

BGLLibraries

Mass

The BGL MASS libraries provide optimized scalar and vector intrinsic functions

Link line:

```
-lmass -lmassv -Wl,-allow-multiple-definition
```

NetCDF

current version installed is 3.6.1

- -I/contrib/bgl/netcdf/include
- -L/contrib/bgl/netcdf/lib -lnetcdf

Parallel-NetCDF

- installed in /contrib/bgl/pnetcdf

BLAS/LAPACK

- /contrib/bgl/lib/libgoto.a (GotoBLAS)
- /contrib/bgl/lib/libblas440.a (reference implementation)
- /contrib/bgl/lib/liblapack440.a (reference implementation) (**Note:**order blas after lapack on link line)
- /contrib/bgl/lib/(libessln.a,libscal.a,libcpuid.a) (experimental, incomplete ESSL)
 - link in this order: libessln.a libscal.a libcpuid.a

FFTW

Both single (float) and double precision flavors are available under /contrib/bgl

- /contrib/bgl/fftw-3.1.2-double
- /contrib/bgl/fftw-3.1.2-float