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#  Time-stamp: <Makefile (1997/09/10, 22:54:51) by alair at ime.usp.br)>

# Makefile para exemplos do manual do bison
# e para alguns outros
# veja manual do GNU make.  info make

MV=mv #move
RM=rm #del

ALL = rpcalc calc mfcalc mycalc mycalch testlex
YC = rpcalc.c calc.c mfcalc.c mycalc.c
YH = rpcalc.h calc.h mfcalc.h mycalc.h
YO = rpcalc.output calc.output mfcalc.output mycalc.output

YACC = bison
LEX = flex
LOADLIBES=-lm -lfl
CFLAGS = -g #-Wall
LFLAGS = -s #-Cfe
CC = gcc


# implicit declarations
%.o: %.c
	$(CC) -c $(CFLAGS) $(CPPFLAGS) -o $@ $<

%.c %.h %.output: %.y
	$(YACC) -d -v $(YFLAGS) $<
	$(MV) $*.tab.c $*.c
	$(MV) $*.tab.h $*.h

%.c: %.l
	$(LEX) $(LFLAGS) -o$@ $<



# main rules
all: $(ALL)

mycalc: mycalc.o mysymrec.o myyylex.o
	$(CC) $^ $(LOADLIBES) -o $@
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mycalch: mycalc.o mysymrechash.o myyylex.o
	$(CC) $^ $(LOADLIBES) -o $@

testlex.h: mycalc.h bison2testlex
	./bison2testlex mycalc.h > $@

testlex.o: testlex.h

testlex: testlex.o myyylex.o mysymrec.o

# cleaning rules
clean:
	-$(RM) *.o *.bak *~ $(YO) $(YC) myyylex.c

mostclean: clean
	-$(RM) $(YH) testlex.h

realclean: mostclean
	-$(RM) $(ALL) 2>/dev/null
```