# Differences in changed files

arch/x86/syscalls

syscall_32.tbl

```
355    i386   setniceinc              set_nice_inc
```

---

include/linux

init_task.h

.nice           = 0,                                    \
.nice_inc        = 0,                                    \

---

include/linux

sched.h

int nice_inc;

int nice;

---

**Path:**

include/linux

**Filename:**

syscalls.h

**Changes:**

asmlinkage int set_nice_inc(pid_t pid, int value);

---

**Path:**

kernel

**Filename:**

fork.c

**Changes:**

p->nice_inc = p->real_parent->nice_inc

p->nice = p->real_parent->nice + p->real_parent->nice_inc

---

**Path:**

setniceinc

**Filename:**

Makefile

**Changes:**

obj-y := setniceinc.o

---

**Path:**

setniceinc

**Filename:**

setniceinc.c

**Changes:**

#include <linux/kernel.h>

```c
#include <linux/sched.h>

asmlinkage long set_nice_inc(pid_t pid, int value){
    struct task_struct *t;

    t = find_task_by_vpid(pid);
    if(t == NULL)
        return -ESRCH;
    if(value > 0){
        t->nice_inc = value;
    }
    else
        return -EBADMSG;

    return 0;
}
```

---

```c
#include <stdio.h>
#include <unistd.h>
#include <sys/types.h>
#include <errno.h>
#include <linux/kernel.h>
#include <linux/sched.h>
```

```
int main()

{

    int retVal;

    int PID;

    int nice_inc;

    printf("Enter PID: ");

    scanf("%d", &

    printf("Enter nice val: ");

    scan("%d", &nice_inc);

    // Call set_nice_inc (355)

    retVal = syscall(355, PID, nice_inc);

    return retVal;

}
```

**Path:**

```
/
```

**Filename:**

Makefile

**Changes:**

```
core-y        := usr/ setniceinc/
```