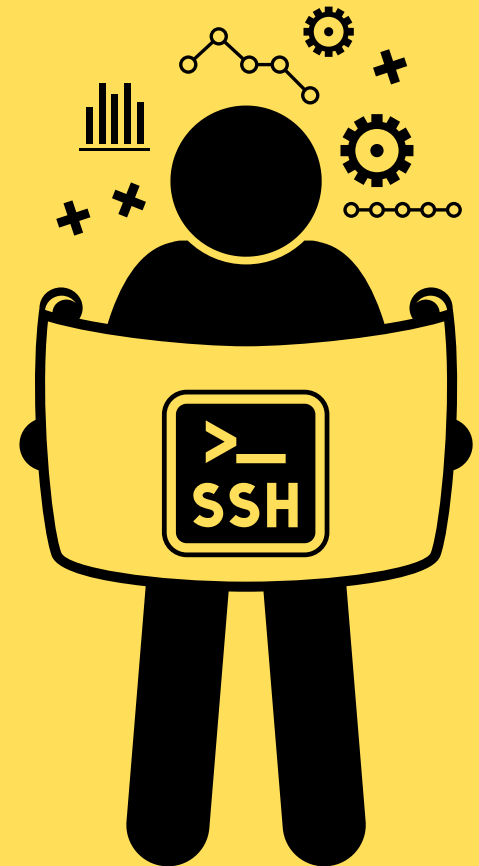


Easy Steps

How SSH Works



**Imagine you
wrote a
critical letter
to your friend**



And now you
want to send it

But what if someone intercepts and reads your message without your permission?



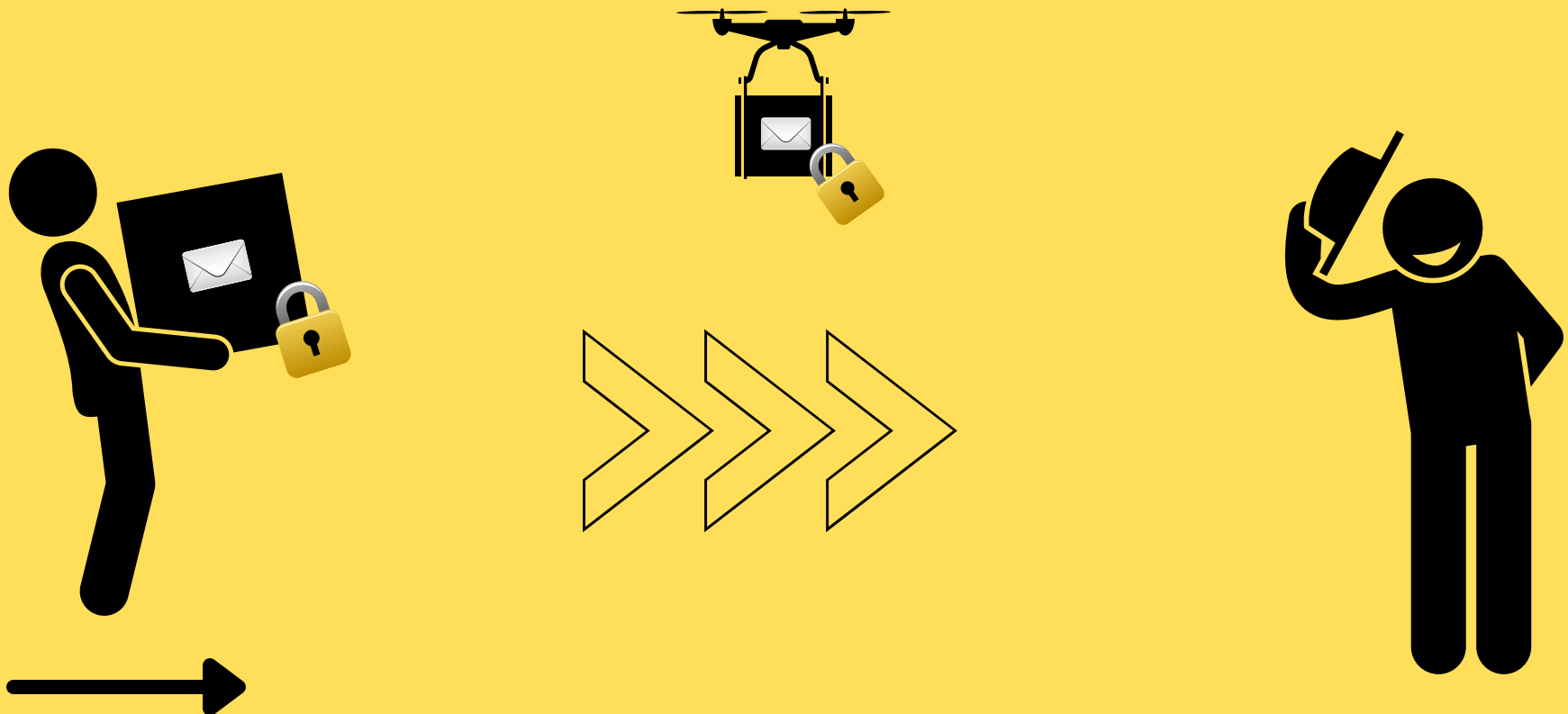
NOW IS THE TIME FOR SSH

Secure Socket Shell is a network protocol that allows us to access and communicate with remote computers over an unsecured network

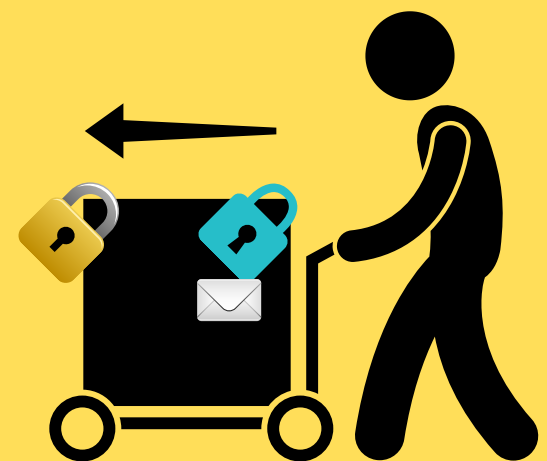
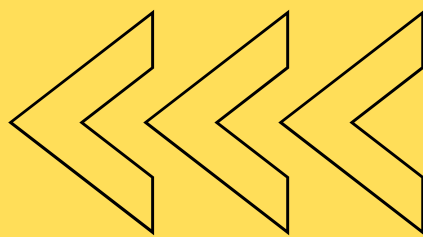


How does it work?

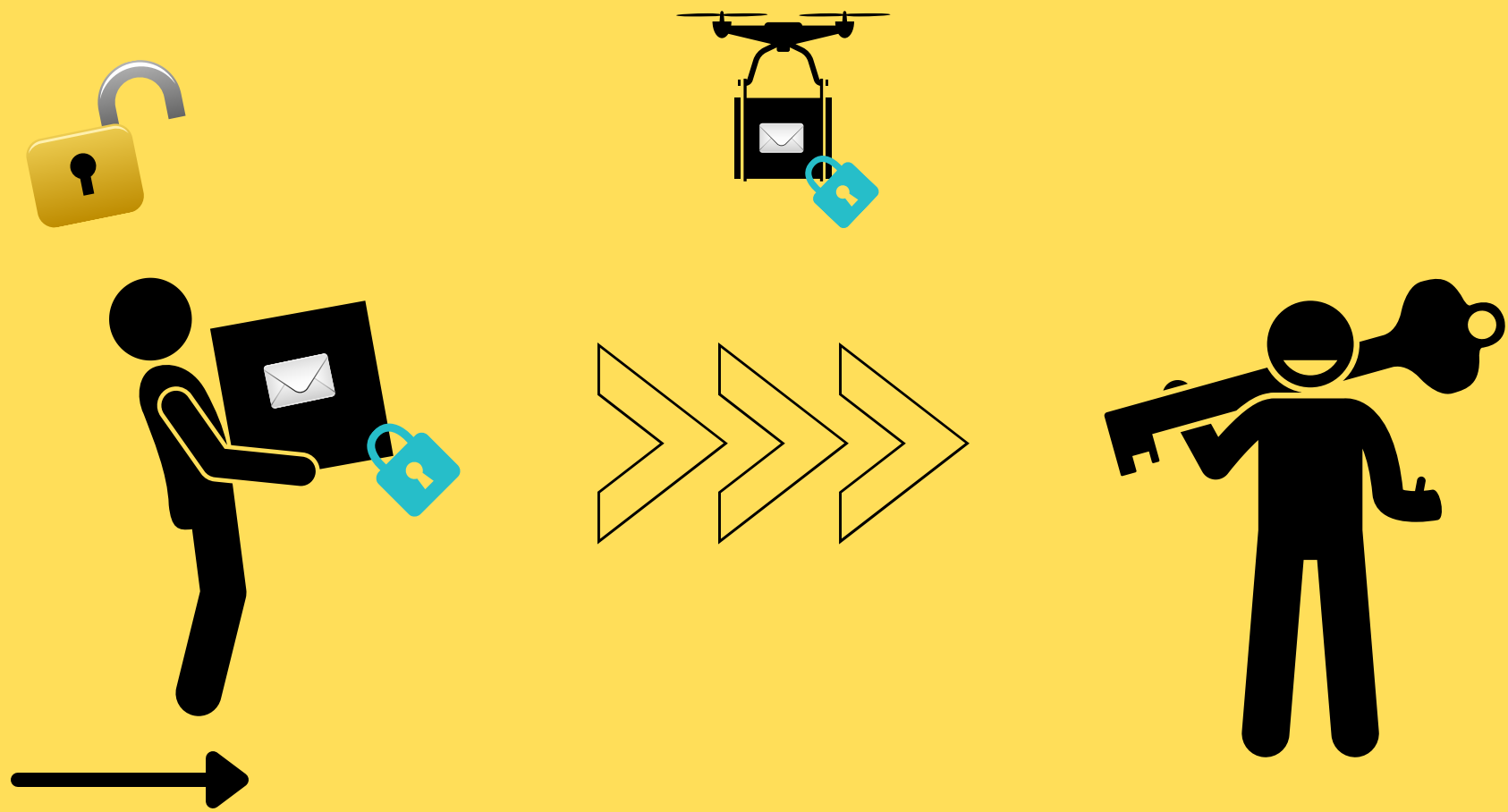
You put your letter in a box and secure it with a lock (only you have the key to the lock) and then send it to your friend



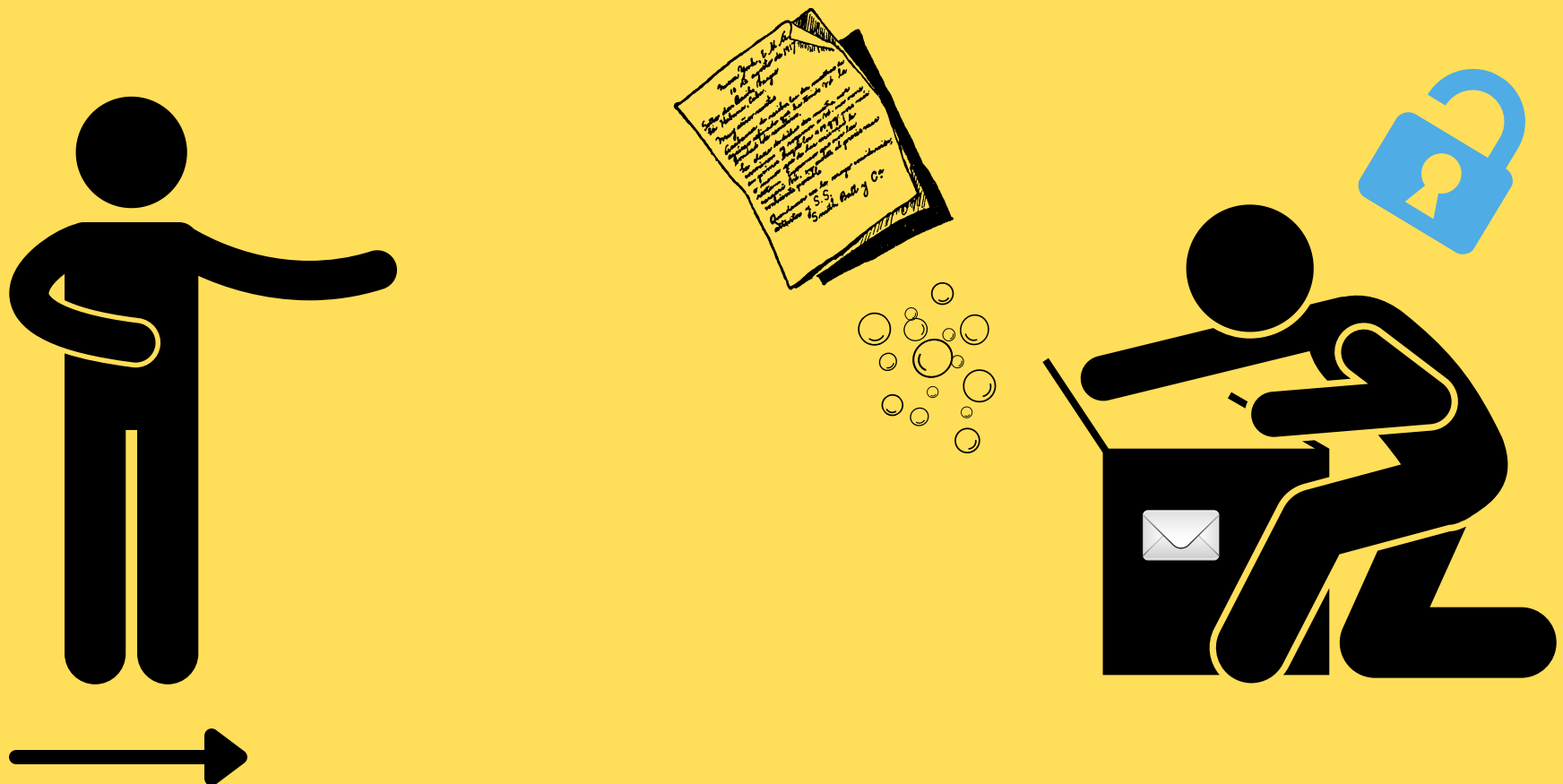
Your friend doesn't have your key. So he adds another lock to the box and returns it to you



You use your key to open the lock on your box and send it back to your friend with her lock locked in

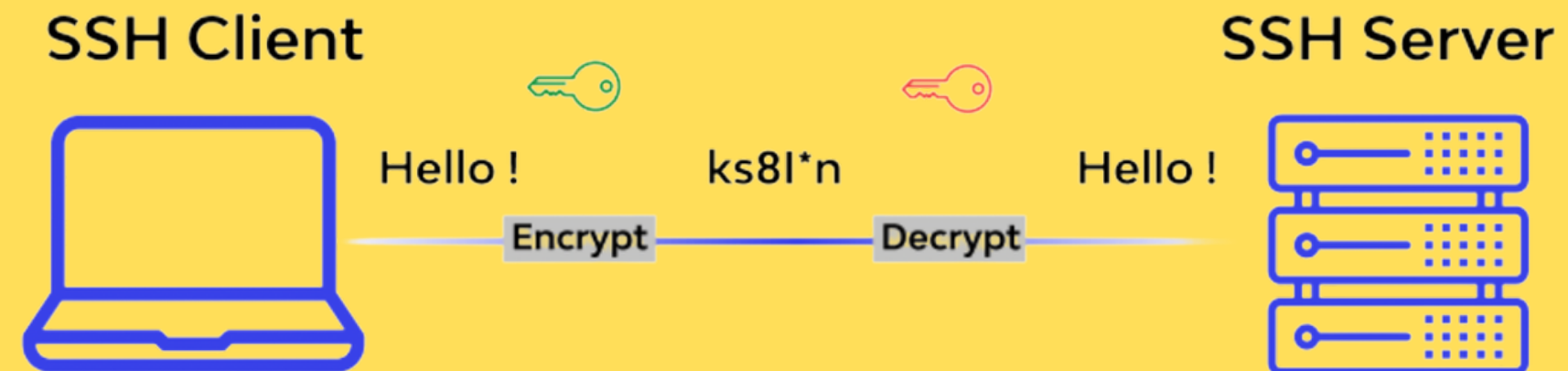


Finally, he **unlocks** the box using her **key** and reads the letter without anyone being able to intercept it



The SSH protocol

uses a public-key cryptography approach and symmetric solid encryption and hashing techniques to transmit messages between client and server





Ron Fybish

Developer Advocate

What do You Think About This Post?

I hope this helps! Comment below to let me know what else you like to learn. Follow @ronfybish to get updated :)

