

408410007

readelf -d/usr/bin/ls:

```
Dynamic section at offset 0x21a58 contains 28 entries:
  Tag                Type                Name/Value
0x0000000000000001 (NEEDED)           Shared library: [libselinux.so.1]
0x0000000000000001 (NEEDED)           Shared library: [libc.so.6]
0x000000000000000c (INIT)             0x4000
0x000000000000000d (FINI)             0x17574
0x0000000000000019 (INIT_ARRAY)       0x22010
0x000000000000001b (INIT_ARRAYSZ)      8 (bytes)
0x000000000000001a (FINI_ARRAY)       0x22018
0x000000000000001c (FINI_ARRAYSZ)     8 (bytes)
0x0000000006ffffef5 (GNU_HASH)        0x3a0
0x0000000000000005 (STRTAB)           0x1190
0x0000000000000006 (SYMTAB)           0x488
0x000000000000000a (STRSZ)            1612 (bytes)
0x000000000000000b (SYMENT)           24 (bytes)
0x0000000000000015 (DEBUG)            0x0
0x0000000000000003 (PLTGOT)           0x22c58
0x0000000000000002 (PLTRELSZ)         2544 (bytes)
0x0000000000000014 (PLTREL)           RELA
0x0000000000000017 (JMPREL)           0x2cb8
0x0000000000000007 (RELA)             0x1968
0x0000000000000008 (RELASZ)           4944 (bytes)
```

pc341@md800:~/busybox\$ readelf -d ~/busybox/\_install/bin/busybox

```
Dynamic section at offset 0x100d68 contains 28 entries:
  Tag                Type                Name/Value
0x0000000000000001 (NEEDED)           Shared library: [libm.so.6]
0x0000000000000001 (NEEDED)           Shared library: [libresolv.so.2]
0x0000000000000001 (NEEDED)           Shared library: [libc.so.6]
0x000000000000000c (INIT)             0xd9d0
0x000000000000000d (FINI)             0xd56f4
0x0000000000000019 (INIT_ARRAY)       0x2fddd0
0x000000000000001b (INIT_ARRAYSZ)     8 (bytes)
0x000000000000001a (FINI_ARRAY)       0x2fddd8
0x000000000000001c (FINI_ARRAYSZ)     8 (bytes)
0x0000000006ffffef5 (GNU_HASH)        0x298
0x0000000000000005 (STRTAB)           0x2908
0x0000000000000006 (SYMTAB)           0x2e0
0x000000000000000a (STRSZ)            3823 (bytes)
0x000000000000000b (SYMENT)           24 (bytes)
0x0000000000000015 (DEBUG)            0x0
0x0000000000000003 (PLTGOT)           0x301000
0x0000000000000002 (PLTRELSZ)         9072 (bytes)
0x0000000000000014 (PLTREL)           RELA
0x0000000000000017 (JMPREL)           0xb660
0x0000000000000007 (RELA)             0x3c68
0x0000000000000008 (RELASZ)           31224 (bytes)
0x0000000000000009 (RELAENT)          24 (bytes)
0x0000000006ffffffb (FLAGS_1)         Flags: PIE
0x0000000006ffffffe (VERNEED)         0x3b28
0x0000000006fffffff (VERNEEDNUM)      3
0x0000000006ffffff0 (VERSYM)          0x37f8
0x0000000006ffffff9 (RELACOUNT)       1274
0x0000000000000000 (NULL)             0x0
```

```
ariel@ariel-vm:~/system-programming/ch06$ sudo chroot ~/busybox/_install/ ash  
[sudo] password for ariel:  
/ #
```

提供多數詳列在[單一UNIX規範](#)裡的功能，以及許多使用者會想在Linux系統上看到的功能。  
BusyBox使用[ash](#)。在 BusyBox的網站上可以找到所有功能的列表

笑話的存在--可笑性:有點低