CE 5.0 on a MIPS platform. (This DLL already works fine on Windows XP and Windows CE 5.0 on the CEPC platform.) When I try to build for MIPS, I get many linker errors like the following:

```
error LNK2001: unresolved external symbol "const type_info::`vftable'"  
(??._7type_info@@@6B@)
```

After searching the newsgroups a bit, I found out that this error can result if the compiler for the platform does not support RTTI, and therefore doesn't support C++ exceptions. My code uses exceptions as well as the C++ Standard Library.

I'd like to confirm that it is indeed the case that exceptions are not supported when compiling for MIPS. True?

I saw that there was a library released for PocketPC that allows you to use RTTI. But this is for (I presume) the ARM architecture. Is there something equivalent for MIPS?

I'm hoping exceptions are not verboten. If they are I'll need to rewrite parts of the code that uses them. That is not too bad, but I also use the C++ standard library all over, so this is a worse issue. I found a preprocessor define called `_HAS_EXCEPTIONS` which I expected to cause the C++ library to not use exceptions when defined to 0. But I still seem to get the same errors.

Are C++ exceptions supported on MIPS platform?

Anyone know about C++ exceptions on MIPS?

Thanks

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