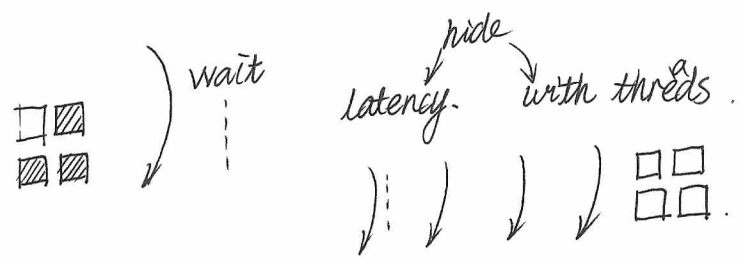


server.

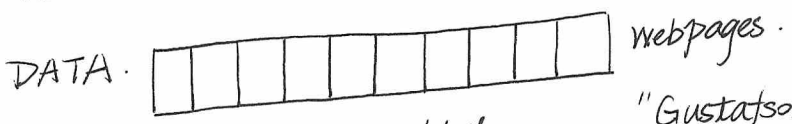
↓ ↑ waits for client request
 ↓ ↑ serve it.

↓ ↑ 1 thread for client

N clients → N threads



threads: //ism. hide latency.



extract word from. html.

Example: { Amazon : 500, 1435, ---
 inverted index. { Prime : 500, 234, ---
 { Android : 500, ---

"Gustafson's Law" in action.

"big data"
 → 1 TB.

thread 1.	thread 2.	SHARE ?	process	SHARE ?
Local vars (stack variables)		X		X
Heap		✓		X
File Handles		✓		X
Globals		✓		X
Code		✓		✓

fork(), spawn(), clone().

↓
 exact copy.