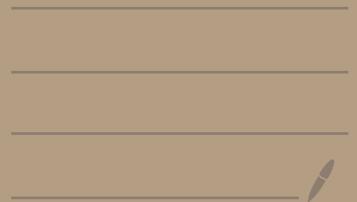


CSE 3320 Digital Whiteboard



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Interrupt Descriptor Table

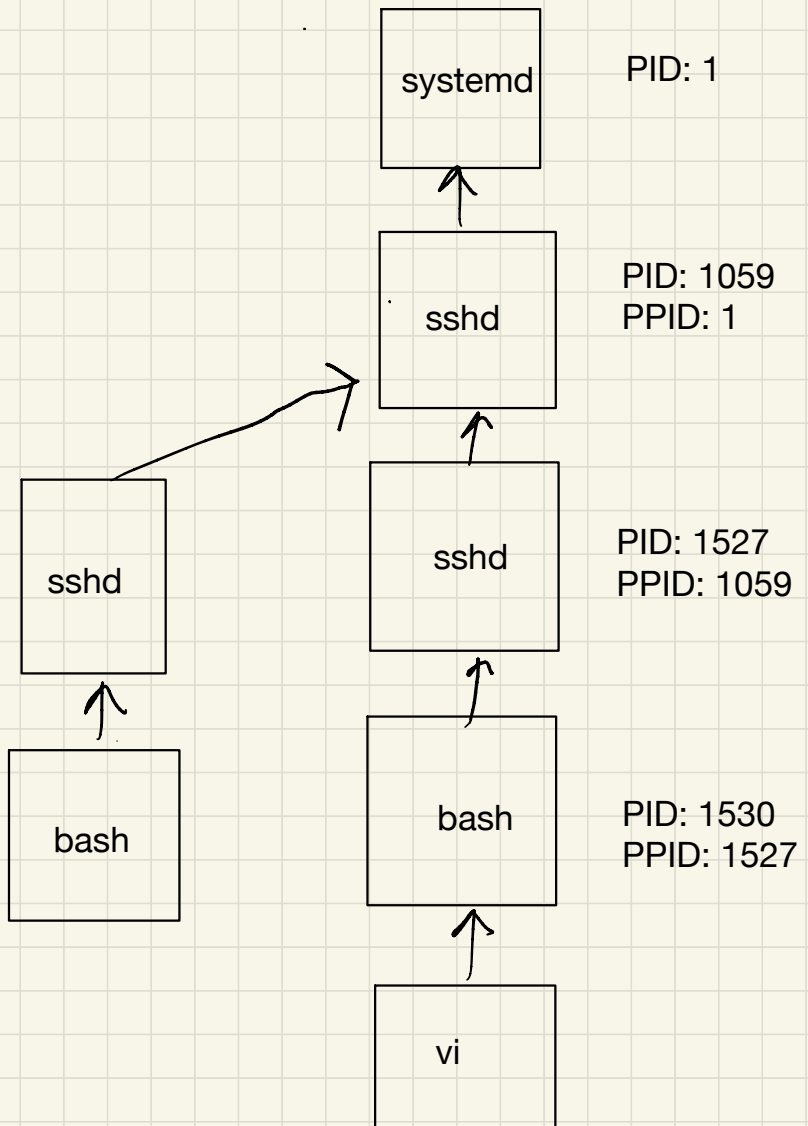
```
int main( int argc, char *argv[] )
{
    while(1)
    {
        do_stuff( );
    }
    return 0;
}
```

0	0x1234
1	0xFA12
2	0xEADF
3	0xCAD3
4	
255	

```
keyboard_int_handler()
{
```

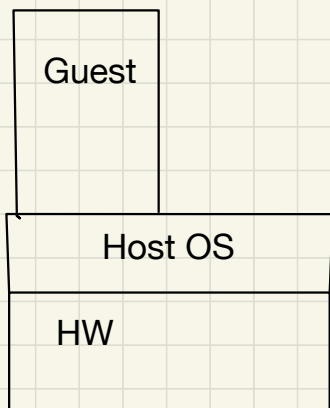
```
// handle the interrupt
```

```
}
```

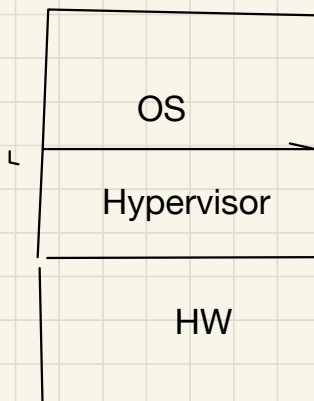


PID = Process Identifier

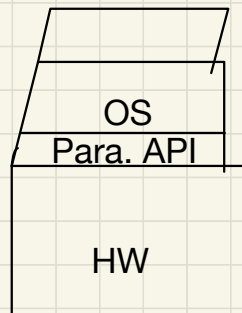
PPID = Parent Process Identifier

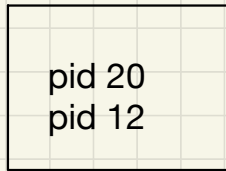
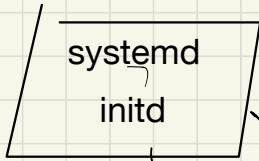


Type 2



Type 1





```
int main()  
{
```

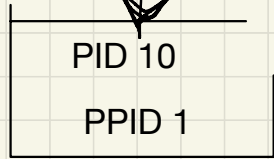
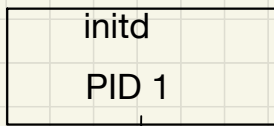
```
    pid_t pid = fork();  
    printf("fork: %d\n", pid);
```

```
}
```

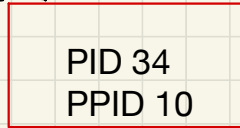
fork returns 20

fork returns 0

```
> ./a.out  
fork: 20  
fork:0
```



fork()



int main()
{

pid_t pid = fork();

// both start
executing here



