

```
1  # Evite conflit:
2  .PHONY: all lib compil clean
3
4  # Constantes:
5  WARN = -Wall
6  OPTIM = -g3 -Ofast
7  GCC = @gcc
8  MSG = @echo compilation en cours: création de $@
9  FLAME = -std=c99 -O2 -ffast-math flame.c -lm -lX11
10 # all
11 all: graph main.o affiche.o graph.o connexe.o routage.o flame.o moteur_graphique.o
    clean
12
13 # Run:
14 run:
15     @echo -n lancement du programme:
16     ./graph
17     @echo fin de programme:
18
19 # Edition de lien du programme principal
20 graph: main.o graph.o routage.o connexe.o affiche.o moteur_graphique.o
21     ${GCC} -o $@ $^ ${OPTIM} ${WARN} ${FLAME}
22     ${MSG}: fichier executable
23
24 # Compilation du programme principal
25 main.o: main.c *.h
26     ${GCC} -c ${OPTIM} ${WARN} *.c
27     ${MSG}
28
29 # Compilation des fichiers de gestions du programme
30 affiche.o: affiche.c *.h
31     ${GCC} -c ${OPTIM} ${WARN} *.c
32     ${MSG}
33
34 graph.o: graph.c *.h
35     ${GCC} -c ${OPTIM} ${WARN} *.c
36     ${MSG}
37
38 connexe.o: connexe.c *.h
39     ${GCC} -c ${OPTIM} ${WARN} *.c
40     ${MSG}
41
42 routage.o: routage.c *.h
43     ${GCC} -c ${OPTIM} ${WARN} *.c
44     ${MSG}
45
46 flame.o: flame.c *.h
47     ${GCC} -c ${OPTIM} ${WARN} *.c
48     ${MSG}
49
50 moteur_graphique.o: moteur_graphique.c *.h
51     ${GCC} -c ${OPTIM} ${WARN} *.c
52     ${MSG}
53
54 # Netoyage des fichiers
55 clean:
56     @echo netoyage des données suppression de: *.o
```

57

@rm *.o

58