begunicherzh go-yun que paramer c sequence grandamu start()> stop() = (END) show() system overflow buffer Vis OK eems ungoopusyus zanuchbams stop() buffer overflow- будоер започнен и след. Запись не м-б выполнена; вперепаменная м. б. точько поможна"); Bapuarme penerung ngroonens:

1) Cucmenia moncem cozzanie gon. Eygoep (noxogneny)

2) Eam namenne bergement kebozmoneno, cucmenia

moncem bernyme omnoky; 9-year stop() berzerbalmar b 3 ronneucmax:
1) cpazy nocul start() - ovorkanul buboga ganunx; 2) nocie show () - Eggoep zanownem u u. S. coz-gan gon. Obieu nausmu (ucx. Eggoep M. S- pac-uupen na mom nee obsieu, nomgani zanganubanea gó moro); ecue namemin nem, sygem bozbnatyena oumska (mpesyemca npolepka);

3) nocil next (), koiga zononumico ganusce que buboga (nymeno mbo zabepminumo posomy, mo nepermi na bubog grynoso maccirba gansinx); Unmergoeux sequence grando nozborarem repogabanos gamune nionosouz xernel b user; #include </rienax/module.h > #include< linux/, proc\_fs.h > # include < linux/seq\_file.L> # define PROC\_FILE\_NAME "myfile" static struct proc-dir-entry \* proc-file; static char \*str; static int proc\_show(struct seq\_file \* m, void\*v) int error = 0; error = seq - printf(m, "%s\n", str); return error; static int proc\_my\_open(struct inode \*\* inode, struct file \*\* file) return single\_open/file, proc\_show, NULL);
op-yunumenapenca
single file

static const struct proc\_ops proc\_fops = .proc-open = proc-my-open,
.proc-release = single\_release, ? megonucannuce
.proc-read = seg-read
?; static int \_\_init proc\_init(voit) str="aaa";

proc\_file= proc\_create\_data[PROC\_FILE\_NAME,
S\_IRUGO, NULL, & proc\_fops, NULL);

if (!proc\_file)

return-ENOMEM; return 0; static void \_ exit proc\_exit (void) if (proc\_f;le)
remove\_proc\_entry(PROC\_FILE\_NAME,
NULL); Single file unmendeux cozgan den obierrenun nanucanun koga, megnaznarennon den renegaru ungapuarzun uz kernel buser;

int single\_open(struct file \*file,
int(\*show)(struct seg\_file \*, void\*), void \*data) struct seg-operation \*op =

Kmalloc(sizeof(\*op), GFP\_KERNEL); intres = - ENOMEM; op -> start = single\_start; // wmonamopa op -> stop = single-stop; op -> next = single\_next; Op -> Show = Show; if (!res)((struct seg\_file\*)file ->private\_data) -> private = fata; else Kfree(op); return res; EXPORT\_SYMBOL(single\_open); open-mabuar (-) broga; open -> show -> seq\_printf; Cura repegatu gamus in rerne/ buser zamio-vaemar b mont imo unopopulación charana zamicoc-baemar b orgoen signa, u ynce uz orgoena signa repegalmar b user mode uni orgoen penama nauszobamena; Single file subsystem nogbassem nenegobarno go 6488;

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Static\_int ct\_open(struct inode \*\* inode,

struct file \*\* file) return seq\_open(file, &ct\_seq-ops); 1/20 go-yuu: static struct seq\_operations ct\_seq\_ops = start = ct\_seq\_ start, // Bce этип до-изии next = ct\_seq\_ next, / gamenu Sumbonucanu stop = ct\_seq\_ stop, / zapanel show = ct\_seq\_ show static int ct\_seq\_show(struct seq\_file \* s, void \* v) printx (KERN\_INFO "In show(), event=%)\n", \*(in+\*)v); seq-printf(s,"The current value of the event number is % \n', \*(int \*) v); return o;

```
Static void *ct_seq_start (struct seq_File *s, loff_t *pos)
       print x (KERN_INFO "Finter start(), pos=%/),
seq-file pos=%/u \n", **pos, s->count);
if (**pos>= limit)
            printr(KERN_INFO "Jone\n");
return 0;
   Start () - navano nepegoru gannux;
Ykazamens pos m. б. иницианизирован о
(качано посл- пи передаваеных данних);
show () - передача данных;
next() - увеничение указателя pos;
// Impayennem Bapuaum:
static void *ct_seq_next(struct seq_File *s,
        void *v, loff_t *pos)
       print k (...);
(*p03)++; //ylenunemie grazamena
   Ocuobraa zagora stop()-ocboonegenne ramanu;
```