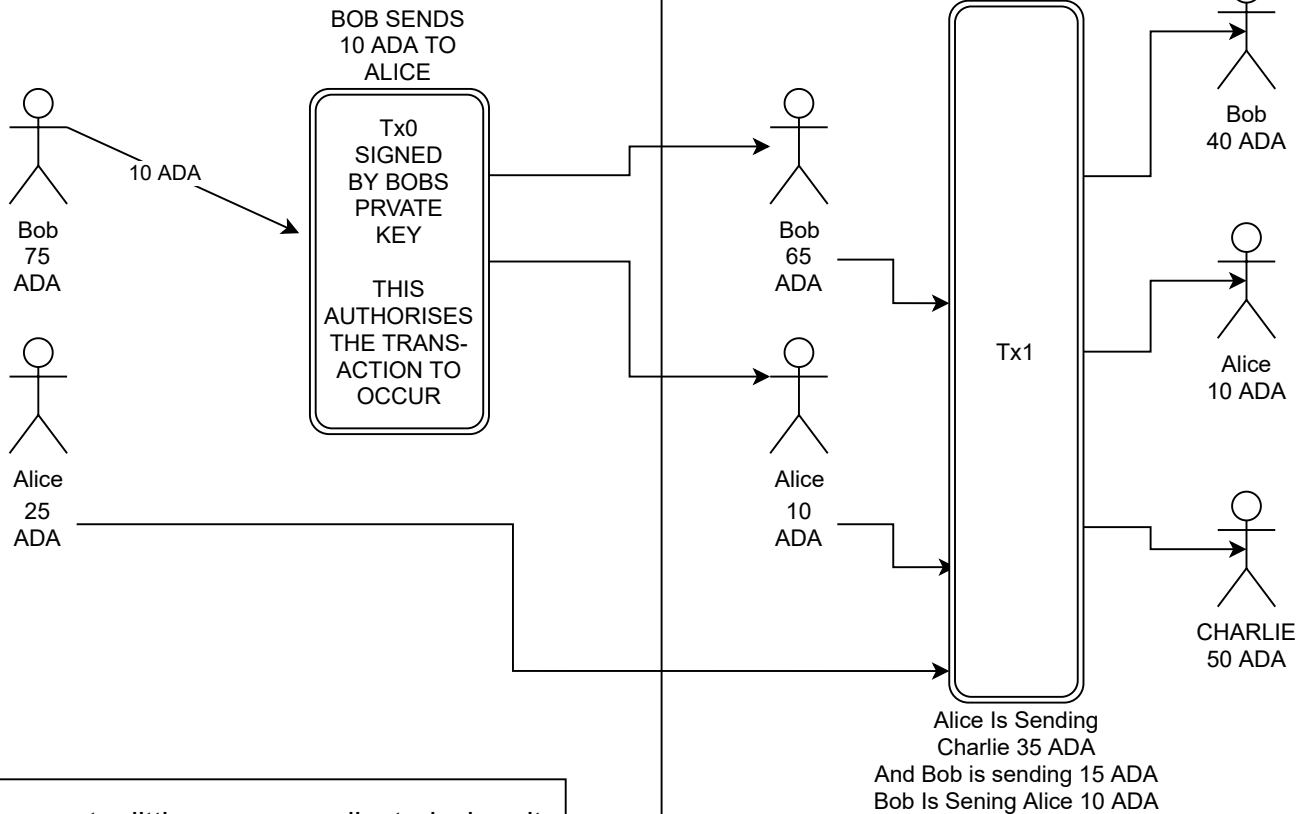


SIMPLE UTxO MODEL

This is the model that BitCoin implements. You cannot do much with it except for sending transactions from one person (address, public key) to another. However, the model does use a 'resolver' which is a VERY BASIC kind of smart contract. Within an (E)UTxO Model, the resolver contains local, executable logic, which has a safely limited scope, this supposedly makes it more secure than ETH account model, where the scope is global.



Things get a little more complicated when it comes to extended UTxO, as the transactions are no longer transactions as any normal (non-computer scientists) would think of them. A public key is no longer used as an address, instead, more arbitrary addresses exist, and a script is used to verify whether or not any particular UTxO can be spent by a transaction. Instead of using a signature, the logic (in combination with a redeemer) is used to conditionally verify whether or not the UTxO can be spent.

In order for Smart Contracts on-chain to be much use, they also have access to some BITSTRING, which is called DATUM.

**NOT POSSIBLE IN DEADLUS WALLET
 YOU NEED TO USE THE CARDANO-CLI**