
Subject: : AmigaOS4

Topic: : SDL2

Re: SDL2

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URL:

@Capehill

Thanks that also worked.. However I still get some `_Z` errors.

I think I am doing correct linking, maybe the original code is broken ?

```
$ ppc-amigaos-gcc -athread=native *.cc -o Rocketz -IGL -IGLUT -IGLU -ISDL2_image -ISDL2_net -ISDL2_ttf -  
lfreetype -ltiff -lwebp -lpng -ljpeg -lz -lm -ISDL2_mixer -lmikmod -lmodplug -IFLAC -lvorbisfile -lvorbis -logg -  
ISDL2 -lsmpeg2 -lpthread -lz -lstdc++
```

```
/tmp/ccNLpETN.o:(.sbss+0x0): multiple definition of `window'
```

```
/tmp/cc1bLF33.o:(.sbss+0x0): first defined here
```

```
/tmp/ccbbxwE0.o: In function `_Z12compress_pngPPhiiS_i':
```

```
test_png.cc:(.text+0xe8): multiple definition of `_Z12compress_pngPPhiiS_i'
```

```
/tmp/cceaAsxd.o:main.cc:(.text+0xebc): first defined here
```

```
/tmp/ccbbxwE0.o: In function `main':
```

```
test_png.cc:(.text+0x464): multiple definition of `main'
```

```
/tmp/cceaAsxd.o:main.cc:(.text+0x1d30): first defined here
```

```
/tmp/ccSyrZ4e.o: In function `_Z18jpeg_writer_threadi':
```

```
threads.cc:(.text+0x0): multiple definition of `_Z18jpeg_writer_threadi'
```

```
/tmp/cceaAsxd.o:main.cc:(.text+0x124c): first defined here
```

```
/tmp/ccSyrZ4e.o: In function `main':
```

```
threads.cc:(.text+0xa4): multiple definition of `main'
```

```
/tmp/cceaAsxd.o:main.cc:(.text+0x1d30): first defined here
```

```
/tmp/cc8rD4sB.o: In function `_ZN9Billboard4drawEv':
```

```
billboard.cc:(.text+0x59c): undefined reference to `_Z19sgVectorProductVec3PfPKfS1_'
```

```
/tmp/ccXjnL6r.o: In function `_ZN6Camera15setup_modelviewEv':
```

```
camera.cc:(.text+0x88): undefined reference to `_Z13sgMakeRotMat4PA4_ffPKf'
```

```
camera.cc:(.text+0xdc): undefined reference to `_Z13sgMakeRotMat4PA4_ffPKf'
```

```
camera.cc:(.text+0xf4): undefined reference to `_Z14sgPostMultMat4PA4_fPA4_Kf'
```

```
camera.cc:(.text+0x110): undefined reference to `_Z21sgTransposeNegateMat4PA4_fPA4_Kf'
```

```
camera.cc:(.text+0x14c): undefined reference to `_Z15sgMakeTransMat4PA4_ffff'
```

```
camera.cc:(.text+0x16c): undefined reference to `_Z10sgMultMat4PA4_fPA4_KfS3_'
```

```
/tmp/cc2aNItA.o: In function `_ZN5PlaneC2EPfS0_S0_':
```

```
frustum.cc:(.text._ZN5PlaneC2EPfS0_S0_[_ZN5PlaneC5EPfS0_S0_]+0x64): undefined reference to `_Z19sgVectorProductVec3PfPKfS1_'
```

```
/tmp/ccKdXJ7P.o: In function `_ZN6Object6rotateEfPf':
```

object.cc:(.text+0x7ec): undefined reference to `__Z13sgMakeRotMat4PA4_ffPKf'
object.cc:(.text+0x804): undefined reference to `__Z14sgPostMultMat4PA4_fPA4_Kf'
/tmp/ccKdXJ7P.o: In function `__ZN6Object4drawEv':
object.cc:(.text+0x1214): undefined reference to `__Z15sgMakeTransMat4PA4_fPKf'
object.cc:(.text+0x122c): undefined reference to `__Z13sgPreMultMat4PA4_fPA4_Kf'
/tmp/ccKdXJ7P.o: In function `__ZN6Object9draw_shotEv':
object.cc:(.text+0x16f0): undefined reference to `__Z15sgMakeTransMat4PA4_fPKf'
object.cc:(.text+0x1708): undefined reference to `__Z13sgPreMultMat4PA4_fPA4_Kf'
/tmp/ccKdXJ7P.o: In function `__ZN12DynamicLight17light_environmentEv':
object.cc:(.text+0x2088): undefined reference to `__Z19sgVectorProductVec3PfPKfS1_'
/tmp/ccNLpETN.o: In function `__ZN6Rocket4drawEv':
rocket.cc:(.text+0x1450): undefined reference to `__Z14sgQuatToMatrixPA4_fPKf'
rocket.cc:(.text+0x1464): undefined reference to `__Z13sgPreMultMat4PA4_fPA4_Kf'
rocket.cc:(.text+0x14b8): undefined reference to `__Z13sgMakeRotMat4PA4_ffPKf'
/tmp/ccNLpETN.o: In function `__ZN6Rocket12setup_orientEii':
rocket.cc:(.text+0x1f10): undefined reference to `__Z14sgQuatToMatrixPA4_fPKf'
rocket.cc:(.text+0x1f98): undefined reference to `__Z14sgQuatToMatrixPA4_fPKf'
/tmp/ccNLpETN.o: In function `__ZN6Rocket6updateEfP6Camera':
rocket.cc:(.text+0x25f8): undefined reference to `__Z14sgQuatToMatrixPA4_fPKf'
rocket.cc:(.text+0x2610): undefined reference to `__Z14sgPostMultMat4PA4_fPA4_Kf'
/tmp/ccNLpETN.o: In function `__ZN6Rocket12setup_cameraEv':
rocket.cc:(.text+0x30cc): undefined reference to `__Z19sgVectorProductVec3PfPKfS1_'
rocket.cc:(.text+0x31cc): undefined reference to `__Z21sgTransposeNegateMat4PA4_fPA4_Kf'
rocket.cc:(.text+0x31fc): undefined reference to `__Z11sgXformVec3PfPKfPA4_S0_'
/tmp/ccNLpETN.o: In function `__ZN6Rocket14update_cubemapEv':
rocket.cc:(.text+0x3418): undefined reference to `__Z15sgMakeTransMat4PA4_ffff'
rocket.cc:(.text+0x3474): undefined reference to `__Z13sgMakeRotMat4PA4_ffPKf'
rocket.cc:(.text+0x3494): undefined reference to `__Z14sgPostMultMat4PA4_fPA4_Kf'
rocket.cc:(.text+0x3504): undefined reference to `__Z13sgMakeRotMat4PA4_ffPKf'
rocket.cc:(.text+0x3518): undefined reference to `__Z14sgPostMultMat4PA4_fPA4_Kf'
rocket.cc:(.text+0x352c): undefined reference to `__Z14sgPostMultMat4PA4_fPA4_Kf'
rocket.cc:(.text+0x359c): undefined reference to `__Z13sgMakeRotMat4PA4_ffPKf'
rocket.cc:(.text+0x35b0): undefined reference to `__Z14sgPostMultMat4PA4_fPA4_Kf'
/tmp/ccNLpETN.o: In function `__ZN6Rocket8draw_envEv':
rocket.cc:(.text+0x37c0): undefined reference to `__Z15sgMakeTransMat4PA4_fPKf'
rocket.cc:(.text+0x37d8): undefined reference to `__Z13sgPreMultMat4PA4_fPA4_Kf'
/tmp/ccNLpETN.o: In function `__Z11sgXformVec3PfPA4_Kf':
rocket.cc:(.text.__Z11sgXformVec3PfPA4_Kf[_Z11sgXformVec3PfPA4_Kf]+0x28): undefined reference to `__Z11sgXformVec3PfPKfPA4_S0_'
/tmp/ccNLpETN.o: In function `__Z14sgPostMultQuatPfPKf':
rocket.cc:(.text.__Z14sgPostMultQuatPfPKf[_Z14sgPostMultQuatPfPKf]+0x3c): undefined reference to `__Z10sgMultQuatPfPKfS1_'
/tmp/ccNLpETN.o: In function `__Z13sgPostRotQuatPffPKf':
rocket.cc:(.text.__Z13sgPostRotQuatPffPKf[_Z13sgPostRotQuatPffPKf]+0x30): undefined reference to `__Z17sgAngleAxisToQuatPffPKf'
/tmp/ccusyGJn.o: In function `__ZN5World4drawEv':
world.cc:(.text+0x920): undefined reference to `__Z10sgMultMat4PA4_fPA4_KfS3_'
/tmp/ccusyGJn.o: In function `__ZN5World10draw_roomsEP4RoomPf':
world.cc:(.text+0xe38): undefined reference to `__Z10sgMultMat4PA4_fPA4_KfS3_'
collect2: error: ld returned 1 exit status