



Floating Point Code

As mentioned, the floating point package is a hack of newlib distributed with Linux. Code wasn't modified, but header files were collected from many Linux directories and mashed into four header files. C files were only modified to include the header files from the library directory.

Header files include:

- fdlibm.h
- float.h
- types.h
- zmath.h

Enough single precision code files we collected and compiled to be able to use basic floating point operations including powf to raise a value to a non-integer exponent.

Float C files include:

- s_mathcnst.c
- sf_fabs.c
- sf_frexp.c
- sf_ldexp.c
- sf_logarithm.c
- sf_numtest.c
- sf_exp.c
- sf_fmod.c
- sf_ispos.c
- sf_log.c
- sf_modf.c
- sf_pow.c