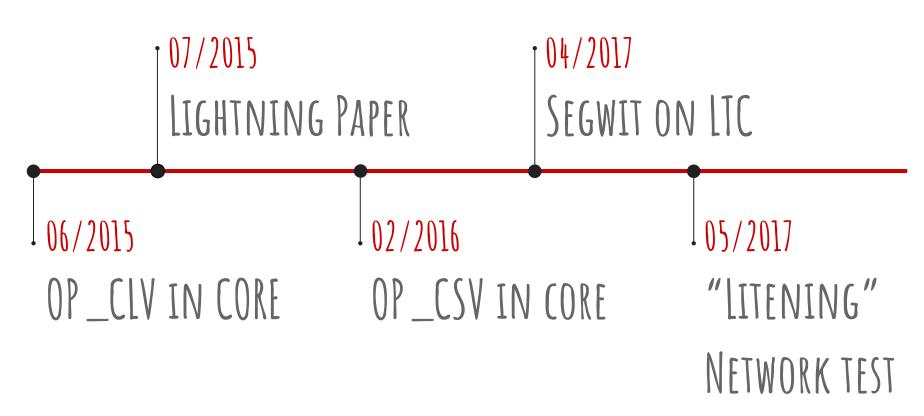
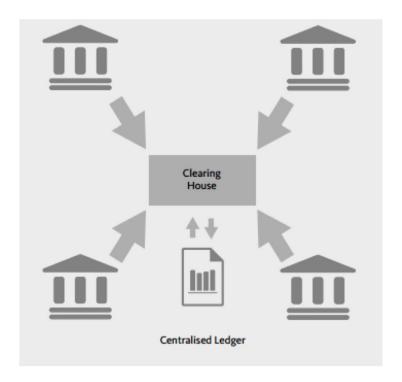
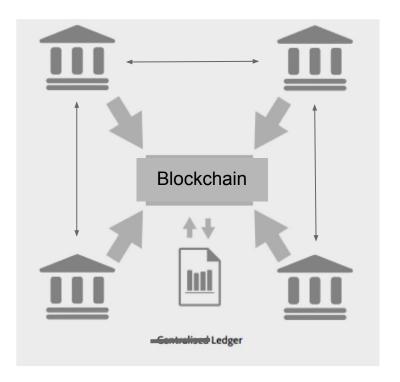


HISTORY



BLOCKCHAIN = ARBITRATION, SETTLEMENT





SETTLEMENT IS LIKE...



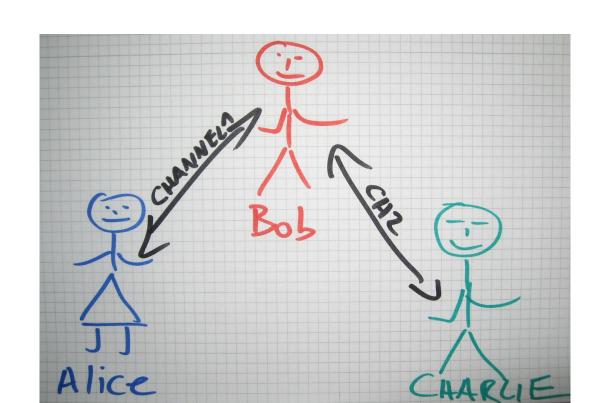
BLOCKS ARE SMALL, MKAY!

- 1. AND WILL ALWAYS BE
- 2. ENLARGE A BIT
- 3. GO OFF-CHAIN

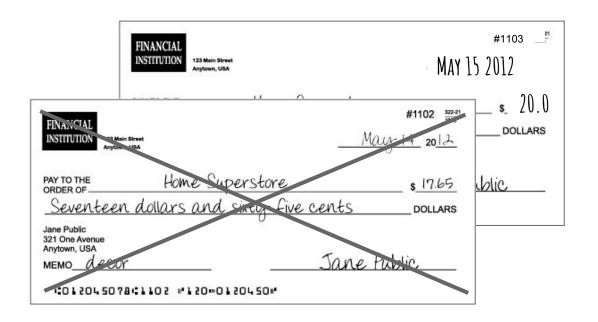


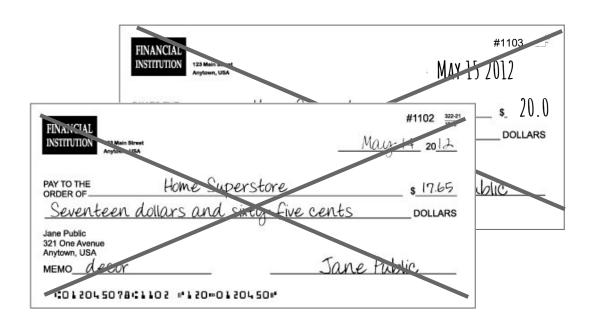


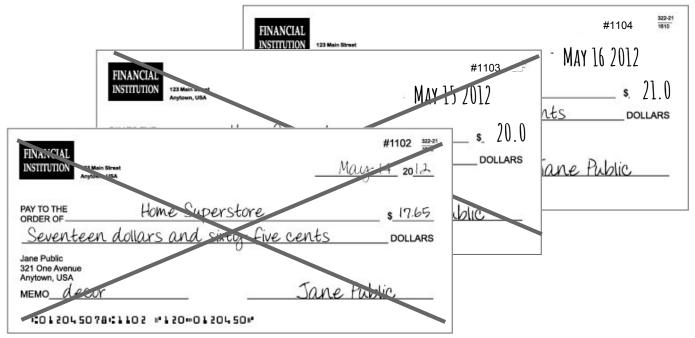
ALICE, BOB, CHARLIE...AND THE CASE OF PAYMENT CHANNELS



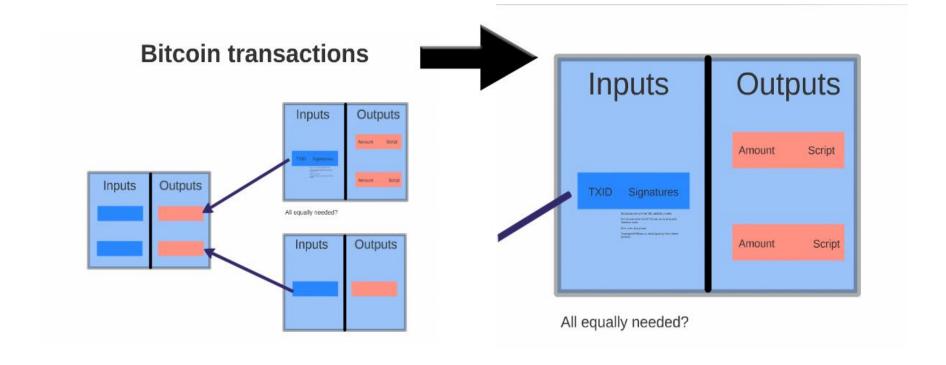
FINANCIAL INSTITUTION 123 Main Anytown		#1102 322- 1997 May 14 2012
PAY TO THE	Home Superstore	s 17.65
ORDER OF		
	dollars and sixty five cents	





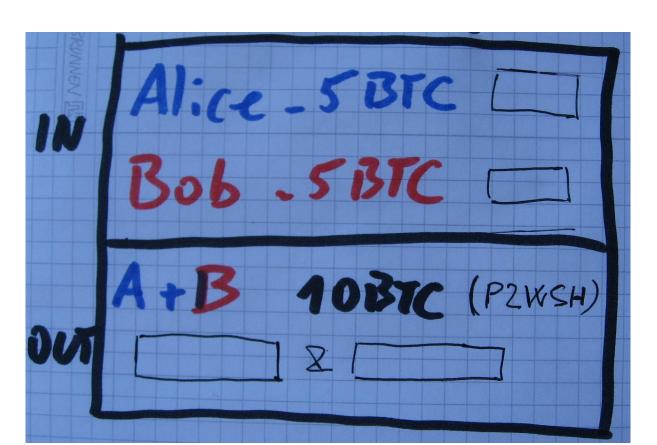


THINGS TO KNOW FROM BITCOIN

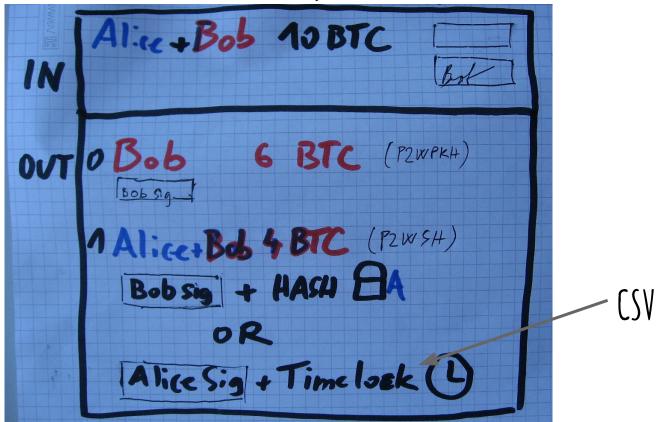


Source: Peter Wuille https://www.youtube.com/watch?v=NOYNZB5BCHM

FUNDING TRANSACTION



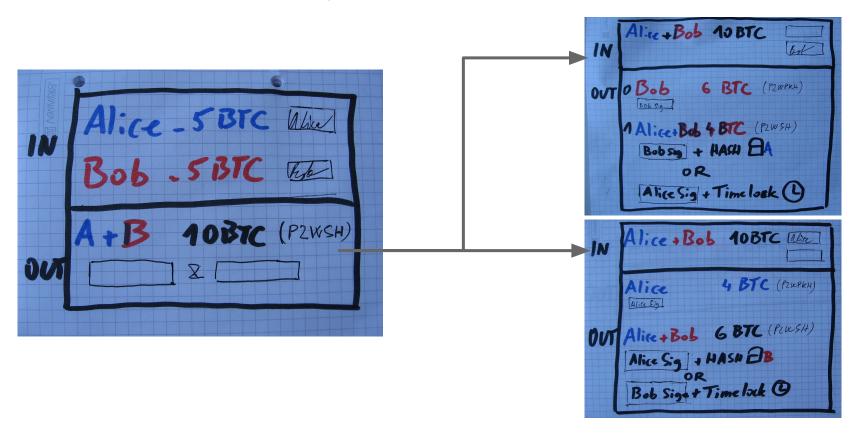
COMMITMENT TRANSACTION (ALICE)



COMMITMENT TRANSACTION (BOB)



OPENING THE CHANNEL



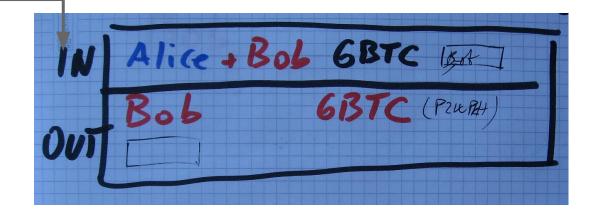


ALICE CLOSES THE CHANNEL

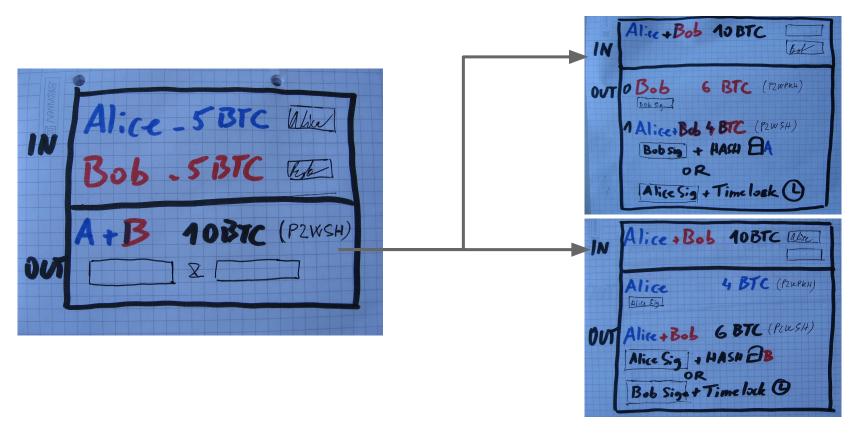




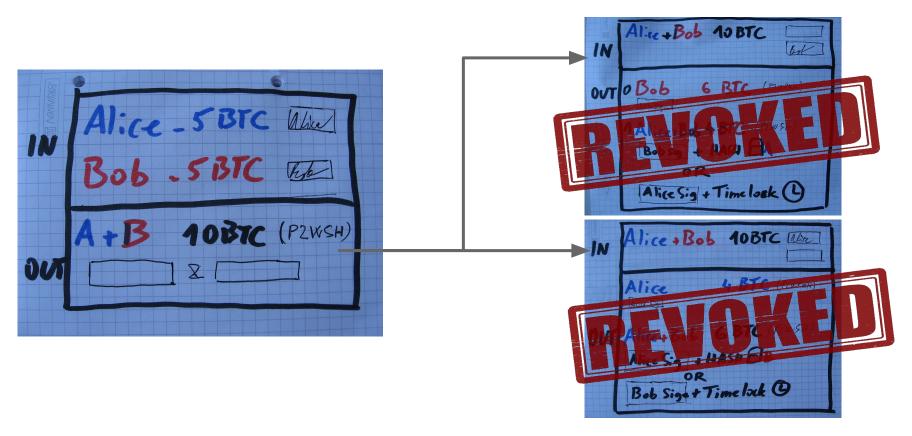
BOB CLOSES THE CHANNEL



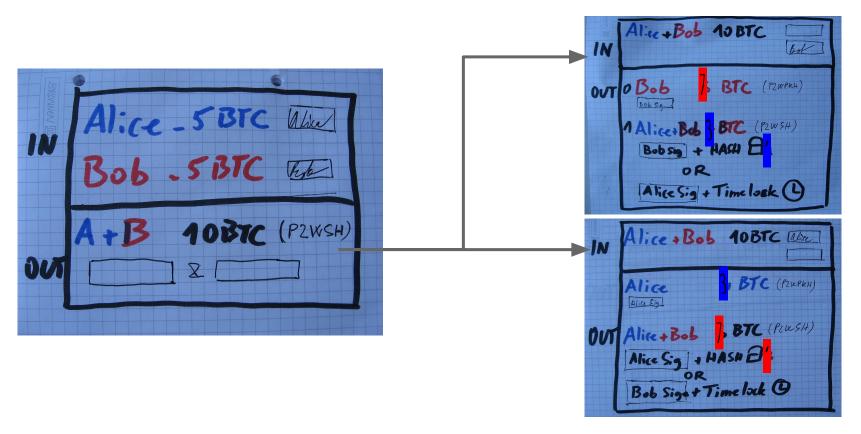
CHANNEL UPDATE



CHANNEL UPDATE



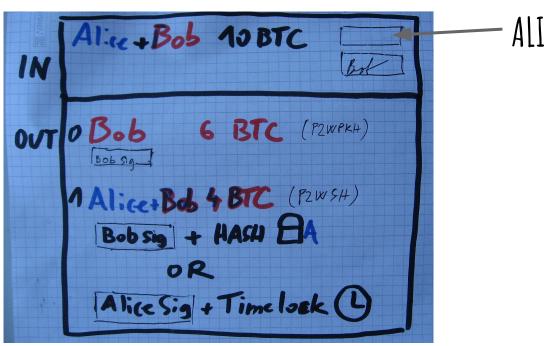
CHANNEL UPDATE



CHEATER LOSES ALL

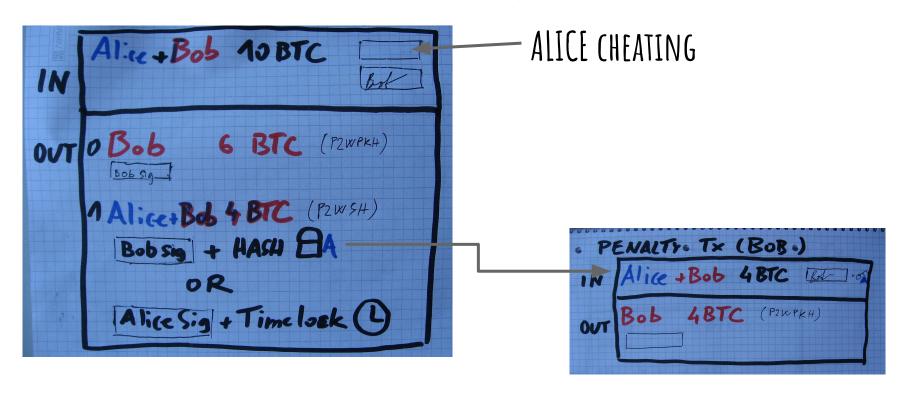


CHEATER LOSES ALL (CONT.)

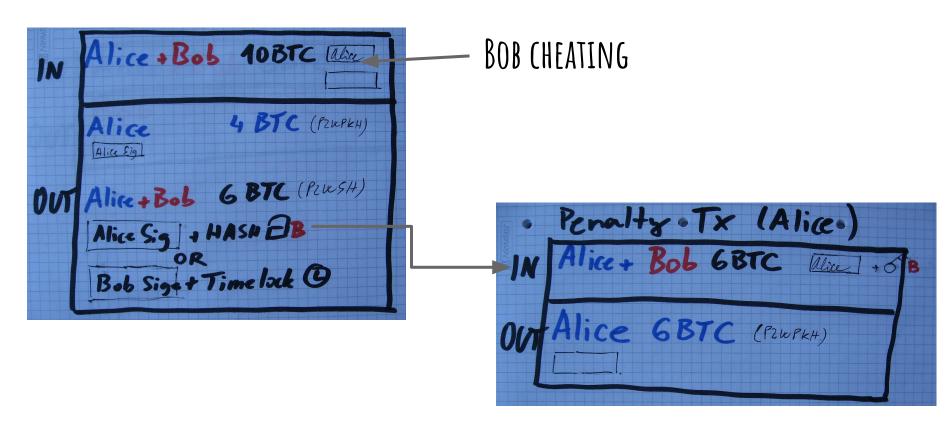


ALICE CHEATING

CHEATER LOSES ALL (CONT.)

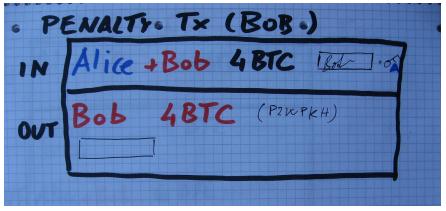


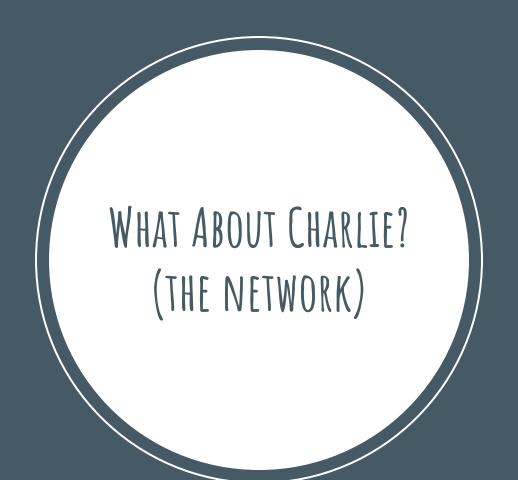
BOB - THE UNSMART CHEATER

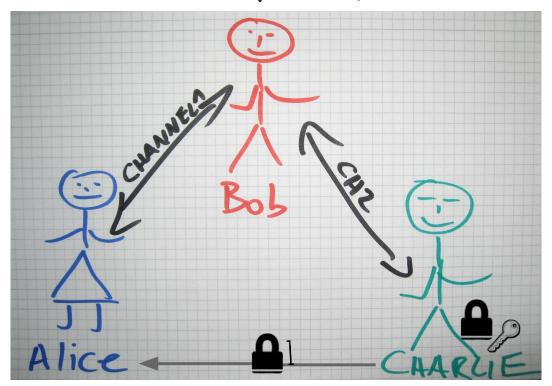


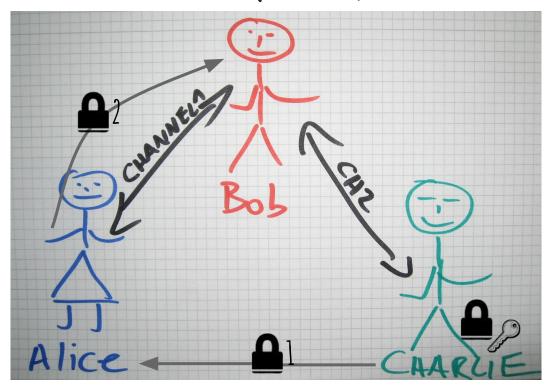
CHEATER LOSES ALL (CONT.)

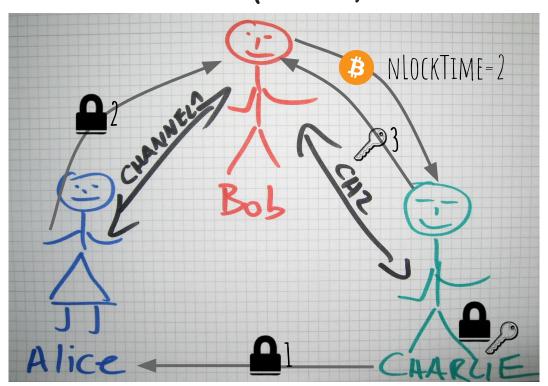


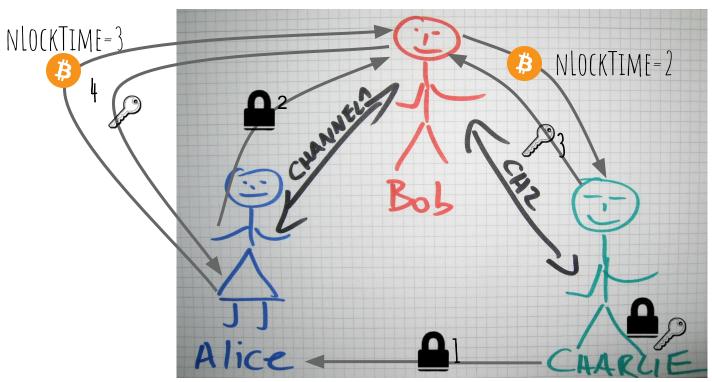




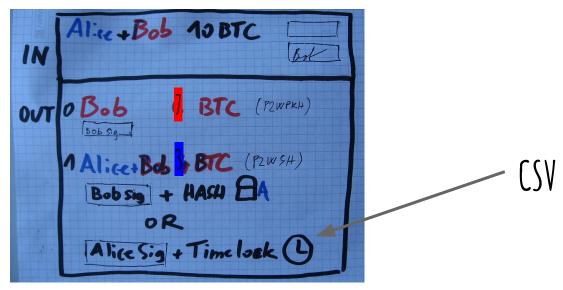




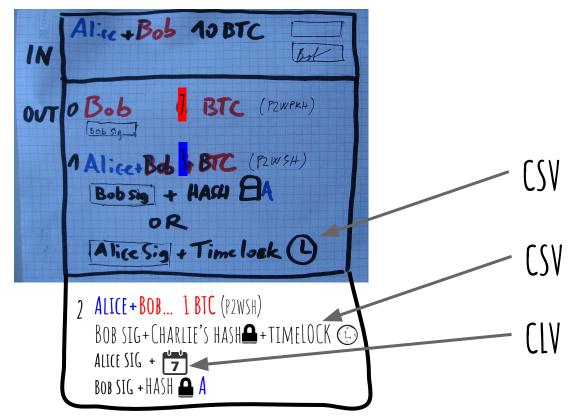




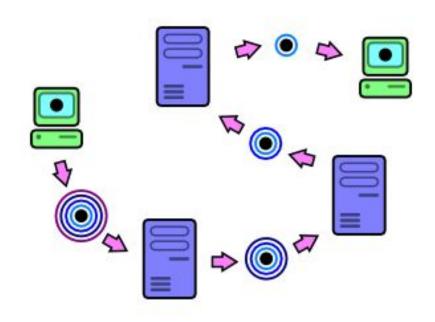
COMMITMENT TRANSACTION - WITH HTLC (ALICE)



COMMITMENT TRANSACTION - WITH HTLC (ALICE)



USE THE ONION ROUTING, LUKE...



HOWEVER...



AND...





HTTPS://BRAIINS.GITHUB.IO/LIGHTNINGNETWORK-RESEARCH-NOTES/

