Signal: SIGUSR1

Parent PID: 999

55: read(pd[0], &num, sizeof(num))

15: pthread\_exit(0)

15: pthread\_exit(0)

15: pthread\_exit(0)

15: pthread\_exit(0)

15: pthread\_exit(0)

15: pthread\_exit(0)

15: pthread\_exit(0)

Pipe p: 3 bytes

Pipe: 2 bytes

Signal: SIGUSR1

Signal: SIGUSR1

Child 2 PID: 1001

41: exit(res)

Child 1 PID: 1000

41: exit(res)

Child 1 PID: 1000

3: gn(0, -3)

Pipe p

Parent PID: 999

23: gn1(0, pid[0])

Signal: SIGUSR1

Pipe p: 4 bytes

(sizeof(pid\_t))

Child 3 PID: 1002

18: read(p[0], &pid[2], sizeof(pid\_t))

Child 4 PID: 1003

20: gn1(3, 1003)

Child 2 PID: 1001

20: gn1(1, 1000)

Child 1 PID: 1000

3: gn(0, -3)

Parent PID: 999

28: wait(NULL)