

进程编程实例

```
#include <stdio.h>

#include <stdlib.h>

#include <unistd.h>

int main()

{

    pid_t pid;

    pid = fork();                                //μ÷ÓÃfork()°Êý´´½×Ó½ø³ì

    if (pid == -1)                                //´´½Ê§°Ü

    {

        perror("fork error");

        exit(1);                                //íÊ³ö½ø³ì£¬Ö¸¶»ØÖµ1

    }

    else if (pid > 0)                             //½½ø³ì

    {

        printf("parent process,pid=%d,ppid=%d\n", getpid(), getppid());

    }

    else if (pid == 0)                             //×Ó½ø³ì

    {

        printf("child process,pid=%d,ppid=%d\n", getpid(), getppid());

    }

    printf(".....finish.....\n");

    return 0;

}
```

```
#include <stdio.h>

#include <sys/wait.h>

#include <stdlib.h>

int main()

{

    pid_t pid, w;

    pid = fork();
```

```
if (pid == -1){  
    perror("fork error");  
    exit(1);  
}  
else if (pid == 0){  
    sleep(3);  
    printf("Child process:pid=%d\n", getpid());  
}  
else if (pid > 0){  
    w = wait(NULL);  
    printf("Caught a child process,pid=%d\n", w);  
}  
return 0;  
}
```