1. table.c
2. cache.c

|  |  |  |  |
| --- | --- | --- | --- |
| **cache.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | struct buf | \*get\_block(dev, block, only\_search) |  |
| PUBLIC | void | put\_block(bp, block\_type) |  |
| PUBLIC | zone\_t | alloc\_zone(dev, z) |  |
| PUBLIC | void | free\_zone(dev, numb) |  |
| PUBLIC | void | rw\_block(bp, rw\_flag) |  |
| PUBLIC | void | invalidate(device) |  |
| PUBLIC | void | flushall(dev) |  |
| PUBLIC | void | rw\_scattered(dev, bufq, bufqsize, rw\_flag) |  |
| PRIVATE | void | rm\_lru(bp) |  |

1. inode.c

|  |  |  |  |
| --- | --- | --- | --- |
| **inode.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | struct inode | \*get\_inode(dev, numb) |  |
| PUBLIC | void | put\_inode(rip) |  |
| PUBLIC | struct inode | \*alloc\_inode(dev\_t dev, mode\_t bits) |  |
| PUBLIC | void | wipe\_inode(rip) |  |
| PUBLIC | void | free\_inode(dev, inumb) |  |
| PUBLIC | void | update\_times(rip) |  |
| PUBLIC | void | rw\_inode(rip, rw\_flag) |  |
| PRIVATE | void | old\_icopy(rip, dip, direction, norm) |  |
| PRIVATE | void | new\_icopy(rip, dip, direction, norm) |  |
| PUBLIC | void | dup\_inode(ip) |  |

1. super.c

|  |  |  |  |
| --- | --- | --- | --- |
| **super.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | bit\_t | alloc\_bit(sp, map, origin) |  |
| PUBLIC | void | free\_bit(sp, map, bit\_returned) |  |
| PUBLIC | Struct super\_block | \*get\_super(dev) |  |
| PUBLIC | int | get\_block\_size(dev\_t dev) |  |
| PUBLIC | int | mounted(rip) |  |
| PUBLIC | int | read\_super(sp) |  |

1. filedes.c

|  |  |  |  |
| --- | --- | --- | --- |
| **filedes.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | Get\_fd(int start, mode\_t bits, int \*k, struct filp \*\*fpt) |  |
| PUBLIC | struct filp | \*get\_filp(fild) |  |
| PUBLIC | struct filp | \*find\_filp(register struct inode \*rip, mode\_t bits) |  |

1. lock.c

|  |  |  |  |
| --- | --- | --- | --- |
| **lock.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | lock\_op(f, req) |  |
| PUBLIC | void | Lock\_revive() |  |

1. main.c

|  |  |  |  |
| --- | --- | --- | --- |
| **main.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | main() |  |
| PRIVATE | void | get\_work() |  |
| PRIVATE | void | buf\_pool(void) |  |
| PUBLIC | void | reply(whom, result) |  |
| PRIVATE | void | fs\_init() |  |
| PRIVATE | int | igetenv(key, optional) |  |
| PRIVATE | void | load\_ram(void) |  |
| PRIVATE | void | load\_super(super\_dev) |  |

1. open.c

|  |  |  |  |
| --- | --- | --- | --- |
| **open.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | do\_creat() |  |
| PUBLIC | int | do\_open() |  |
| PRIVATE | int | common\_open(register int oflags, mode\_t omode) |  |
| PRIVATE | struct inode | \*new\_node(char \*path, mode\_t bits, zone\_t z0) |  |
| PRIVATE | int | Pipe\_open(register struct inode \*rip, register mode\_t bits, register int oflags) |  |
| PUBLIC | int | do\_mknod() |  |
| PUBLIC | int | do\_mkdir() |  |
| PUBLIC | int | do\_close() |  |
| PUBLIC | int | do\_lseek() |  |

1. read.c

|  |  |  |  |
| --- | --- | --- | --- |
| **read.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | do\_read() |  |
| PUBLIC | int | read\_write(rw\_flag) |  |
| PRIVATE | int | Rw\_chunk(rip, position, off, chunk, left, rw\_flag, buff, seg, usr, block\_size, completed) |  |
| PUBLIC | block\_t | read\_map(rip, position) |  |
| PUBLIC | zone\_t | rd\_indir(bp, index) |  |
| PUBLIC | void | read\_ahead() |  |
| PUBLIC | Struct buf | \*rahead(rip, baseblock, position, bytes\_ahead) |  |

1. write.c

|  |  |  |  |
| --- | --- | --- | --- |
| **write.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC |  |  |  |
| PUBLIC | void |  |  |
| PUBLIC |  |  |  |
| PUBLIC | void |  |  |
| PUBLIC | void |  |  |
| PUBLIC | void |  |  |
| PUBLIC | void |  |  |
| PRIVATE | void |  |  |
| PRIVATE | void |  |  |
| PUBLIC | void |  |  |

1. pipe.c

|  |  |  |  |
| --- | --- | --- | --- |
| **pipe.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | do\_pipe() |  |
| PUBLIC | int | pipe\_check(rip, rw\_flags, bytes, position, canwrite, notouch) |  |
| PUBLIC | void | suspend(task) |  |
| PUBLIC | void | release(ip, call\_nr, count) |  |
| PUBLIC | void | revive(proc\_nr, returned) |  |
| PUBLIC | int | do\_unpause() |  |
| PUBLIC | int | select\_request\_pipe(struct filp \*f, int \*ops, int block) |  |
| PUBLIC | int | select\_match\_pipe(struct filp \*f) |  |

1. path.c

|  |  |  |  |
| --- | --- | --- | --- |
| **path.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | struct inode | \*eat\_path(path) |  |
| PUBLIC | struct inode | \*last\_dir(path, string) |  |
| PRIVATE | char | \*get\_name(old\_name, string) |  |
| PUBLIC | struct inode | \*advance(dirp, string) |  |
| PUBLIC | int | search\_dir(ldir\_ptr, string, numb, flag) |  |

1. mount.c

|  |  |  |  |
| --- | --- | --- | --- |
| **mount.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | do\_mount() |  |
| PUBLIC | int | do\_umount() |  |
| PUBLIC | int | Unmount(dev) |  |
| PRIVATE | dev\_t | name\_to\_dev(path) |  |

1. link.c

|  |  |  |  |
| --- | --- | --- | --- |
| **link.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | do\_link() |  |
| PUBLIC | int | do\_unlink() |  |
| PUBLIC | int | do\_rename() |  |
| PUBLIC | void | truncate(rip) |  |
| PRIVATE | int | remove\_dir(rldirp, rip, dir\_name) |  |
| PRIVATE | int | unlink\_file(dirp, rip, file\_name) |  |

1. stadir.c

|  |  |  |  |
| --- | --- | --- | --- |
| **stadir.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | do\_fchdir() |  |
| PUBLIC | int | do\_chdir() |  |
| PUBLIC | int | do\_chroot() |  |
| PRIVATE | int | change(iip, name\_ptr, len) |  |
| PRIVATE | int | change\_into(iip, rip) |  |
| PUBLIC | int | do\_stat() |  |
| PUBLIC | int | do\_fstat() |  |
| PRIVATE | int | stat\_inode(rip, fil\_ptr, user\_addr) |  |
| PUBLIC | int | do\_fstatfs() |  |

1. protect.c

|  |  |  |  |
| --- | --- | --- | --- |
| **protect.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | do\_chmod() |  |
| PUBLIC | int | do\_chown() |  |
| PUBLIC | int | do\_umask() |  |
| PUBLIC | int | do\_access() |  |
| PUBLIC | int | forbidden(register struct inode \*rip, mode\_t access\_desired) |  |
| PUBLIC | int | read\_only(ip) |  |

1. dmap.c

|  |  |  |  |
| --- | --- | --- | --- |
| **dmap.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | do\_devctl() |  |
| PUBLIC | int | map\_driver(major, proc\_nrn style) |  |
| PUBLIC | void | build\_dmap() |  |

1. device.c

|  |  |  |  |
| --- | --- | --- | --- |
| **device.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | dev\_open(dev, proc, flags) |  |
| PUBLIC | void | dev\_close(dev) |  |
| PUBLIC | void | dev\_status(message \*m) |  |
| PUBLIC | int | dev\_io(op, dev, proc, buf, pos, bytes, flags) |  |
| PUBLIC | int | gen\_opcl(op, dev, proc, flags) |  |
| PUBLIC | int | tty\_opcl(op, dev, proc, flags) |  |
| PUBLIC | int | ctty\_opcl(op, dev, proc, flags) |  |
| PUBLIC | int | do\_setsid() |  |
| PUBLIC | int | do\_ioctl() |  |
| PUBLIC | void | gen\_io(task\_nr, mess\_ptr) |  |
| PUBLIC | void | ctty\_io(task\_nr, mess\_ptr) |  |
| PUBLIC | int | no\_dev(op, dev, proc, flags) |  |
| PUBLIC | int | clone\_opcl(op, dev, proc, flags) |  |

1. time.c

|  |  |  |  |
| --- | --- | --- | --- |
| **time.c** | | | |
| 作用域 | 类型 | 函数 | 功能说明 |
| PUBLIC | int | do\_utime() | 更新时间？ |
| PUBLIC | int | do\_stime() | 开始时间？ |

**kernel**

|  |  |
| --- | --- |
| **SYSTEM** | |
| do\_exec | 执行 |
| do\_setalarm | 设置警告 |

|  |  |
| --- | --- |
| **Kernel** | |
| table | 表 |
| mpx |  |
| mpx386 |  |
| start | 开始 |
| main | 主 |
| proc | 进程 |
| exception | 异常 |
| i8259 | 控制器 |
| protect | 保护 |
| klib.s | 内核库 |
| klib386.s | 内核库386 |
| utility | 实用工具 |
| system | 系统 |
| clock | 时钟 |

**driver**

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

|  |  |
| --- | --- |
| **MEMORY** | |
| memory | 内存 |

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

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

**servers**

|  |  |
| --- | --- |
| **PM** | |
| table | 表 |
| main | 主 |
| forkexit | 叉子退出 |
| exec | 执行 |
| break | 打断 |
| signal | 信号 |
| timers | 计时器 |
| time | 时间 |
| getset | 获取设置 |
| misc | 杂 |

|  |  |
| --- | --- |
| **FS** | |
| table | 表 |
| cache | 高速 |
| inode | I节点 |
| super | 超级 |
| filedes | 文件描述符 |
| lock | 锁 |
| main | 主 |
| open | 打开 |
| read | 读取 |
| write | 写入 |
| pipe | 管 |
| path | 路径 |
| mount | 挂载 |
| link | 链接 |
| stadir | 目录状态 |
| protect | 保护 |
| device | 设备 |
| time | 时间 |