**driver**

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| **LibDriver** | |
| driver | 驱动 |
| drvlib | 驱动库 |

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| **MEMORY** | |
| memory | 内存 |

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| **AT\_WINI** | |
| at\_wini | 是磁盘？ |

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| **TTY** | |
| tty | 终端 |
| keyboard | 键盘 |
| console | 控制台 |

1. libdriver/driver.c

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| **driver.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | void | driver\_task(dp) |  |
| PRIVATE | void | init\_buffer() |  |
| PRIVATE | int | do\_rdwt(dp, mp) |  |
| PRIVATE | int | do\_vrdwt(dp, mp) |  |
| PUBLIC | char | \*no\_name() |  |
| PUBLIC | int | do\_nop(dp, mp) |  |
| PUBLIC | void | nop\_signal(dp, mp) |  |
| PUBLIC | void | nop\_alarm(dp, mp) |  |
| PUBLIC | Struct device | \*nop\_prepare(device) |  |
| PUBLIC | void | nop\_cleanup() |  |
| PUBLIC | int | nop\_cancel(struct driver \*dr, message \*m) |  |
| PUBLIC | int | nop\_select(struct driver \*dr, message \*m) |  |
| PUBLIC | int | do\_diocntl(dp, mp) |  |

1. libdriver/drvlib.c

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| **drvlib.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | void | partition(dp, device, style, atapi) |  |
| PRIVATE | void | extpartition(dp, extdev, extbase) |  |
| PRIVATE | int | get\_part\_table(dp, device, offset, table) |  |
| PRIVATE | void | sort(table) |  |

1. memory/memory.c

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| **memory.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | main() |  |
| PRIVATE | char | \*m\_name() |  |
| PRIVATE | Struct device | \*m\_prepare(device) |  |
| PRIVATE | int | m\_transfer(proc\_nr, opcode, position, iov, nr\_req) |  |
| PRIVATE | int | m\_do\_open(dp, m\_ptr) |  |
| PRIVATE | void | m\_init() |  |
| PRIVATE | int | m\_ioctl(dp, m\_ptr) |  |
| PRIVATE | void | m\_geometry(entry) |  |

1. at\_wini/at\_wini.c

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| **at\_wini.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | main |  |
| PRIVATE | void | init\_params() |  |
| PRIVATE | void | init\_drive(struct wini \*w int base\_cmd int base\_ctl int irq int ack …) |  |
| PRIVATE | void | init\_params\_pci(int skip) |  |
| PRIVATE | int | w\_do\_open(dp, m\_ptr) |  |
| PRIVATE | struct device | \*w\_prepare(int device) |  |
| PRIVATE | int | w\_identify() |  |
| PRIVATE | char | \*w\_name() |  |
| PRIVATE | int | w\_io\_test(void) |  |
| PRIVATE | int | w\_specify() |  |
| PRIVATE | int | do\_transfer(struct wini \*wn, unsigned int precomp, unsigned int count, unsigned int sector, unsigned int opcode) |  |
| PRIVATE | int | w\_transfer(proc\_nr, opcode, position, iov, nr\_req) |  |
| PRIVATE | int | com\_out(cmd) |  |
| PRIVATE | void | w\_need\_reset() |  |
| PRIVATE | int | w\_do\_close(dp, m\_ptr) |  |
| PRIVATE | int | com\_simple(cmd) |  |
| PRIVATE | void | w\_timeout(void) |  |
| PRIVATE | int | w\_reset() |  |
| PRIVATE | void | w\_intr\_wait() |  |
| PRIVATE | int | at\_intr\_wait() |  |
| PRIVATE | int | w\_waitfor(mask, value) |  |
| PRIVATE | void | w\_geometry(entry) |  |
| PRIVATE | int | w\_other(dr, m) |  |
| PRIVATE | int | w\_hw\_int(dr, m) |  |
| PRIVATE | void | ack\_irqs(unsigned int irqs) |  |

1. tty/tty.c

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| **tty.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | void | main() |  |
| PRIVATE | void | do\_status(m\_ptr) |  |
| PRIVATE | void | Do\_read(tp, m\_ptr) |  |
| PRIVATE | void | Do\_write(tp, m\_ptr) |  |
| PRIVATE | void | Do\_ioctl(tp, m\_ptr) |  |
| PRIVATE | void | Do\_open(tp, m\_ptr) |  |
| PRIVATE | void | Do\_close(tp, m\_ptr) |  |
| PRIVATE | void | Do\_cancel(tp, m\_ptr) |  |
| PUBLIC | int | Select\_try(struct tty \*tp, int ops) |  |
| PUBLIC | void | Handle\_events(tp) |  |
| PRIVATE | void | In\_transfer(tp) |  |
| PUBLIC | void | In\_process(tp, buf, count) |  |
| PRIVATE | int | Tty\_echo(tp, ch) |  |
| PRIVATE | void | Rawecho(tp, ch) |  |
| PRIVATE | int | Back\_over(tp) |  |
| PRIVATE | void | Reprint(tp) |  |
| PUBLIC | void | Out\_process(tp, bstart, bpos, bend, icount, ocount) |  |
| PRIVATE | void | Dev\_ioctl(tp) |  |
| PRIVATE | void | Setattr(tp) |  |
| PUBLIC | void | Tty\_reply(code, replyee, proc\_nr, status) |  |
| PUBLIC | void | Sigchar(tp, sig) |  |
| PRIVATE | void | Tty\_icancel(tp) |  |
| PRIVATE | void | Tty\_init() |  |
| PRIVATE | void | Tty\_timed\_out(timer\_t \*tp) |  |
| PRIVATE | void | Expire\_timers(void) |  |
| PRIVATE | void | Settimer(tty\_ptr, enable) |  |
| PUBLIC | int | Tty\_devnop(tp, try) |  |
| PRIVATE | void | Do\_select(tp, m\_ptr) |  |

1. tty/keyboard.c

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| **keyboard.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PRIVATE | unsigned | map\_key(scode) |  |
| PUBLIC | void | kbd\_interrupt(m\_ptr) |  |
| PRIVATE | int | kb\_read(tp, try) |  |
| PRIVATE | unsigned | make\_break(scode) |  |
| PRIVATE | void | set\_leds() |  |
| PRIVATE | int | kb\_wait() |  |
| PRIVATE | int | kb\_ack() |  |
| PUBLIC | void | kb\_init(tp) |  |
| PUBLIC | void | kb\_init\_once(void) |  |
| PUBLIC | int | kbd\_loadmap(m) |  |
| PUBLIC | void | do\_fkey\_ctl(m\_ptr) |  |
| PRIVATE | int | func\_key(scode) |  |
| PRIVATE | void | show\_key\_mappings() |  |
| PRIVATE | int | scan\_keyboard() |  |
| PUBLIC | void | do\_panic\_dumps(m) |  |

1. tty/console.c

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| **console.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PRIVATE | int | Cons\_write(tp, try) |  |
| PRIVATE | void | Cons\_echo(tp, c) |  |
| PRIVATE | void | Out\_char(cons, c) |  |
| PRIVATE | void | Scroll\_screen(cons, dir) |  |
| PRIVATE | void | Flush(cons) |  |
| PRIVATE | void | Parse\_escape(cons, c) |  |
| PRIVATE | void | Do\_escape(cons, c) |  |
| PRIVATE | void | Set\_6845(reg, val) |  |
| PRIVATE | void | Get\_6845(reg, val) |  |
| PRIVATE | void | Beep() |  |
| PRIVATE | void | Stop\_beep(tmrp) |  |
| PUBLIC | void | Scr\_init(tp) |  |
| PUBLIC | void | Kputc(c) |  |
| PUBLIC | void | Do\_new\_kmess(m) |  |
| PUBLIC | void | Do\_diagnostics(m\_ptr) |  |
| PRIVATE | void | Putk(c) |  |
| PUBLIC | void | Toggle\_scroll() |  |
| PUBLIC | void | Cons\_stop() |  |
| PRIVATE | void | Cons\_org0() |  |
| PUBLIC | void | Select\_console(int cons\_line) |  |
| PUBLIC | int | Con\_loadfont(m) |  |
| PRIVATE | int | Ga\_program(seq) |  |
| PRIVATE | int | Cons\_ioctl(tp, try) |  |