Blocking ITO means let's say we are encuting a process in a particular thread and that process is taking I some input from usery. Now the entire thread is achially blocked until and when we are coming back from the user and started enecuting the renaining steps. The thread will achally wait so, if we want to do multiple things parallelly we might herse I to brigger meeth ple thread together at the same time

> Process & grunting variables

two lypes

whereas it's not the case in NON BLOCKIPY I/O

Don Blocking DIO handles things in a very different way, He know this from the asynchronous nature of Js. If he rearned the Tarpitecture that there are set of T guenes

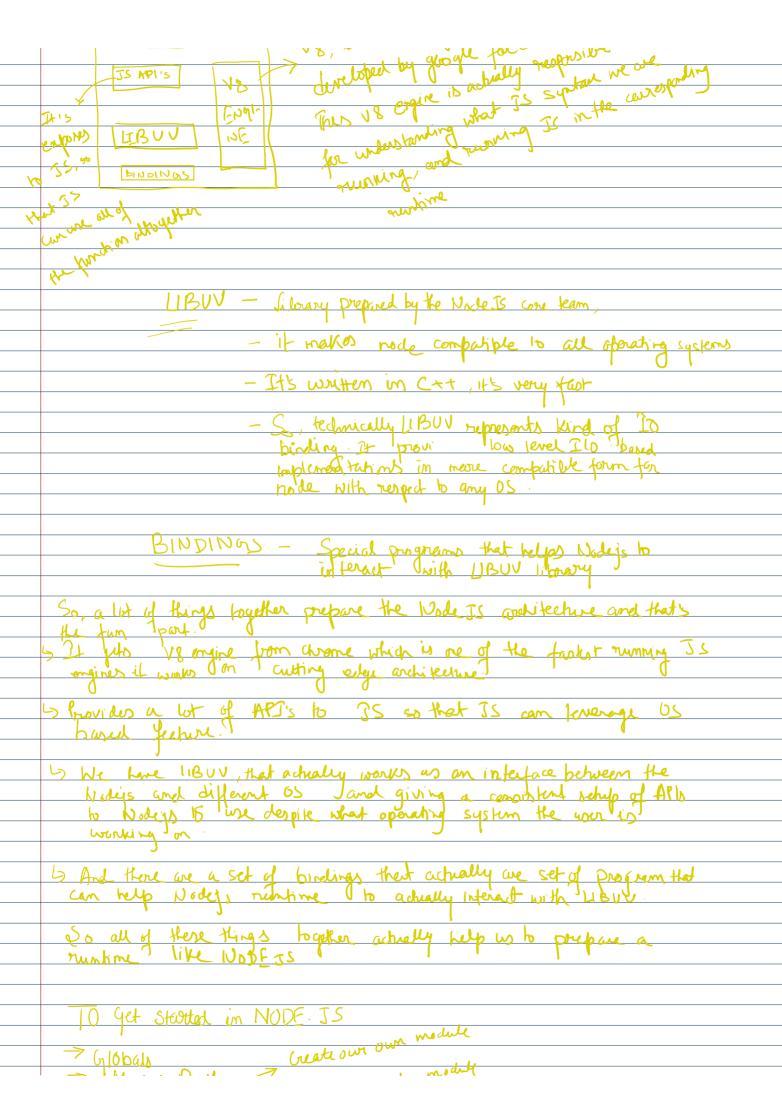


event

there is something called as event look runtime which achally enewles our features & from our adual piece of code me trig the run line meanwhile behind the scenes the event look is owning if the runtime completes it's features and theor is still smething toping on in the program it's going to parks its callback inside the queue.

ron-blocking For the same mechanism Nodejs, 210 works In Notify also there's something called as event loop, there are a bunch of queues that we can to maintain. Now airuly then we

The state of the s
In Notin also there's something called as event love, there are a
In Notify also there's something called as event loop, there are a bunch of queues that we can I maintain. Now actually then we
say I there is a nuntime and inside the nuntime I we send a
signal to execute a feature Rumline is comprised of a lot of
1 the state of the same of the
three it pravious a lat of Hebbures 10 33. 1 Lt's not
going to calcule intaken instruction you have given. So
there is something alled as Event Demultiplener.
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In order to understand event demath pleaser we need to first
In order to understand event demultipleaser we need to first understand multipleasing.
DeMultiplening: Distributing one signed into multiple signed
Multipliany: Combining multiple signal into are
- I continued interfect signed has are
And the City Angels and God in obserts a concentration of concentration
All the IID forther and heavy operations are considered as events so
whenever the and application here in this case 35 triggers
that it's a runtime feature. What it does is, it actually rigisters
a new entry in the event demultipleace and if it's I a callack
bured application it also negisters the funder is de it and it
starts executing the operation.
0 \
Meanwhile when the oberation is done and if the application is still
yesting executed then it doesn't hault the execution, it just parks
whatever was the corresponding handler inside the corresponding
queue queue
lunt me (event
1004
Event Denuthp-
longer
berny
[· / +0, - ·]
Similar thing exist in Nodeis as well. That's what maken Urdein
non-blocking Sovil we are writing our sowich house no dein
Similar thing exist in Nodejs as well. That's what makes Nodejs non-blocking. So, if we are writing our sowices inside nodejs we will the having non-blocking architecture altogether.
J Total Tota
What NODEJS IS MADE UP OF?
MINUTION OF 1
To preside , and
is a Is engine to drame.



> Module Mattern & we 3rd party "
> Streams
* Globals in Node. JS -
Global variable are available in every part of Code in Nodejs runhime. These are impartant for a lot of I features. Some of them are
> process global: if you want to access the processes running, the
envisionent veriable for that process.
-> - dirname: Using this we can actually access the current directory we come trying to encut the process.
-> require: helps us to require other medules
-> global
> module
Note: - There will be cases when some of the globals will not be available
> Never by to update your global object,
Joseph Jo