

# Detalle de Notas Tarea 2 ELO330

Fabrizio Cabaleiro

3 de noviembre de 2012

## Ahumada, Valdes

- Arroja Segmentation Fault cuando el DNS no responde.

## Araya, Ganter

- Falta makefile.
- Warnings de compilación:
  1. gcc -Wall mds.c -o mds
  2. mds.c:58:4: warning: 'return' with no value, in function returning non-void [-Wreturn-type]
  3. mds.c:74:4: warning: 'return' with no value, in function returning non-void [-Wreturn-type]
  4. mds.c:88:4: warning: 'return' with no value, in function returning non-void [-Wreturn-type]
  5. mds.c: In function 'usage':
  6. mds.c:153:13: warning: unused variable 'i' [-Wunused-variable]
  7. mds.c: In function 'mail\_daemon':
  8. mds.c:243:9: warning: unused variable 'status' [-Wunused-variable]
  9. mds.c:243:6: warning: unused variable 'i' [-Wunused-variable]
  10. mds.c:242:8: warning: unused variable 'pid' [-Wunused-variable]
- El diagrama de la documentación no representa el real funcionamiento del programa, se muestra que la verificación se hace de forma paralela, mientras esta en realidad es secuencial.

## Diaz, Rubilar

- Muestra que la CPU siempre esta al 100%.
- Intente con RAM 0 y 100%, no pude hacer que produjera mensaje.
- Warnings de compilación:
  1. gcc -g -Wall -c mds.c
  2. mds.c: In function 'mainproc':
  3. mds.c:208:2: warning: implicit declaration of function 'waitpid' [-Wimplicit-function-declaration]
  4. mds.c:54:9: warning: unused variable 'pf' [-Wunused-variable]
  5. gcc -g -o mds mds.o

## Guerra, Nettle

- Warnings de compilación:
  1. gcc -c -Wall mds.c -o mds.o
  2. gcc mds.o -o mds
  3. gcc -c -Wall mail.c -o mail.o
  4. mail.c: In function 'main':
  5. mail.c:104:3: warning: implicit declaration of function 'waitpid' [-Wimplicit-function-declaration]
  6. mail.c:12:7: warning: unused variable 'i' [-Wunused-variable]
  7. gcc mail.o -o mail
- El diagrama de la documentación no representa el real funcionamiento del programa, se entiende por ejemplo que solamente se verificara que halla falla de URL cuando no hay falla de DNS y así sucesivamente para los demás bloques de decisión.
- Intente con RAM 0 y 100 %, no pude hacer que produjera mensaje, en aragorn funciona peor que en mi pc.
- Solo recibo un mail y no uno cada 60 segundos por los problemas encontrados.

## Ludueña, Oñate

- Intente con RAM 0 y 100 %, no pude hacer que produjera mensaje, en aragorn arrojaba Segmentation Fault.
  1. gcc -c -Wall mds.c
  2. mds.c: In function 'main':
  3. mds.c:56:13: warning: 'pid1' is used uninitialized in this function [-Wuninitialized]
  4. mds.c:57:18: warning: 'pid2' is used uninitialized in this function [-Wuninitialized]
  5. mds.c:58:13: warning: 'pid3' is used uninitialized in this function [-Wuninitialized]
  6. mds.c:59:13: warning: 'pid4' is used uninitialized in this function [-Wuninitialized]
  7. gcc -c -Wall message.c
  8. message.c: In function 'warning\_message':
  9. message.c:10:6: warning: unused variable 'i' [-Wunused-variable]
  10. gcc -c -Wall services.c
  11. cc -c -o functions.o functions.c
  12. gcc mds.o message.o services.o functions.o -o mds

## Ossandón

- Warnings de compilación:
  1. mds.c: In function 'main':
  2. mds.c:67:3: warning: unknown conversion type character 'M' in format [-Wformat]
  3. mds.c:67:3: warning: ' ' flag used with '%s' gnu\_printf format [-Wformat]
  4. mds.c:67:3: warning: format '%s' expects a matching 'char \*' argument [-Wformat]
  5. mds.c:125:3: warning: unknown conversion type character ':' in format [-Wformat]
  6. mds.c:125:3: warning: unknown conversion type character ':' in format [-Wformat]

7. cpu.c: In function ‘cpu\_monitor’:
8. cpu.c:41:1: warning: control reaches end of non-void function [-Wreturn-type]
9. dns.c: In function ‘dns\_monitor’:
10. dns.c:87:2: warning: implicit declaration of function ‘waitpid’ [-Wimplicit-function-declaration]
11. dns.c:108:1: warning: control reaches end of non-void function [-Wreturn-type]
12. http.c: In function ‘http\_monitor’:
13. http.c:146:2: warning: implicit declaration of function ‘waitpid’ [-Wimplicit-function-declaration]
14. http.c:151:1: warning: control reaches end of non-void function [-Wreturn-type]
15. mail.c: In function ‘create\_mail’:
16. mail.c:18:8: warning: unused variable ‘ps’ [-Wunused-variable]
17. mail.c: In function ‘mail’:
18. mail.c:99:2: warning: implicit declaration of function ‘strcmp’ [-Wimplicit-function-declaration]
19. mail.c:162:2: warning: implicit declaration of function ‘waitpid’ [-Wimplicit-function-declaration]
20. mail.c:40:6: warning: unused variable ‘i’ [-Wunused-variable]
21. mail.c:164:1: warning: control reaches end of non-void function [-Wreturn-type]
22. mail.c: In function ‘create\_mail’:
23. mail.c:25:1: warning: control reaches end of non-void function [-Wreturn-type]

## Comentario

Se pide que los programas compilen sin warnings, recuerden usar el flag “-Wall” (warning all) para desplegar todos los warnings y evitar su presencia.