muchie possival fully

Vzajemné vyloučení pro více CPU

- Role nož rala radiní přemžení a fřepruhí harbedu pu CPU nijah pepomerie zálihor palm
de KS mohor radupoval proceny R záných CPU - planovan' pichilowin' presen - peremphism' - OS ma' mad fichiloraisin place howbelle a mine previsid (preproud honder) letylline 'mepreemphison'-horled se fregue ar long proces dorone,'
co chiel a rebone OS ée prince frépront - levishodobi vyloriem'- bre i ablien' celeini a povisih' abomické rindenku a toeba opin lodu o povisihim abomické rindenku test and set Gool test And Set (bool Sky) { void Spinlock (bool flag) { bool tmp = flagi While (testAnd Set (flag)); flag= true; return to trup; Gallin' aldm' - y bor blownim' a maisunt' ale je ale slaismut' - dharhodobé vyloviem - pousirai se linarmi semafor a mules Bihathi semafor - richalhu po raginare roglaciam na prod po signalizaci (rum budon or romani a poses zi bode zen odernskal al zizm pocemim nico signalisoral - kologi dustrail odernhue a mileto sessona medtel sormed sul se lo abrahi jut so namai positudlo) a hub na writerium nigisla lapared => ma hybo chi vici zi oberný remakou

- pouse dra stany - odernieno a ramieno a obsahují prostu čekartelu - i po basiém je

- operace lock(), uslock() a irit() a lock() > lepin oberný - opence lock(), untock() a init() a (ahmile) destroy() destroy() - odombrond mise mileto zing mei hen co punhe unlock() - chran whereall me bobe her boundant - gin mulex he mai I trebe forcen zin orthoping obs

KS a miso obstanin' a orthydda

a jichen forces y two faith

trebe kof fanjele faled blet... - pthread-mutex-t - As Posixa - ochembron mise in hen les sumband, hato sodfordard bed mun' frenoritelma'
- obsahaji ridentifikular teks co sumband Mutex Nerhousen's hushed cirluice + Minhole
y make hale wait() a signal() Obechy semafor - No UNIX u num a runburryi se monito - operare init(N), down() a up() - obouluji číselmou hodnehu Morn'se mostmuje při sinicialismi (N) a hu sinsu jehu smi'dung sematos Raparila - do Ks led mire marile voloupil are N process - zi ho velmi volodné po si agnalizarei, pao simularain kaperily nebe po basiehu kele un sebe proces colon nes se viiche rejchon paren Edlag suz se som cem region

- obsidaji rave frontu Elkulelio ale suobsidaje identifiladog tich co sambuli, to sui jin suutee

- up () sujinzi to fritudlo a filad sükeli ji pozarlaran a čela re fronti tal zej syjme a robori de famt fripmensch

-down() se dinn' justi si N>0 a lety jo had smire a forming or lety me' had se robori
de front celeng'cich a da' OS videl, see bude celad a see smire preproud losted (2)

- Obecn' sesselv men' volodn' pro von'jemné reglonien' police lebý se milade omylem provede charlost up () tel se opli de KS squoti charpary monen -> ma Nobo que pujlepsi himásn' sessafor melo mules - mel heje pombre 2e výcho finos - ho monjistime hom ha salmet fatou' - policed of mil jeden a hen som proces reclared (redurnine) rounghal jeden Rosmel had se No sealingi zah aitat reture - semulo se mire odentul hotzi gi inthe reture = 0 Deen remejor fra voagemen reforcen' & mil No 1 ale jet più volodné la ment had a autholila chiardin - Micha befor fever sembre a shorer' And merjeshine se to sembral proces co shoreil probate han sun' sereden beto sembral a memi se se la sgresis - se sundern' ano => dealloch für mhorien' - no mulusur se he rien' Hoblem inverse priorit - mire mushed publim sie de system pijete fines a moumber zi ale nun'mishon priorita a tel soe frogen housell a de KS chee frizil pros s rezis! prioritan ale numite putite zi armbul ten frozes o missel prioritan a ten zi ale neodembre putite medostume from protose ma madon frioritu - rigide formit rather fromsen - nice CPU detent frions - polend gim o planower forces let se notion len o nejecter frioritan

a ha re fietell'home forces co sile clo KS

- neithdow zi he rie se ho mun'hladed he privila mo

- rilada zi ee holy ham earder forces nejson hat se nie nevertungi a

odhodu' rezizi odpodu resizi horn' mus priorid - prioritu se mustariz void su nijohon mijupin hodustu klern numirie mid

- reichz' proes

- reflector zij se se mic publichi' - mughodor zi se se se se sustavoje niphierod i holy o odbiu dubih procez region a fradi - resigi - algorithm; · Elemini a pionii - when the a mitale rusmi supisonal - you giden propingi a milde mesmi cish an propince a lovement a producent - probeent probely a homent havenny' doubt han - holy go for had produced away probaboal · 5 filaspi recervered - Evideral - si he led simplementoning gilo monitor - ohr jeden medek a zichen poliminte on čeledni a. zichen hodrola OBECNY SEMSFOR U POSIX - pomori monitor typedef struct & C mbla & M. GA quene pthread-cond-t condi pthread_mubex_t mutex1 void down (semant sema) { ind value poblicad-mutex-lock (& sema > mutex). 3 sema-ti while (sema-> value <= 0) { void sema-init (sema-t * sema, int value) { psthread-cond-vait (liseme scond) petmead mutex_init (& sema - mutex, NULL); Esema > mutes) phread cond-init (& sena -> cond, NULL); sema -> value = value; Sema-svalue -- j phreademuteriumlock (Seemas muber) void up (sema-t "sema) {
pthread_mutex-lock (rsema = mutex); per your short ++ sema > value; pthread - cond - signal (a sema > cond); pthread - punter - un lock (2 sema > mbex); }

