

```

typedef long (*cobalt_syshand)(unsigned long arg1, unsigned long arg2,
                               unsigned long arg3, unsigned long arg4,
                               unsigned long arg5);

long CoBaLt_ioctl(int fd, unsigned int request, void __user *arg);
int handle_head_syscall(bool caller_is_relaxed, struct pt_regs *regs)
{
    cobalt_syshand handler;
    unsigned long args[6];
    ...
    p = current;
    pipeline_get_syscall_args(p, regs, args);

    ret = handler(args[0], args[1], args[2], args[3], args[4]);
    ...
}

```

90000000003b27c8 <handle_head_syscall>:

```

...
90000000003b27f8: 001500be move    $r30,$r5
...
90000000003b2974: 28c103c8 ld.d     $r8,$r30,64(0x40)
90000000003b2978: 28c0e3c7 ld.d     $r7,$r30,56(0x38)
90000000003b297c: 28c0c3c6 ld.d     $r6,$r30,48(0x30)
90000000003b2980: 28c0a3c5 ld.d     $r5,$r30,40(0x28)
90000000003b2984: 28c083c4 ld.d     $r4,$r30,32(0x20)
90000000003b2988: 2600005c ldptr.d  $r28,$r2,0
90000000003b298c: 4c000341 jirl     $r1,$r26,0

```