

Dear R-list,

I want to use shared library of gsl in R(2.15.1) on unix .I have a makefile such as

```
CC = gcc
CFLAGS = -fPIC -O2
PKG_LIBS -lgsl -lgslcblas -lm -lpthread

OBJS_SPB = calc_spb.o k.o dk.o ddk.o

calc_spb.so : $(OBJS_SPB)

        $(CC) -shared -o calc_spb.so $(LIBS) $(OBJS_SPB)

clean :
        rm -f ../*.o *.o

clean.so:
        rm -f *.so
```

I use R CMD SHLIB calc\_spb.c in terminal window of unix and in my directory was built calc\_spb.o and calc\_spb.so.

And I use dyn.load in R the error is

```
Dyn.load("calc_spb.so")
```

```
Error in dyn.load("calc_spb.so"):
```

```
Unable to load shared object `'/home/mir/cal/calc_spb.so':
```

```
/home/mir/cal/calc_spb.so: undefined symbol :gsl_finite
```

Thanks to all who tried to help me in solving my problem.