

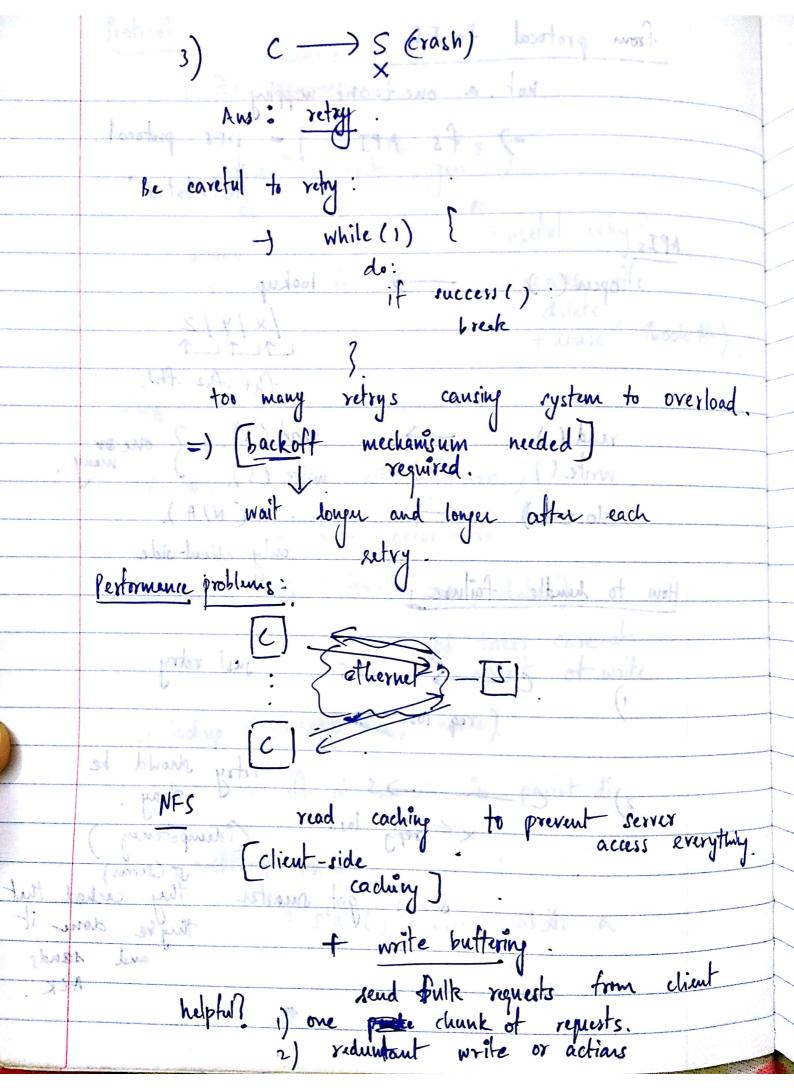
	Parale desiration.
	Remzis opinion.  Main Goal:  goals:
	Main Goal:
	=) transparency.
	Cperformance?
	deleting open semantics?
11	writing to them.
77	them.
	=> simplify failures. handling (server)
	fault into a
	performance blip.
	[client behaviour) just trys it (idempotency) anything had happens
	(idempotency) anything had temporens
	A later 10 Autoritate to hace of the 110 I stay to which a
	A = MTTF
	MTTE HUTTE
	reduce to Tavailability.
	[unifies packet loss, server crash].
	The state of the s
	based upon:  "statelessness" why? open files.  handling
	"statelersness" why? open tiles.  handling
	John La Aprile
	local - no problem , enter system fails c/s model -) partial failures
	c/s model -) partial tailures

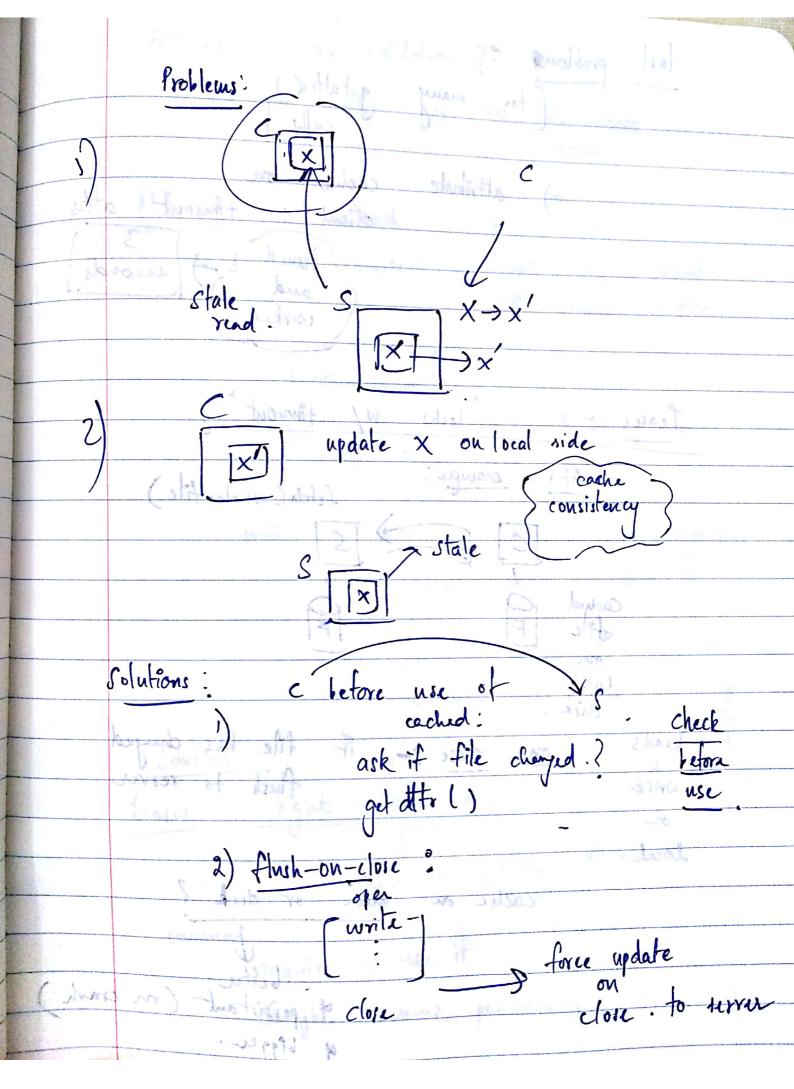
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Protocol: handle. (file descriptor) ( vol # , inode # , gen # ) which which sys?

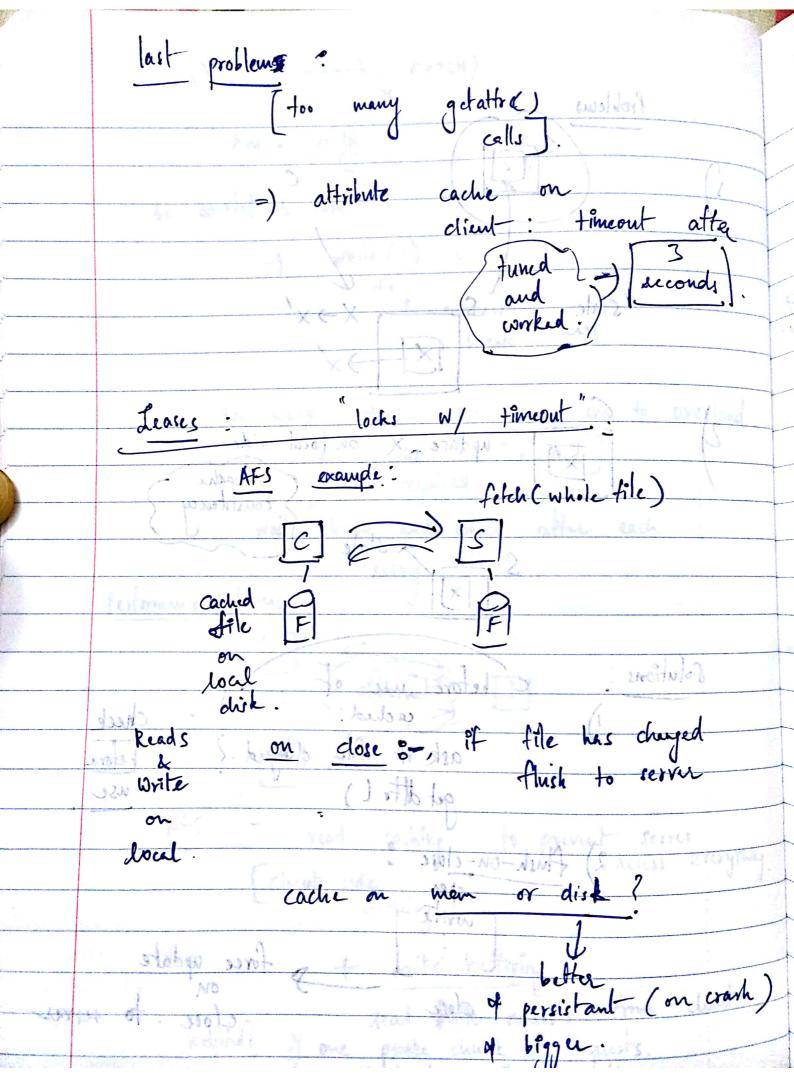
file file? (across of sys? + Rive mode#) Obressias) hillmen territory Kyldings ) seed (th, offset, size). angent bed = ) deta, error code. - write (th, [offact] size data) local -) of takes care of write. -) lookup (parent & fly, name) =) Ah of 'home" in parent dir LAZZ MARON SAN myo) getalter (fh) -) stat () syscall about a dist notice where meldery file for

from protocal to Fs: not a one tooke mapping =) fs API [= DFS protocol. distributed (1) slide APIS open () lookup /x/y/z fhi .fhz..fhs. in retire course Dref load of enstant read (s). 3 one or many. read () write () belove () (N/A). only chent-side How to handle failure? just retry reg loss retry should be okay. x exply loss (idempotency Server got smarter they cached that
they're done it
and sands ACK.





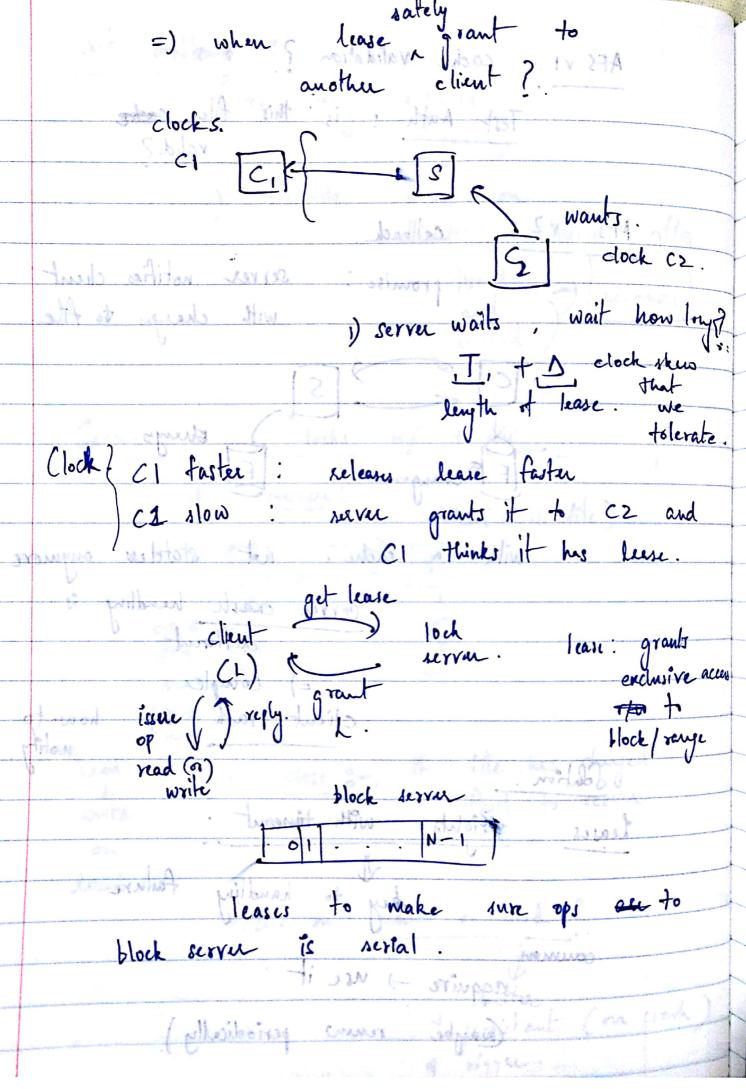
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AFS VI: cache validation? Test Auth: is this file coche ralid? AFS VZ: callback. server notifies client with changes to file. changes. with a cache: not stateless onymore server exact hendling is different =) complex. client crash =) how-to Soldion: rights with timeout. ky to handling failure. acquire -) use it (maybe rum periodically) release cor just let firmeaut)

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Problem: Race and structured even after lease expires on server. and s growth leave to another client.

Not serial anymore.

how to handle?

2) fonce: include lease into in request. rather than just relying on fining.