

makefile综合实例

大连理工大学 赖晓晨

```
INCLUDES = -I /home/nie/mysrc/include \
                                                                      综合实例
                          -I /home/nie/mysrc/extern/include \
                          -I /home/nie/mysrc/src \
                          -I /home/nie/mysrc/libsrc \
                          -I . \
EXT CC OPTS = -DEXT MODE
RTM CC OPTS = -DUSE RTMODEL
CFLAGS = -O
CFLAGS += $(EXT CC OPTS)
CFLAGS += $(RTM CC OPTS)
SRCS = tunel1.c rt sim.c rt nonfinite.c grt main.c rt logging.c \
                 ext svr.c updown.c ext svr transport.c \
                 ext work.c
OBJS=\$(SRCS: .c = .o)
RM = rm - f
CC = gcc
LD = gcc
.PHONY: all
all: doom
doom: $(OBJS)
        $(LD) -o $@ $(OBJS) -lm
%.o: %.c
        $(CC) -c -o $@ $(CFLAGS) $(INCLUDES) $<
clean:
        $(RM) $(OBJS) doom
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                          -I . \
                          -1 ...
EXT CC OPTS = -DEXT MODE
RTM_CC_OPTS = -DUSE_RTMODEL
                                                                    宏
CFLAGS = -O
CFLAGS += $(EXT CC OPTS)
CFLAGS += $(RTM CC OPTS)
SRCS = tunel1.c rt_sim.c rt_nonfinite.c grt_main.c rt_logging.c \
                 ext_svr.c updown.c ext_svr_transport.c\
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OBJS=\$(SRCS: .c = .o)
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CC = gcc
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                          -I . \
EXT CC OPTS = -DEXT MODE
                                                  在makefile中定义了这个宏,相当于在源
RTM CC OPTS = -DUSE RTMODEL
                                                      码中有: #define EXT_MODE
CFLAGS = -O
CFLAGS += $(EXT CC OPTS)
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SRCS = tunel1.c rt sim.c rt nonfinite.c grt main.c rt logging.c \
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CFLAGS = -O
                                                编译器的编译选项
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OBJS=\$(SRCS: .c = .o)
                                                         所有要编译的源文
RM = rm - f
                                                              件列表
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                 ext svr.c updown.c ext svr transport.c \
                 ext work.c
                                           各个源文件对应的
OBJS=\$(SRCS: .c = .o)
                                               目标列表
RM = rm - f
CC = gcc
LD = gcc
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doom: $(OBJS)
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                                    删除命令
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                                  链接器用gcc
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CC = gcc
LD = gcc
.PHONY: all
all: doom
doom: $(OBJS)
        $(LD) -o $@ $(OBJS) -Im
                                                          依赖关系和编译规则
%.o: %.c
        $(CC) -c -o $@ $(CFLAGS) $(INCLUDES) $<
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all: doom
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%.o: %.c
                                                       伪目标: 删除生成
        $(CC) -c -o $@ $(CFLAGS) $(INCLUDES) $<
                                                             文件
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嵌入式软件设计

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