

Overview

- System Calls
 - fork()
 - wait()
 - pipe()
 - write()
 - read()
- Examples

Process Creation

- **fork()**

NAME

fork()- create a new process

SYNOPSIS

#include <sys/types.h>

#include <unistd.h>

→pid_t fork (void)

RETURN VALUE

success

parent- child pid

child- 0

failure

-1

fork() system call-example

```
#include <sys/types.h>
#include <unistd.h>
#include <stdio.h>

main()
{
    printf ( "[%ld] parent process id: %ld\n",
            getpid(), getppid() );
    fork();
    printf ( "\n[%ld] parent process id: %ld\n",
            getpid(), getppid() );
}
```