
Subject: vzctl-4.9.4 glibc problem
Posted by [yettyn](#) on Sat, 07 Oct 2017 19:57:02 GMT
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I hope some can assist with this and fast as I need to have this solved by Monday as I'm moving an openvz-042stab125.3 installation to new HW and need to recompile vzctl, which now isn't possible due to changes in later glibc..

The problem: starting with glibc-2.23 the declaration
`include <sys/sysmacros.h>`
was removed from `types.h`, leading to compile errors in packages like vzctl assuming certain function declarations like `mkdev`, `major`, `minor` etc. are included by the glibc library.

The solution: the line
`#include <sys/sysmacros.h>`

now needs to be included in the package own code, and assume this will happen once vzctl-4.9.5 is released, but until then, where is the proper place to add it in 4.9.4, in `/include/types.h`? or maybe `/src/lib/config.c` as that's where the compile error seems to happens?

EDIT:

This is what was removed in glibc-2.23
Subject: [PATCH] `sys/types.h`: drop `sys/sysmacros.h` include

We want to break apart this include path due to namespace pollution.
<https://sourceware.org/ml/libc-alpha/2015-11/msg00253.html>

```
posix/sys/types.h | 3 ---
1 file changed, 3 deletions(-)
```

```
diff --git a/posix/sys/types.h b/posix/sys/types.h
index a728567..b3007db 100644
--- a/posix/sys/types.h
+++ b/posix/sys/types.h
@@ -217,9 +217,6 @@ typedef int register_t __attribute__((__mode__(__word__)));

/* It also defines `fd_set' and the FD_* macros for `select'. */
#include <sys/select.h>
-
-/* BSD defines these symbols, so we follow. */
-#include <sys/sysmacros.h>
#endif /* Use misc. */
```