

1 Panusbare encreus Parinobar eneremo-raero orepay enerement, resopare exberaer 30 bosnoscreats antirensieno separetura garriose a gerryna « mun (cozgarius, rienus, zannen u zo) Parindear energies enpegeniser

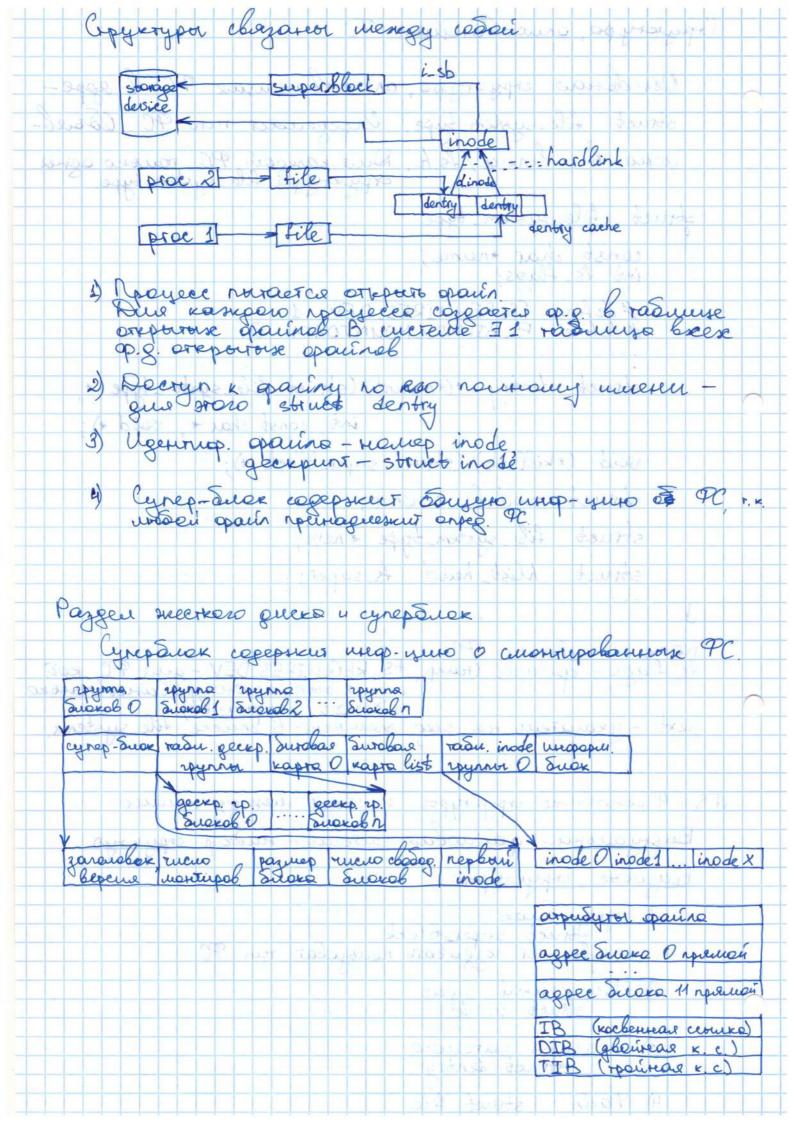
- openinat cesepari. Darriorse

- chdess oping. sepainement garriorse

- chazo oping nocureur garriorse i une borsobab qui garriorse i spannary Paris - remuerobançair coborginales garrière separany.
Bo bropurnoi namari (mepro-negabuénnois
suorinose geoposi-bo). Cueremo Linux reggepricular 7 runas grannol: 1. perymapsioni Superropus 3. unteriolannoù karan creis quis cuerberes yerpois-be ux reparence a goiren « reme. 2. Bagaru PC Construer zacara 90 - opravigazine georgio k 1) muerobarene grannels
2) Execrer. representer meseppence qui pasorre c
apaninamen remesser / ransposas
3) crospascence neuvr. resperable na apus eprateus
separterum gantorse
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k remu k beller observer cobinectros excryna a gainans. 3. Repapsewickare opravingazione PC 5 ypobreen: 1 Cumbenstrolli y pobetto
y pobetes unenobarine opaninos
spranuzarene raraneres / regraraneres Une opanino ne abu ugentuopuraropau: que goetyno « remy us paziense guperiopun

2. Bazaborii upakeres ypokeres grapumpakarun geckpurrapo apaninas B PC gain neerouguy, namepour inode 2 runs inde Dagephen map yens que reasessagement aparine 2) guerobui una-nuo que aspecanina gantionse 6 spaine Due geergne: repesee et cureb uneren « recuegy inode Pureragoverno. 3. Ipolerus repolesseur reals goergna y kancoro asquiro eyus reals goergna yeravialeur orreter que nous sobateur re. nosus elateuri ecremotierse 4. louvierun ypolens Noglouser Kolegness geeryn k gannener 6 aparine 6 opapulate et introver of opapulare use spart. separeenu zarpoe no rienne garereure prospaz. janços no genz la racinez- 16 davivos Noggepokubaeter 2 rune apacinos:
- Sadrepuertrupobarriore (oprarun Santranum)
- Suckepuertrupobarriore (oprarun Suckentum) 5. Prezweruń ypobero ypoleus reparenue gamoise a geeryne e mul 3. Parisobas regeneremo Linux Regeptieno sembmoro reneno PC. Manurure VFS (Linux) in VFS/vnode (Unix) royberner PC Unix/Linux reggepsiculars Sousince rures poznorse

Copyerypo, enucubarousag PC Octedorian copyrerypo, onuesibarousare PC 6 appestruct file-system-type. Onpeganaer run PC Corabuerea 6 linuse/fs.h. Due ranger PC rouseo agric struct file-system type const char *name; int fs. flags; # define FS_REQUIRES_DEV 1 # define FS_BINARY_MOUNTDATA struct dentry * (*mount) (struct file_system_type * int, const char *, void +); soid (+ kill_sb) (struct super_block +); struct module + owner; struct file-system-type + next; struct hlist-head fs-super; rame - raybanne PC 4s. flags - spuarer (Harp., FS_REQUIRES_DEV-que PC, KOT. next - yearateur na ever mement 6 course file-systems. VFS: H aescabnoie crpykrypor i chiazo meskoy remine Burryanstean gamebas cuerems - rades copyerys Bazalore erpyerypon: 1) Cyrep- auex struct super block noxbourger cozeabars nouszebar. run PC 2) Urgekerroni yzen Struct inode 3) Quemers karonoro struct dentry 4) Parin struct file



Concreração. PC agregaran 1 cynepanex theop-year o PC: meap-year o spannase garried PC Dur copairement « oparinam recoseco: Turobar napro ilist Tadimiro inode-ob le oreand spanion ago electral app Province -11-Copyring struct super operations Onicorbaet pyrny enepaisité, enpegenementse rea Orpegenera 6 clinuse/fs. h> struct super operations struct inode * (* aller_inode) (struct super_block *sb); soid (* Lestroy_inode) (struct inode +); said (* disty_inade) (struct inade *, int flags); int (* stite_inode) (struct inode *, struct wite_back_control * wbc); int (*drop_inode) (struct inode +); void (* put_super) (struct super_block +); into (* sync_fs) (struct sync_black *sb, int wait); int (* stat_ fs) (struct dentry, struct kstat_fs *); int (* remount - fs) (struct super-block, int *, char *); void (* unount begin) (struct superblock); alloc_inade - cesques u uneujuanus reboni Estert inade distry inade - asterbuset uneoposium 6 stryphanispyenouse PC vs. rite_inade - garucinbaet grazamioni inade na guer drop_inade - borrochaetale reaccuetement BPC voiga unesques reclamate expensal expens

Morripolarine PC agre - struct file system type. Mesnese been - unusuanusousur stor copyriger. a) static struct file-system-type myfs_type = owner = THIS_MODULE,

mame = "myfs"

mount = myfs_mount

kill_Sb = kill_black_super, OWNET - greenembart crestoux cermiex no megynt, wood ne mount - apprikisme busikareman apri materipolaremi cuetemi kill-sb - apri pasméntupolaremi static structs dentry *my & mount (struct file system type * type, int flags, char coust * dev, soid * date) struct dentry * const entry = mount_bdev(type, flags dev, date myts_fill_sb); geturn entry; dentry, anucorbajousyro ropueloù rareuro Perrypy mount_bder borneumaet ernobryno padoty
npurumaet b sorr-be apriymento
myfs_fill_sb b) statie int myts fill sb (struct super black +sb, void +data int silent) sb → s_blecksize_bits = PAGE_SIZE; sb → s_blecksize_bits = PAGE_SHIFT; MAGIC. NUMBER; sb -s_magic sb - s - op 2 2 my fs_ super_ ops; 1006 = myts_make_inode (sb, SIFDIR 10455); struct inode *root = NULL; sb=> 1000 2 d. make_1000 (1008); Bancimaerce expressions super black Cozquetce inode capteboro karanana teamen PC.

static struct inode * myfs_make_inode (struct super-block +sb, int mode) struct inde * let = ners inode (sb); if (ret) (inode_init_owner(ret, MULL, mode); ret -- i-privat = myfs inode; return ret; myts_inode - cryykrypa que coderbermoro inode Prime coscaet inode apriment mode zeasaet passementes Kemango mount Kemarga manripolarime PC mount -0 loop -t mys limage Idir -o chucek napaucipel beop yrazanue na yerpaii-lo (lucero peausnaro guero) -t myts run PC: myts limage - yerren-bo Korga PC morerupyeres, cosquerces croyerapo vis nount , vorapas regeralmant korekpernoui regemenap PC, struct vfs_mount struct dentry *mount_root; struct suppobleck *mnt_sb; int mnt_flags; Пуказачень на карневей кателях Пуказачень не супераник Гриати понтирования