@ Making Game Server from Scratch

[2017. 9.15, Fri]

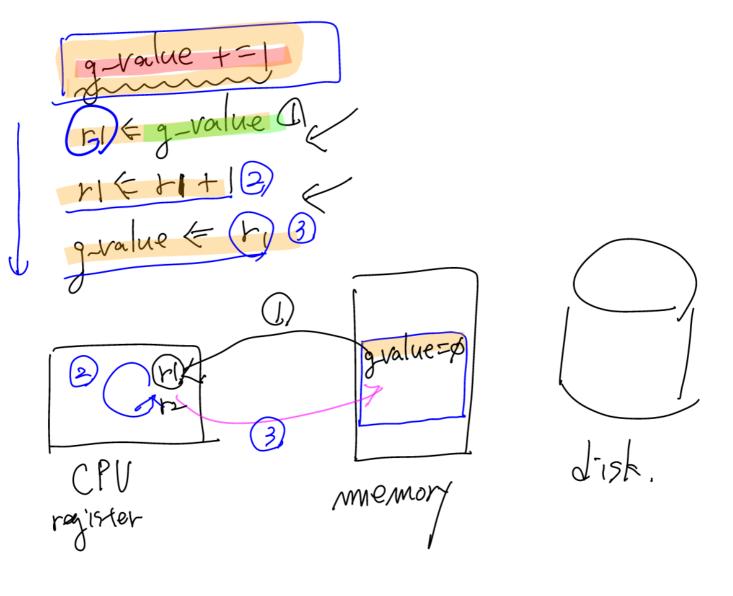
* install Visul studio 2413

* install boost 1.59 for Visul studio 2013 (boost -1-59_0-msvc-12.0-32.exe)

x install lua 5.4.3

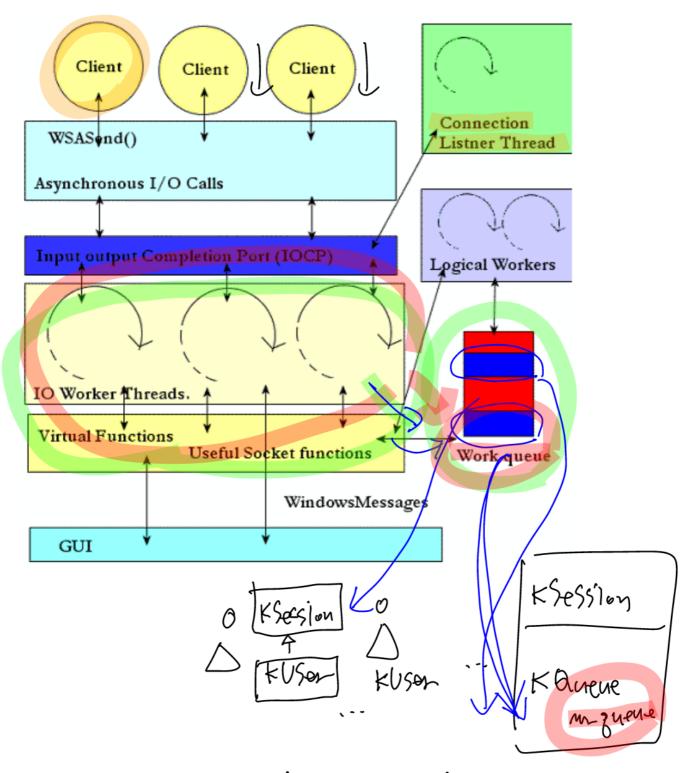
+ lua tinker.

@ Thread and critical section.



(2)hajin rie g-value end @ CPITICAL_SECTION wait El Set E2 * Dead lock (2019. 9. 16)

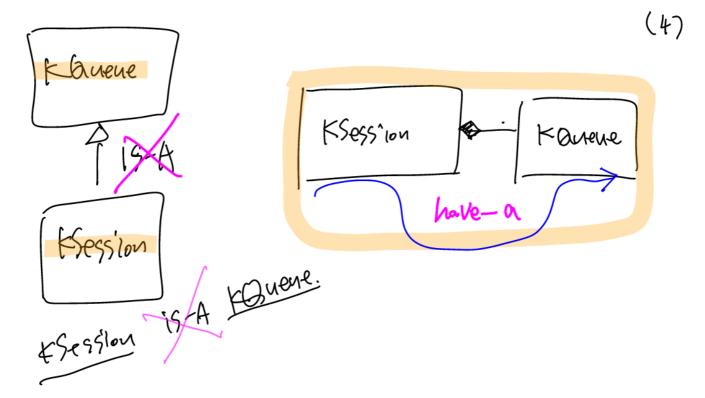
[2017. 9. 16, 54+]



* Single Responsibility Principle.

* KSession

15-A, HAVE-A



6004: : bind

* Thread safe Kaueue.

(2017.9.66)

[2011, 9,22, Fri]

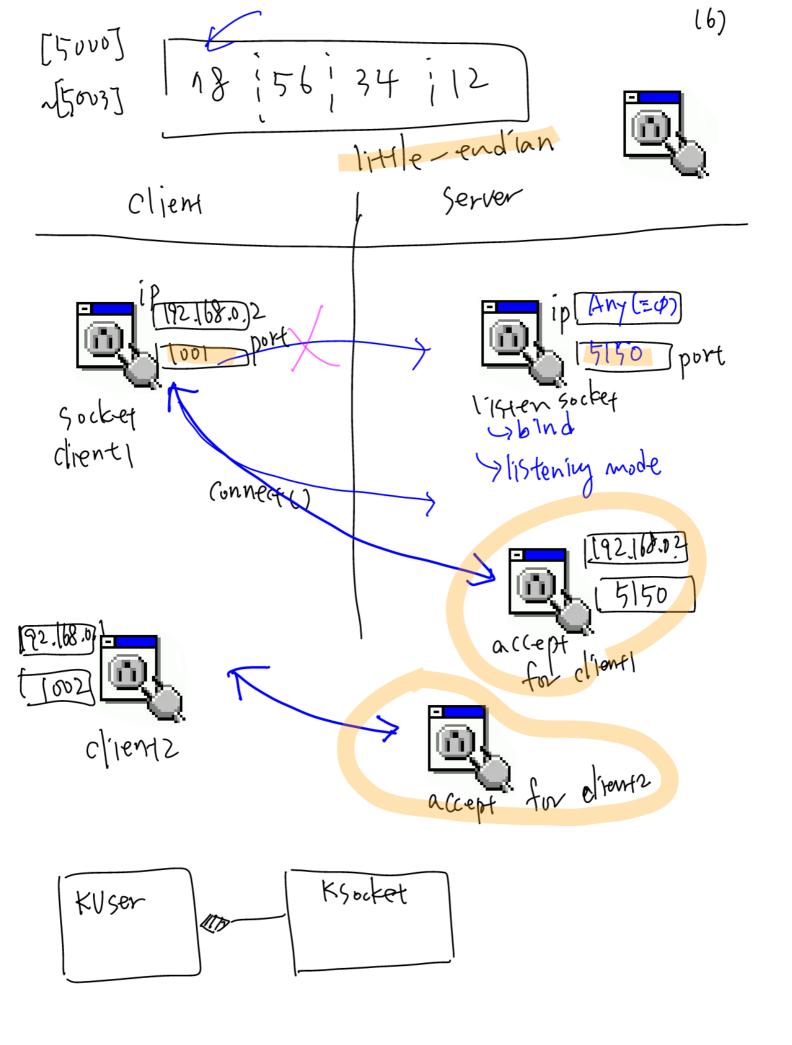
@ Basic Understanding of Socket

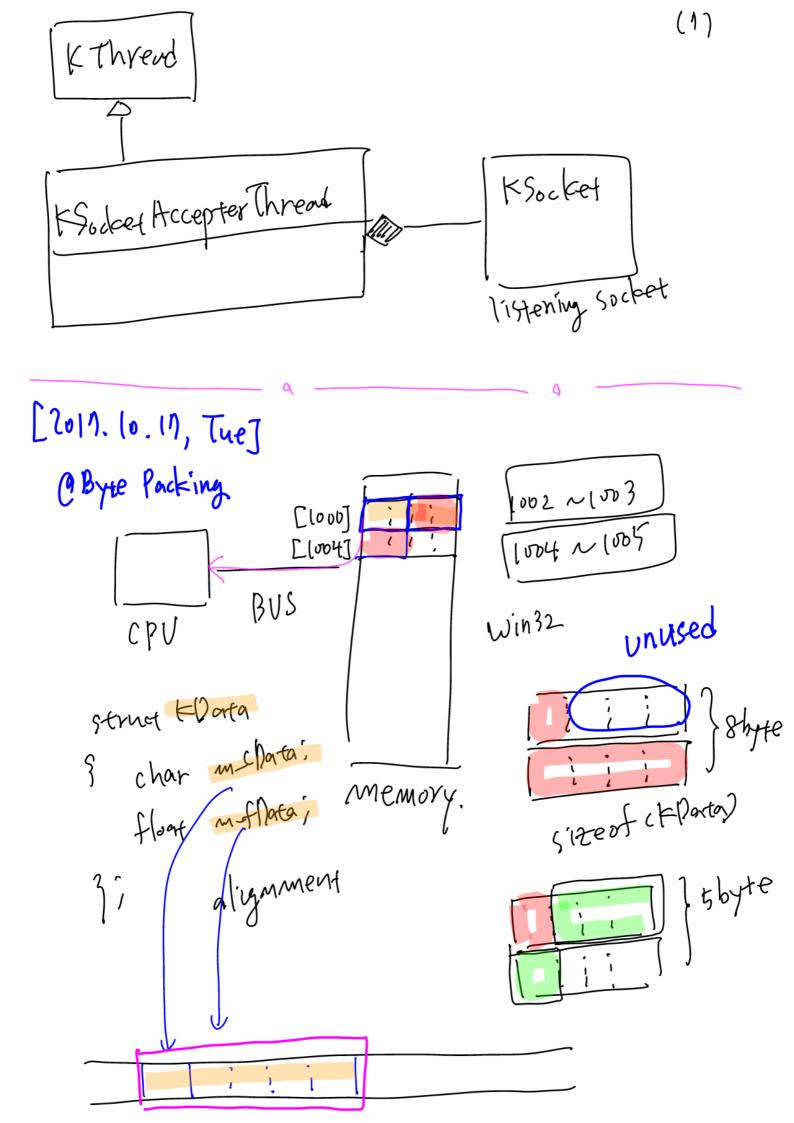
OSI (Open Source Interconnection) 7 Layer Mode

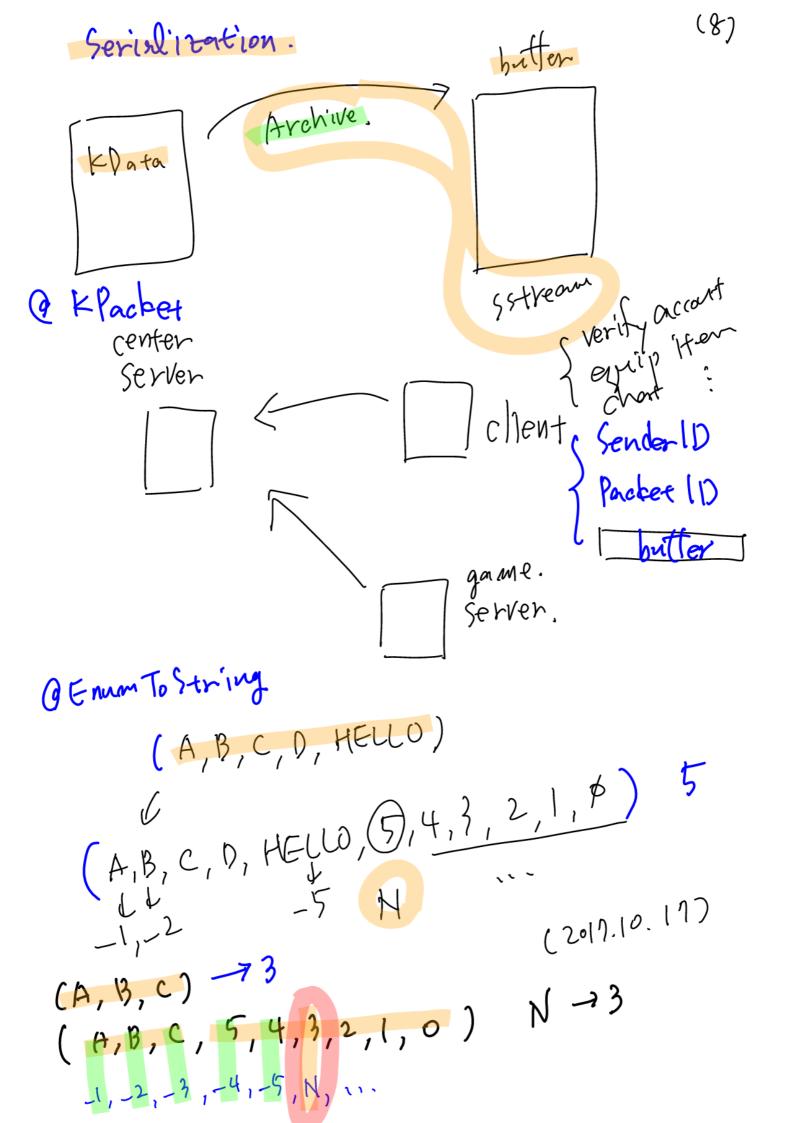
	OSI (Open Source Interconnection) 7 Layer Mod	el			
Layer	Application/Example		Central Devic Protocols		DOD4 Model
Application (7) Serves as the window for users and application processes to access the network services.	End User layer Program that opens what was sent or creates what is to be sent Resource sharing • Remote file access • Remote printer access • Directory services • Network management	User Applicati SMTF	ions		
Presentation (6) Formats the data to be presented to the Application layer. It can be viewed as the "Translator" for the network.	Syntax layer encrypt & decrypt (if needed) Character code translation • Data conversion • Data compression • Data encryption • Character Set Translation	JPEG/AS EBDIC/TIFI PICT	/GIF	G	Process
Session (5) Allows session establishment between processes running on different stations.	Synch & send to ports (logical ports) Session establishment, maintenance and termination • Session support - perform security, name recognition, logging, etc.	RPC/SQL/	NFS	A T E	
Transport (4) Ensures that messages are delivered error-free, in sequence, and with no losses or duplications.	TCP Host to Host, Flow Control Message segmentation • Message acknowledgement • Message traffic control • Session multiplexing	TCP/SPX/	UDP	WA	Host to Host
Network (3) Controls the operations of the subnet, deciding which physical path the data takes.	Packets ("letter", contains IP address) Routing • Subnet traffic control • Frame fragmentation • Logical-physical address mapping • Subnet usage accounting		Routers		Internet
Data Link (2) Provides error-free transfer of data frames from one node to another over the Physical layer.	Frames ("envelopes", contains MAC address) [NIC card — Switch — NIC card] (end to end) Establishes & terminates the logical link between nodes • Frame traffic control • Frame sequencing • Frame acknowledgment • Frame delimiting • Frame error checking • Media access control	Switch Bridge WAP PPP/SLIP		on all layers	Network
Physical (1) Concerned with the transmission and reception of the unstructured raw bit stream over the physical medium.	Physical structure Cables, hubs, etc. Data Encoding • Physical medium attachment • Transmission technique - Baseband or Broadband • Physical medium transmission Bits & Volts	Hub	Layers		, icino.k

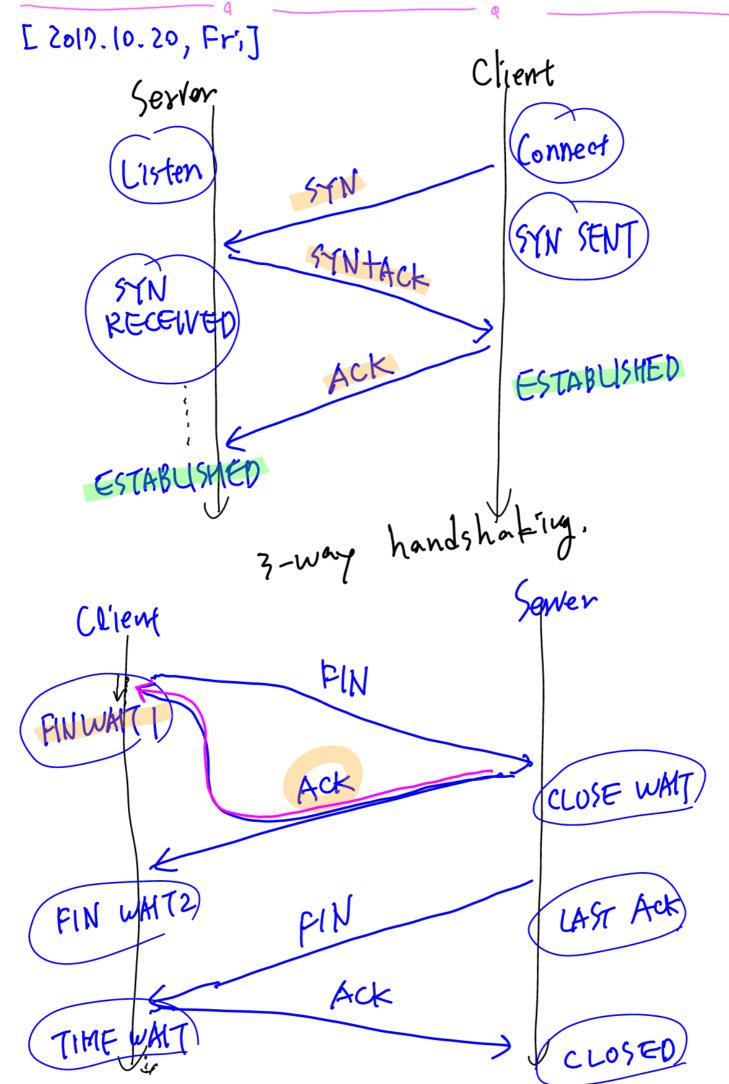
[2017. 9.30, Sat]











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(2011. (D.20)

(10)