LKML.ORG

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Patch in this message

• *Get diff 1*

From	Greg Kroah-Hartman <>
Subject	[PATCH 4.4 57/91] scripts/dtc: Remove redundant YYLOC global declaration 👾
Date	Wed, 1 Apr 2020 18:17:53 +0200

```
From: Dirk Mueller <dmueller@suse.com>

commit e33a814e772cdc36436c8c188d8c42d019fda639 upstream.

gcc 10 will default to -fno-common, which causes this error at link
time:

  (.text+0x0): multiple definition of `yylloc'; dtc-lexer.lex.o (symbol from plugin):(.text+0x0): first defined here

This is because both dtc-lexer as well as dtc-parser define the same
global symbol yyloc. Before with -fcommon those were merged into one
defintion. The proper solution would be to to mark this as "extern",
however that leads to:

  dtc-lexer.l:26:16: error: redundant redeclaration of 'yylloc' [-Werror=redundant-decls]
    26 | extern YYLTYPE yylloc;
       |                ^~~~~
In file included from dtc-lexer.l:24:
dtc-parser.tab.h:127:16: note: previous declaration of 'yylloc' was here
   127 | extern YYLTYPE yylloc;
       |                ^~~~~
cc1: all warnings being treated as errors

which means the declaration is completely redundant and can just be
dropped.

Signed-off-by: Dirk Mueller <dmueller@suse.com>
Signed-off-by: David Gibson <david@gibson.dropbear.id.au>
[robh: cherry-pick from upstream]
Cc: stable@vger.kernel.org
Signed-off-by: Rob Herring <robh@kernel.org>
Signed-off-by: Greg Kroah-Hartman <gregkh@linuxfoundation.org>

---
 scripts/dtc/dtc-lexer.l |    1 -
 1 file changed, 1 deletion(-)

--- a/scripts/dtc/dtc-lexer.l
+++ b/scripts/dtc/dtc-lexer.l
@@ -38,7 +38,6 @@ LINECOMMENT    "//".*\n
 #include "srcpos.h"
 #include "dtc-parser.tab.h"

-YYLTYPE yylloc;
 extern bool treesource_error;

 /* CAUTION: this will stop working if we ever use yyless() or yyunput() */
```

👾