

NewGRF Meta Language - Bug #7637

NML 4.1 fails to compile

2015-04-26 13:40 - Matt

Status:	Rejected	Start date:	2015-04-26
Priority:	Urgent	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	0.4.1		

Description

Tried to update the packages for openSUSE games, but failed.

```
gcc -pthread -Wno-unused-result -Werror=declaration-after-statement -DNDEBUG -fmessage-length=0 -grecord-gcc-switches
-O2 -Wall -D_FORTIFY_SOURCE=2 -fstack-protector -funwind-tables -fasynchronous-unwind-tables -g
-DOPENSSL_LOAD_CONF -fPIC -I/usr/include/python3.4m -c nml/_lz77.c -o build/temp.linux-x86_64-3.4/nml/_lz77.o
nml/_lz77.c: In function 'encode':
nml/_lz77.c:105:9: error: ISO C90 forbids mixed declarations and code [-Werror=declaration-after-statement]
    int max_look = input_size - position + 1;
    ^
nml/_lz77.c:108:9: error: ISO C90 forbids mixed declarations and code [-Werror=declaration-after-statement]
    int overlap_pos = 0;
    ^
nml/_lz77.c:128:13: error: ISO C90 forbids mixed declarations and code [-Werror=declaration-after-statement]
    int val = 0x80 | (16 - overlap_len) << 3 | overlap_pos >> 8;
    ^
cc1: some warnings being treated as errors
error: command 'gcc' failed with exit status 1
Makefile:14: recipe for target 'extensions' failed
make: *** [extensions] Error 1
```

<https://build.opensuse.org/package/show/home:Mailaender:branches:games/nml>

History

#1 - 2015-04-26 18:08 - frosch

This seems to be an issue with your python 3.4. See here:

<https://bugs.python.org/issue21121>

Apparently it was fixed in python 3.4.1 or 3.4.2.

#2 - 2015-04-26 18:18 - frosch

Indeed, it is listed as fixed in python 3.4.2rc1: <https://docs.python.org/3.4/whatsnew/changelog.html#python-3-4-2rc1>

The Suse build server uses 3.4.1: python3-base-3.4.1-4.2.1

If you cannot get an upgrade to 3.4.2, you have to add

```
extra_compile_args=["-Wno-error=declaration-after-statement"]
```

as parameter to Extension() in setup.py:45

#3 - 2015-05-01 16:10 - frosch

- *Status changed from New to Rejected*

The accelerator module requires C99, so it won't work with python 3.4.0 and 3.4.1.
It works with earlier and later versions though.