[**一个通用的Makefile**](http://blog.csdn.net/fytzzh/article/details/694510)

分类： [Linux/UNIX编程](http://blog.csdn.net/fytzzh/article/category/189639)2006-04-28 09:18740人阅读[评论](http://blog.csdn.net/fytzzh/article/details/694510#comments)(0)[收藏](javascript:void(0);)[举报](http://blog.csdn.net/fytzzh/article/details/694510#report)

[makefile](http://www.csdn.net/tag/makefile)[wildcard](http://www.csdn.net/tag/wildcard)[gcc](http://www.csdn.net/tag/gcc)

BIN = prog   
BIN\_DEBUG= prog\_debug  
LIBS:=pthread rt  
CFLAGS=-g -Wall -O3 -m486  
CXXFLAGS:=$(CFLAGS)

SOURCE:=$(wildcard \*.c) $(wildcard \*.cc)  
OBJS:=$(patsubst %.c, %.o, $(patsubst %.cc, %.o, $(SOURCE)))   
DEPS:=$(patsubst %.o, %.d, $(OBJS))  
MISSING\_DEPS:=$(filter-out $(wildcard $(DEPS)), $(DEPS))  
MISSING\_DEPS\_SOURCES:=$(wildcard $(patsubst %.c, %.c, $(MISSING\_DEPS)) /  
$(patsubst %.d, %.cc, $(MISSING\_DEPS)))

#CPPFLAGS += -MD  
CPPFLAGS += -MMD

CC=gcc

.PHONY: everything deps objs clean veryclean rebuild

release: $(BIN)

debug: $(BIN\_DEBUG)

all: $(BIN) $(BIN\_DEBUG)

deps: $(DEPS)

#%.d: %.c  
# @set -e; rm -f $@; /  
# $(CC) -MM $(CFLAGS) $< > [$@.$$$$](mailto:$@.$$$$); /  
# sed 's,/($\*/)/.o[ :]\*,/1.o $@ : ,g' < [$@.$$$$](mailto:$@.$$$$) > $@; /  
# rm -f [$@.$$$$](mailto:$@.$$$$)

# -include $(source:.c=.d)

objs: $(OBJS)

clean:  
@$(RM) \*.o  
@$(RM) \*.d

veryclean: clean  
@$(RM) $(BIN)   
@$(RM) $(BIN\_DEBUG)

rebuild: veryclean everything

ifneq ($(MISSING\_DEPS), )  
$(MISSING\_DEPS):  
@$(RM) $(patsubst %.d, %.o, $@)  
endif

-include $(DEPS)

$(BIN): $(OBJS)  
$(CC) -o $(BIN) $(OBJS) $(addprefix -l, $(LIBS))   
$(BIN\_DEBUG): $(OBJS)  
$(CC) -o $(BIN\_DEBUG) $(OBJS) $(addprefix -l, $(LIBS)) -DDEBUG