19) DISTRIBUOVANY BROADCAST A SYNCHRONIZACE V DISTRIBUOVANICH SYSTEMECH Broadowst - mijely weel/process sousle sichen spraver men viechen volahu' perly hopologie - haida' sprava dosahuzi selwenom' cirle a odesilalele (lumpst) Synchronizace - paracay wsport down mesi neldolmi pomoci synchronizacióch - No Raimer system jednohe se solitenou posich lee poweil semafory monitory. - no suplément blere join distribution vane ale maje bout any protiede le bre realizable pomoi nyslému ADA in LINDA - so systémed bleré goir chirthiburarie a memaji puéhay solileny protiedel ale per synchronisme so: pour ensiloz' spenios si siduoce stouteja - son hi rpurdy: 1) synchronisure globalum (realujum) caren 2) synchronisuse master welen 3) synchronisuce Rahvierna' sen shocké men frousy pover'l marker hoding a ruigle 1) Synchronisme globalhim (realmym) cusem · Benkley algorithms · NTP fellocol (Network Time Protocol) - mayi. fres UDP nysíla abhailm cus ma · Mana. Il alavithmus Mullicust 2) Synchronizace muster whem - jus wich blery wel buch marker a buch rynchronizord viechny oslatur? = algorithmus Chang and Roberts (usel) ma' miluthi UID - rogbere se negrithi - Ado UD re raine dokula posibal oili a pohud wel mui rojisi mui piislo hab posiba suoje pinat lo co mu piislo - ne doublem hole De vis dokola posíla sin la nejvitor 3) Synchronisure palviena na shochi praesu - algoritmy palozené ma časových rasílkách: Lampothio algoritmus + optinalosoce formoci RA algoritmy palviene neu tohenech: Raymondie stromory algoritmus Lamportovy hodity happend-kefore-nevelleine circline urpriciolism' brome aum - her portovy hodity fyzich / realing) cao ani paidry morder usel repriche 10 process - nevyraine ne ami globilm' (fyzich / realing) cao ani paidry morder usel repriche 10 process - lovich weel / prous ma' sroje vlashu' logiche' hochiny blue bezi' russue rychle - hybo hochiny si wely marza'nim synchronismi postla'nim sprin - ale in ma chrili - lose no con relaci habbend-belo. - palvieno ned relaci happend-before rure ise passe trosulteion is special byla neighbor odeslava a are potom doucena - proces posíla spolu se spatron i alhailm' slow say'ch hodin jako časore suzillo - druhy pieces prijme a poroma' hodnohi mých hodin a příchor časové rusího a větsí 12 mich marton palso sve hoding a interementing (+1) (A and fred A peluce happend-before je mereflucion Cárliché respora clara TRANZITIVNI jertlise A je pied B And Brum pied A 6 2 7 - 4< Ba Mas nechal snopi a gin inhrementoral 6++

4 107 -624 a dat nurslenil me hoding nur 6

sixline A fied Ba B fiel C Al A freel C

Lamportur algoritmus	
Lamportie algoritmus - algoritmus pro mom prishpu do KS mesi dishihamujmi usez p	smore parily
ppiair	· Carra Buch
- Rabana ha FIFU pasterin april a continuouni	(1) 1011
- se bookiet som exemune seriesem solle care il su cel	Thomason circle C. Tracon
- palizens na FIFO posilión apriór a dorniconíní - sarioló preus richiony lobalni prioritm pronte o parcholi Ole KS - probles (- re frontich son parminny seriosemy podle časových pracéh - pohod proces che olo KS hat oh sre front relión sebe a ovou fronte procession	sele voem oslahim
- Sarich' proces represent some fronte proble holes co men fishe a poste odf - proces as chee do KS si poste ma visestry odposichi a podle mich a fronte	poiet se swe franka Unalisyi swe
- politi se po přijeh a alhaboraci prant ve fronti hab rodupují do K - ma honei KS ne rogjine R front a posle visem ortalním peranism si ji pase akhabirný a politid spin oni ma rade his vohymý do P2 (12)	S zmal čela
- me honei KS se rogine a front a poste viem ortalism percenism	from a 5
Di jo pare athalizer a poud son on Me nade his whymy do	KS ald
P2 - parchard P3 (1) 1 ODPUVEDI - And a order	-11.
PG [[1/8]] - Ind a orlyo	(-roichen no may
P2 — princland P3 [(1/2)] — And a order P4 [(1/2)] [(1/2)/(2/2)] alticulizated P2 [(1/2)] [(1/2)/(2/2)] alticulizated P2 [(1/2)/(2/2)] ((1/2)/(2/2)] alticulizated P2 [(1/2)/(2/2)] ((1/2)/(2/2))	and
P2 [(2,2)] [(1,3)(2)] ((2,2)] - KS a molioni KS - whoping how pal P2	3
Land William (Can)	Y I
P4	lak nodupuji oli KS
- 1 pures the do KS => (m-1) addrsh' + (m-1) odporich' + (n	
m gr proced) -> lo je horně moc : (- riesi RICA procesi (weli)	
Ricard - Agrawala algoritmus (RA)	
$=$ \sim	imalipur'
- mixing poèt reprive R 3-(m-1) ma 2.(m-1) - poud prijede poècadavels a proces no re danny proces o poècadardem se feonte air pa him hab mu nepoète odporèd ale poète mu air mobrie => sluciusi apairez unobriem a set odporèdi Poète maria	
- pend project poradaver a prous no re danny proces o poradardem se	is priorism
=> pluciusi aparis mali in a poste sum ar mobili	ní ar vysloupí a
[122] [143] [143] [12]	KS
P2 In suposle odpored	
P2 (19)(19)(1) P3 (19)(19)(1) On posle ar mobile	
P4 Fun	
(19) ((19)(4)	
Raymondur stronory algoritmus	10
- algorithmus palvieny na tolum, sodo ma' tolum muice clo KS, ma a võichny wol nhang na rodici - ji ho strom	Butaklu jej ma
a vischuy with many ma hoomed - fit he show	1.
- there is walky but the contract of the contract of	sage is as
dojeton do horema - horen pus poste don shomem len blen de KS - poled pa'da' dulai has projete horen a sicle po bon of pa'da' boho Ido he sum' - ald.	of week volonger
ocida de la	I han home sel
for the sand the sand in	(2)

