

3 way handshake	
Client	Server
	sync flag to the Server
	server would send back Sync Accept to the
	will send as knowledgement to the server, and the
	annel is established between client and the
Server.	
(LITTP)	
Client TCP	Server
	on-Persistance. (Once the data is received by the dient
	dersistance. The socred is closed and the client
	disconnects with the server)
The s	socket would not be closed until a time out until then
	channel is established between the client and the
	here is no time out function then the client has to send
Finnish to the server	manually, and the server would send back acknowledgement
to the client and s	socred would be closed.
	Server
(Client)	OS
socret API	Socret API Client Server
1	J Socretisten() Socretiaced
IP	This socret will be all panys active
Port	Port Socket listen!
Note: When the	e socret-acceptul happens, it happens in other socret.

Thread: Basically a	sequence of	in structions	that can	run inde	ependently
within a program					
multi - threaded					
Glient	Server				
2-Core	cpu ~~				
C1	DP, Port				
c1 2 threa					
Q		multithreadi	ng, each	single	thread
c2 2 thread		d handle			
0 8 4111 635	O dien	it and the ;	server in	gebeuger	1414.
C3	<u>53</u> <u>Co</u>	utent switc	hing.		
0	B	ascially w	orks li	ce a pric	ority
C4		Luew.		15	
Q		Tal 1		1,	
		T2 , 7	5ms		
			ms		
(8	1 * 82	Algorithms	Osed K	tor cont	ext
Ó		Switching			
	1)		phins		
	· · · · · · · · · · · · · · · · · · ·	) First in		<b>.</b>	
		10K request	per minute		
		(lok)-		> Server	
			d Block	10 K thread	3
		ia 1		J	
	A Time !	or a State	*	In-memori	y
	Which the 1		egisters	1073 of res	sources
	has alread	y worted		needed	

