tournou a objanusi nopagos batim monitor (host byte order): cm — un. (little endian) обранини (network byte or Jer): (big endian) M. ---> CM. Cemu onepupyon nopuramen a cemebonia agrecally; htns() - nths(); short-guangma; long-guagneca; hth L() - nth L(); (emb & Combette) Cemebou cmer. cepbep Kullum SOCKE t() socket() bind() bin d() - (ne obozamoubue) listen() 6 Cocm-uu naccuses. connect() -encug-A accept() read() write() write() tec v() read() send() Suen Grago send toll rec v() 52nd() recvision Kyncek recoming recvision sentmsg sendtol Calle galleum recomsq sentmsg Unlink close() (pozpod Coegunenus close(1

SOCKet () - cozganue mounu coegunemus. Bozbrawalm grawobute geckrumon; Corem - oneis parier (y new econo inode), naznavenue Komoporo - obecnerence coequienna; AF_INET, SOCK_STREAM~ cemebre brumsgeneralise
nomenous TCP; 6: n d/clorsolbalem cokem c agrecou (cemebru agrecou b aujuae cokembr AF_INET); int bindlint sockfd, struct sockaffr * addr, int addrlen); struct sockattr_in-eemb nace, nopm"
u, comebou agrec" (y nux gouncen donne cemebou
nopoigon dawn (hton); Ha ceptene borzob bint () odorzamenen, na muenne-- nem, m. r. ero morrou agnec racmo ne urpaem никакой роми (если bin f () не вызывается, адрес назначается писентам автоматически); Umax, ceplep pasomaem u negėm zampocob om xulumob => 11 sten () ungeopungem & o man, uno on romobiguementanto coequinence (unlem ausia maloro que momoració, opulumupo bonner na coequirence (TCP)); int listen (int sock Fd; int baclog);

connect ()- mueum yemakabubaem axmub-noe coeguneuve c consennou (c cepbenou); int connect (int SOCK Fd, Struct sockaddr * addr, int addr len); Aun npomoraia des coequienus (ranjunen UDP) connect () moncem ucnoussebamean grayuazanus agreca naznavenus beex nepegabaluas naxemb; Eau colquellul yemanobilno, na emopone cepleja boyubalman (coequiende yourseno) accept () - cepleja njullulalm coeq-e, moutero ecul on noughlul zanjac na coe-aunenul: quireflue; int accept (int sockfd, void* addr, int * addrlen); Korga coegurerue upunumaema, accept () cozgaem <u>komno</u> ucxognowo conema, umobo cepbep mor npunumamb gryme coegunerus; Ucarquoin comem ocurainca b cocuramun listen, a konun dygem raxogumban b cocmountuu connectet; accept () bozbnauzalm goandobin gecyumnon nomuu ucxognoro corema Expane (mubera econo enje Maprin)

Emb cocmonule coverna, a ecmb comonue momonaia; Bce coequienux noggepneubaromen annapamno; Thomorous razullatomen no ypobusu. Hunculu ypobens - renocpegembennoe bzallioget, emble cannopamuou lacurso (carroe bancuse); Cemebre conemic c supromuniency obanieu: Мультительные- альтернатива иногото-точности (созданию дочернего процесса/потока для обработии капедого соединения); Muncence Agno = establishing connection system call Creating connect() = pool of EINPROCESS SOCKEES Which Will = establishing connection system call be handled connect() = inselect EINPROCESS p00/ system call > no fatagram
ready select() process blockincalls waiting for one or many return readable SOCKETSED tatagram ready become readable 995 tem call recvfrom() > copy datagram process blocked return ok While Jata copy complete process tatagram copied into application Ino gemanyyobankan czana uz molliloro ceviernna: "muenne bozabarom con rect() u cozgaémen nys conemos;

Dus conpaigenus byeneru Sucrupoban cepbera
b oncugamun coequilmus ucnoubzyemen select()
(nona coequienue he boznukhem, cepber Sygem Suckupoban na accept (), n.e. Sygem b cocnjounum naccubuoro oncugamus coequienus), m.k. bpena yomakobullus coequienus co umoumu kunemmanu
bezyonobno mensue, rem c kancysun kompemisae
kunemmon b orgegniennoti nocu-nu;
b rezyromame select() cozgalim nya coepunenia.

B rezyromane select() cozgalm nyr coequinum. Econo mangoc, komoporii "reanyyem" na bozemnu-benne xoma on ognoro coequinemna. B rezyroma-me sygem bozban accept(), komoporii noccegobamens-no nymumaom coequinemna.

дия согдания пула соединений монско использовать массив;

Annuer uz knum Cambena (+ unp.h): Dun kancgoro governero coequienua cozgainan governum morsecc

Mysmumilucop organilibalm colginencia. Korga colginence romobo, ono govacinjeman syran ({aicm. bozoba})

int main (int argc, char ** argv) int listentd, conned;

pid-t childpid;

socklen-t client;

struct sockaddr-in cliaddr, servaddr; (manumna UNIX'ougob) listenFd=socket(AF_INET, SOCK_STREAM, 0); bzero(&servaddr, sizeof(servaddr));
servaddr.sin_fam: |y=AF_INET;
noumanno servaddr.sin_addr.s_addr=htonl(INADDR_ANY); servador. sin_port = Ltons (SERV- PORT); bind (listenfd, (SA*)& servador, sizeof(servador)); listen (listen Fd, LISTENQ); for (;;) clilen = sizeof(cliattr); connff=accept(listenfd), (SA*) Acliaddr, sclilen); if((child pid=fork())==0) randinatom namonno logne close (listenfd); Manundensur exit(0); recipcus cuementos close (connfd); Inocoeccuonare return o; brejbejoorgnegs govacen gynamso pecyncax

Mysomuniercopos: sélect pool pselect épool Slavucamo uporpariny c cepberain Bymyanonan goarnoban cuemena proc. Bupmyanssesser ~ Kancyuzenica, bozumensin; 4 nopuebou Kamanor proc ne abn. Monnupyemen go. c.; nomorly a buymysubland Tel noggupermopule a gatules cozg. mu oppousemme, unior megormalumo unapermanenous compreny signa; proc ryncus que moro, umosor <u>brencuie</u> nonozobennema M. S. nonyumo un-commenzativo o cuirmene u eè recypcan (ranpunep, o ryepubanuex); Процесс иопсет получить информацию о самым себе. Pazpa Som un nomiconcencia Moncom nougumes un opopulaziono pecypeax, nomopoil zandualm ero morrandia d'emagni bomornemia;

Kancgsin moyecc & proc weem noggupennymin: /proc/<PID> (Mumanus & manyane) MO Proc se/F mux nogramanoral Ma camon glue benome /proc/<PID> v Frewerm Thun Concanne Указывает на директорию cmfline geath mouecca симв. CWd Coglyncim cuicox oxpyncema spaller environ Указывает на образ процесса cumb. exe CCHUKA Coglywoum communa gratuit, fJ gupernopust ogenneum chucok remetros graun maps Congaiennesse morsecces gracmus namemus beyom. agn. nn-ba.
morsecca (gunnessecces morseno)
morsecca (gunnessecces morseno) remonse an briangard BUMM. agn. Mr-Ba marlett u znacenus companuly) à gouz namenne brigenemena no mensiballiso page fault; 7 page map gather (modpancenue ranczoti bujm. cnyranungeragn. np-ba rpoisecca na govizu-ческий дореши или область свопинга Cogepucium nogglipeumopilie 8 tasks gupenniquis cuub. ccsuka YKAZEBALM KA KOPEKS GO.C. MPOZECCA 9 root graun Ungognusyma o moyecce 10 stat