

Synchronous

vs

Asynchronous



You are traveling from one place to another.

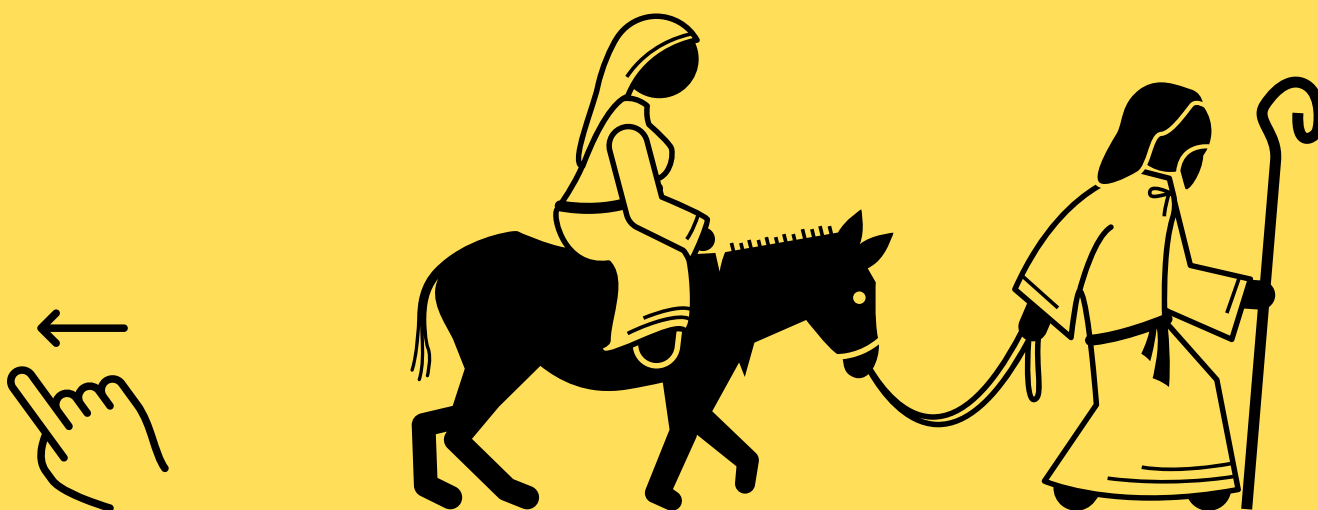
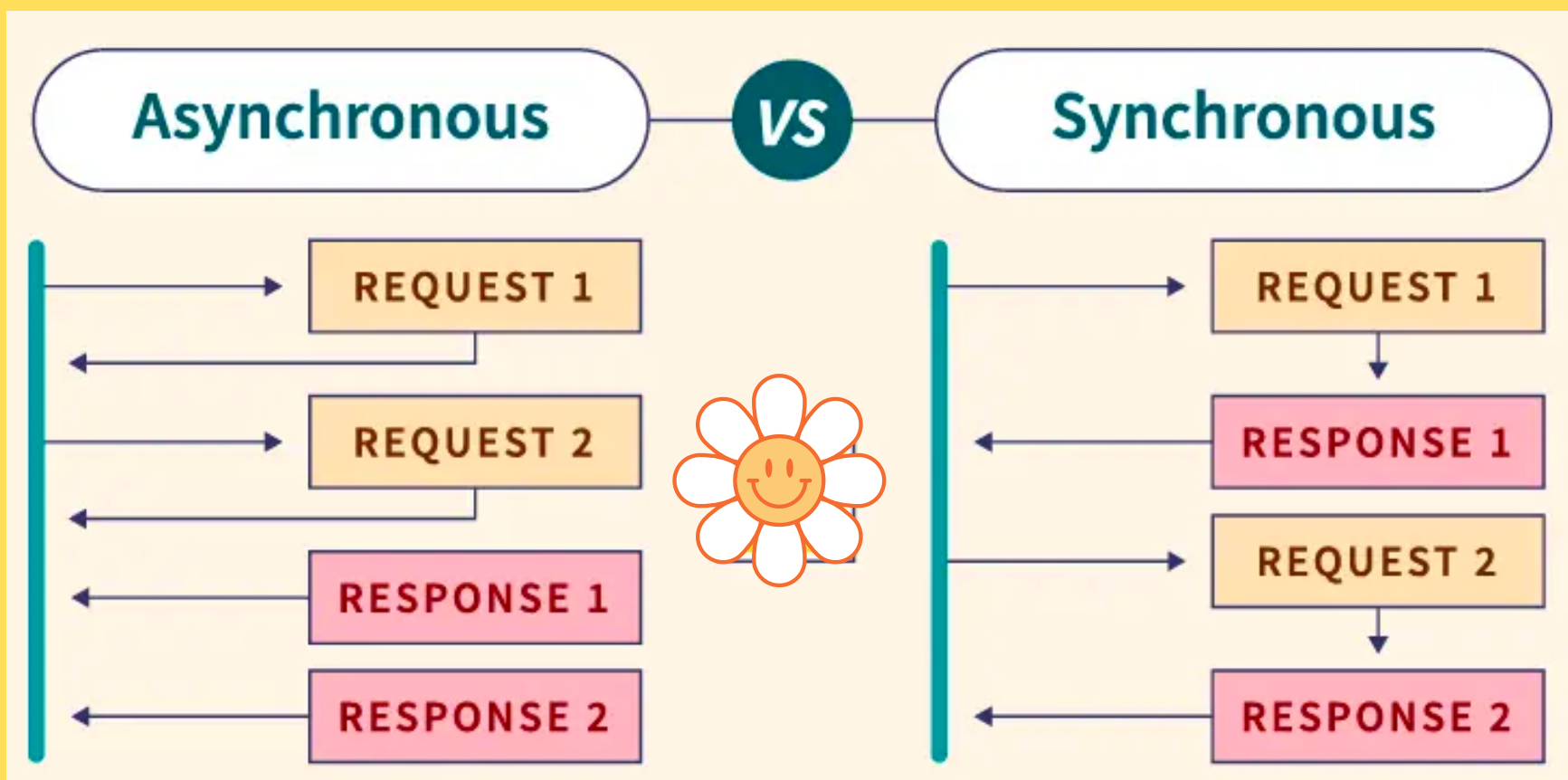


You can take a direct route, or you can take a detour

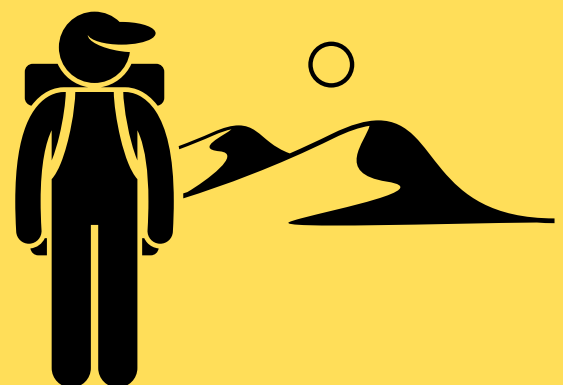
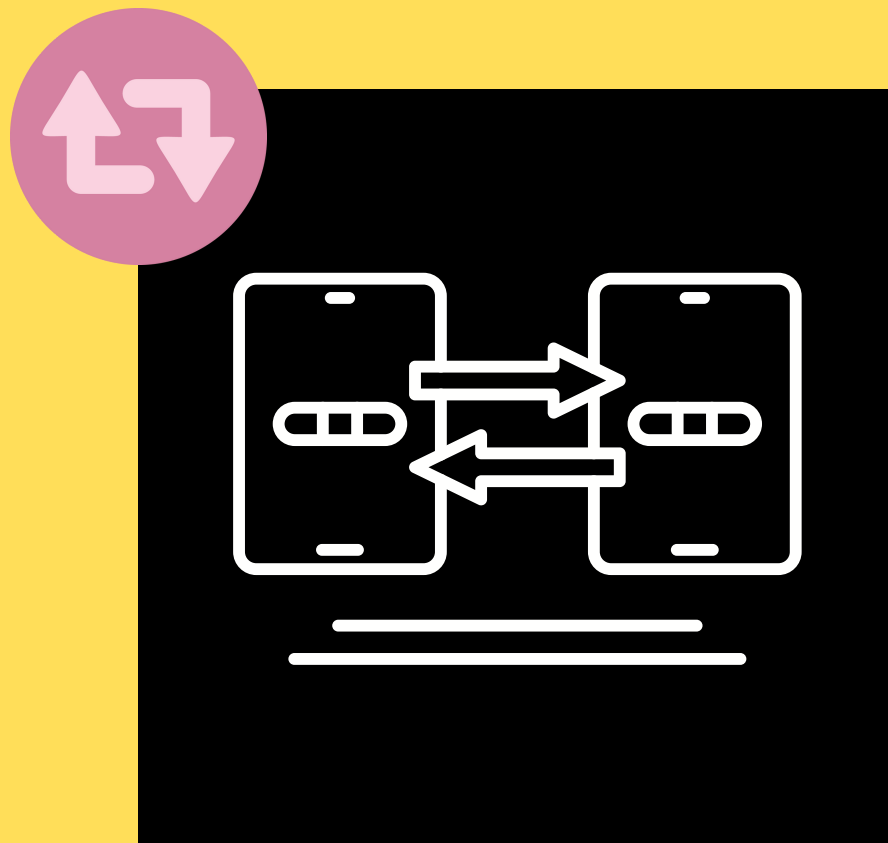
Each of these methods will get you to the same destination in different ways.



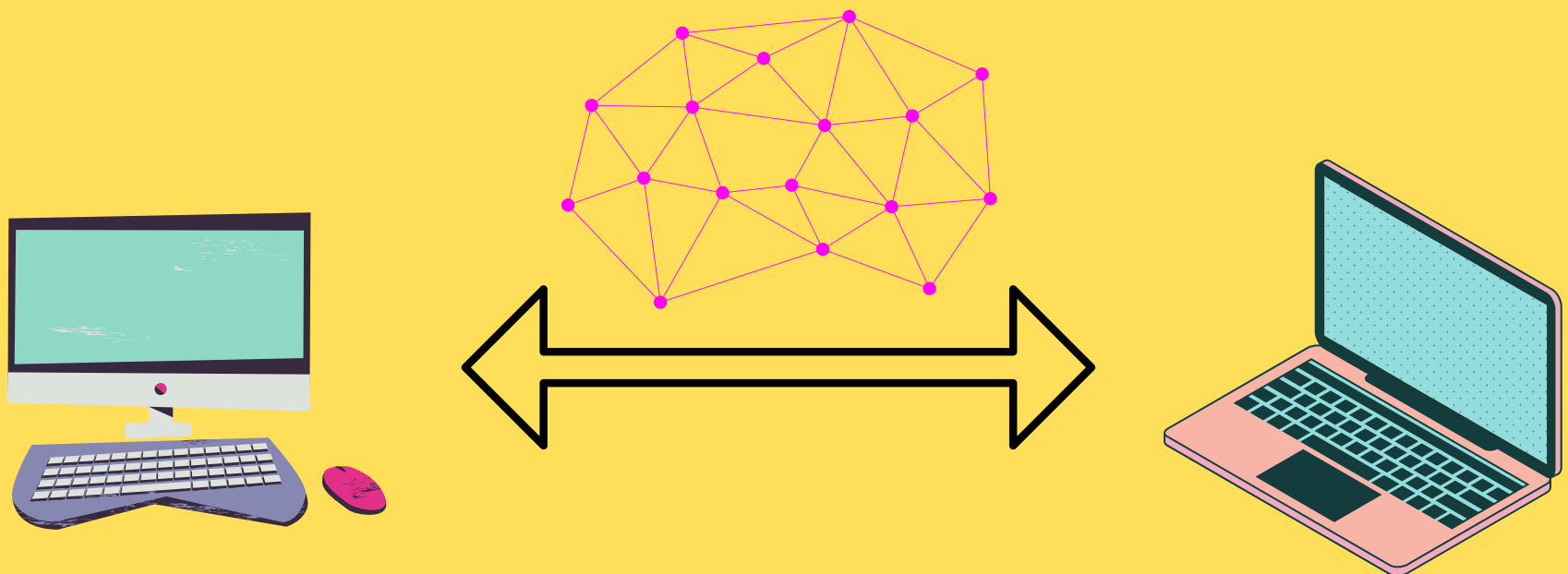
This is similar to the difference between synchronous and asynchronous – both are used to send data from one computer to another, but the way they do it is different.



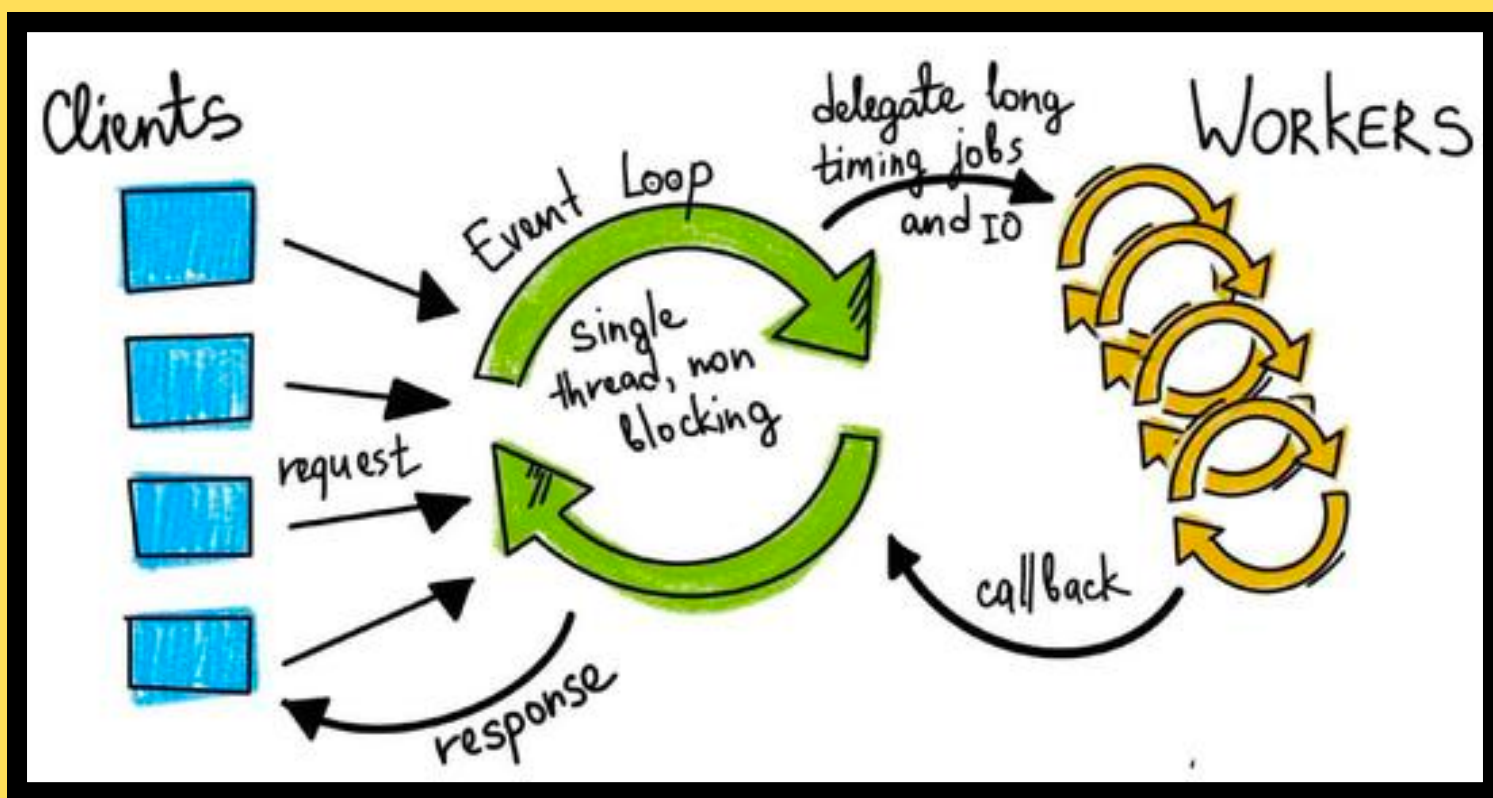
Synchronous communication involves sending data directly between two computers in real time.



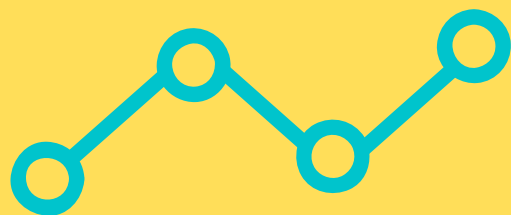
This requires that both computers must be connected at the same time for the data transfer to take place.



Asynchronous communication, on the other hand, allows data to be sent from one computer to another in an ‘on demand’ fashion.



This means that data can be sent and received at any time, regardless of whether both computers are connected at the same time.



In summary, synchronous communication is great for when you need to send data quickly, while asynchronous communication is better for when the timing of the transmission doesn't matter as much.





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What do You Think About This Post?

I hope this helps! Comment below
to let me know what else you like to learn.
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