

Packages - Packaging Request #2135

[blender] error while loading shared libraries: libopenvdb.so.5.2

2019-01-11 11:40 AM - Rigo-V

Status:	fixed	% Done:	0%
Priority:	broken		
Assignee:	bill-auger		
Category:			
Description			
If I run blender with the current version of openvdb found in parabola repos, it fails with this error message:			
<pre>blender: error while loading shared libraries: libopenvdb.so.5.2: cannot open shared object file: No such file or directory</pre>			
If I create a symlink called libopenvdb.so.5.2 that points to libopenvdb.so.6.0.0, I get the following error:			
<pre>blender: symbol lookup error: blender: undefined symbol: _ZN7openvdb8v5_2abi32io4FileD1Ev</pre>			

History

#1 - 2019-01-11 06:13 PM - bill-auger

- Priority changed from bug to broken

- Subject changed from [blender] Doesn't work with libvdb 6.0.0 to [blender] error while loading shared libraries: libopenvdb.so.5.2

- Tracker changed from Bug to Packaging Request

Rigo-V -

it looks like the blender package needs to be rebuilt - if you need to use it today, you can make it work by downgrading openvdb to v5.2.0 from the archive

<https://archive.archlinux.org/packages/o/openvdb/>

#2 - 2019-01-30 09:50 PM - bill-auger

the previous work-around is not going to work anymore as 'boost' has been upgraded now

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blender: error while loading shared libraries: libboost_locale.so.1.68.0: cannot open shared object file: No such file or directory
```

#3 - 2019-02-01 02:12 AM - bill-auger

- Assignee set to bill-auger

rebuilt successfully for x86_64

rebuilt successfully for i686

#4 - 2019-02-02 01:26 AM - bill-auger

FTBS for arm

```
....
| Scanning dependencies of target cycles_device
| [ 16%] Building CXX object intern/cycles/device/CMakeFiles/cycles_device.dir/device.cpp.o
| [ 16%] Building CXX object intern/cycles/device/CMakeFiles/cycles_device.dir/device_cpu.cpp.o
| /build/blender/src/blender-2.79.b.git4.2c0c1f49/intern/cycles/device/device_cpu.cpp: In member function 'void ccl::CPUDevice::path_trace(ccl::DeviceTask&, ccl::RenderTile&, ccl::KernelGlobals*)':
| /build/blender/src/blender-2.79.b.git4.2c0c1f49/intern/cycles/device/device_cpu.cpp:722:27: error: '_MM_FLUSH_ZERO_ON' was not declared in this scope
|     _MM_SET_FLUSH_ZERO_MODE(_MM_FLUSH_ZERO_ON);
|                               ^~~~~~
| /build/blender/src/blender-2.79.b.git4.2c0c1f49/intern/cycles/device/device_cpu.cpp:722:3: error: '_MM_SET_FLUSH_ZERO_MODE' was not declared in this scope
|     _MM_SET_FLUSH_ZERO_MODE(_MM_FLUSH_ZERO_ON);
```

```
| ^~~~~~
| /build/blender/src/blender-2.79.b.git4.2c0c1f49/intern/cycles/device/device_cpu.cpp:723:31: error: '_MM_DENORMALS_ZERO_ON' was not declared in this scope
|   _MM_SET_DENORMALS_ZERO_MODE(_MM_DENORMALS_ZERO_ON);
|   ^~~~~~
| /build/blender/src/blender-2.79.b.git4.2c0c1f49/intern/cycles/device/device_cpu.cpp:723:3: error: '_MM_SET_DENORMALS_ZERO_MODE' was not declared in this scope
|   _MM_SET_DENORMALS_ZERO_MODE(_MM_DENORMALS_ZERO_ON);
|   ^~~~~~
| /build/blender/src/blender-2.79.b.git4.2c0c1f49/intern/cycles/device/device_cpu.cpp: In function 'ccl::Device* ccl::device_cpu_create(ccl::DeviceInfo&, ccl::Stats&, ccl::Profiler&, bool)':
| /build/blender/src/blender-2.79.b.git4.2c0c1f49/intern/cycles/device/device_cpu.cpp:1070:56: warning: 'new' of type 'ccl::CPUDevice' with extended alignment 16 [-Waligned-new=]
|   return new CPUDevice(info, stats, profiler, background);
|   ^
| /build/blender/src/blender-2.79.b.git4.2c0c1f49/intern/cycles/device/device_cpu.cpp:1070:56: note: uses 'void* operator new(std::size_t)', which does not have an alignment parameter
| /build/blender/src/blender-2.79.b.git4.2c0c1f49/intern/cycles/device/device_cpu.cpp:1070:56: note: use '-faligned-new' to enable C++17 over-aligned new support
| make[2]: *** [intern/cycles/device/CMakeFiles/cycles_device.dir/build.make:76: intern/cycles/device/CMakeFiles/cycles_device.dir/device_cpu.cpp.o] Error 1
| make[1]: *** [CMakeFiles/Makefile2:1407: intern/cycles/device/CMakeFiles/cycles_device.dir/all] Error 2
| make: *** [Makefile:163: all] Error 2
| ==> ERROR: A failure occurred in build().
|   Aborting...
==> Copying log and package files out of the chroot...
```

#5 - 2019-02-02 02:27 AM - bill-auger

_MM_SET_FLUSH_ZERO_MODE / _MM_FLUSH_ZERO_ON and
_MM_SET_DENORMALS_ZERO_MODE / _MM_DENORMALS_ZERO_ON
are specific to x86 SSE2 - i have seen it suggested to wrap these with '#ifdef SSE2'

#6 - 2019-02-03 09:35 AM - bill-auger

- Status changed from open to fixed

solved - i just patched out those 2 macros during the arm builds