# Accès aux entrées/sorties

Donnée:

Code:

Output:

# modprobe mymodule

[ 2805.973447] [c2] Linux module skeleton loaded

[ 2805.976342] [c2] Memory allocated

#

# cat /proc/iomem

…

10000000-100000ff : uP register

…

#

# modprobe -r mymodule

[ 2816.692987] [c0] Linux module skeleton unloaded

[ 2816.696049] [c0] Memory released

Manque une partie pas comprise

# Threads du noyau

Donnée :

Code :

Output :

# pwd

/usr/workspace/csel1/environment/module\_noyau/exercice7

# modprobe mymodule

[ 2209.174677] [c1] Thread created

# [ 2214.178018] [c0] Thread awake

[ 2219.183004] [c0] Thread awake

[ 2224.187999] [c0] Thread awake

[ 2229.193003] [c0] Thread awake

[ 2234.198002] [c0] Thread awake

[ 2239.202999] [c0] Thread awake

[ 2244.208002] [c0] Thread awake

[ 2249.213016] [c0] Thread awake

# [ 2254.217981] [c0] Thread awake

# modprobe -r mymodule

[ 2259.223010] [c3] Thread awake

[ 2259.224553] [c0] Thread stopped

# Mise en sommeil

Donnée :

Code :

Output :

# modprobe mymodule

[ 38.965238] [c7] Init wait queue

[ 38.967042] [c7] Threads created

# [ 43.970754] [c2] Thread2 (notif each 5s) awake

[ 43.973766] [c3] Thread1 (wait notif) awake

[ 48.975722] [c2] Thread2 (notif each 5s) awake

[ 48.978723] [c3] Thread1 (wait notif) awake

[ 53.980719] [c2] Thread2 (notif each 5s) awake

[ 53.983716] [c3] Thread1 (wait notif) awake

[ 58.985719] [c2] Thread2 (notif each 5s) awake

[ 58.988719] [c3] Thread1 (wait notif) awake

# modprobe -r mymodule

[ 63.990723] [c2] Thread2 (notif each 5s) awake

[ 63.993722] [c3] Thread1 (wait notif) awake

[ 68.995715] [c2] Thread2 (notif each 5s) awake

[ 68.998725] [c1] Threads stopped