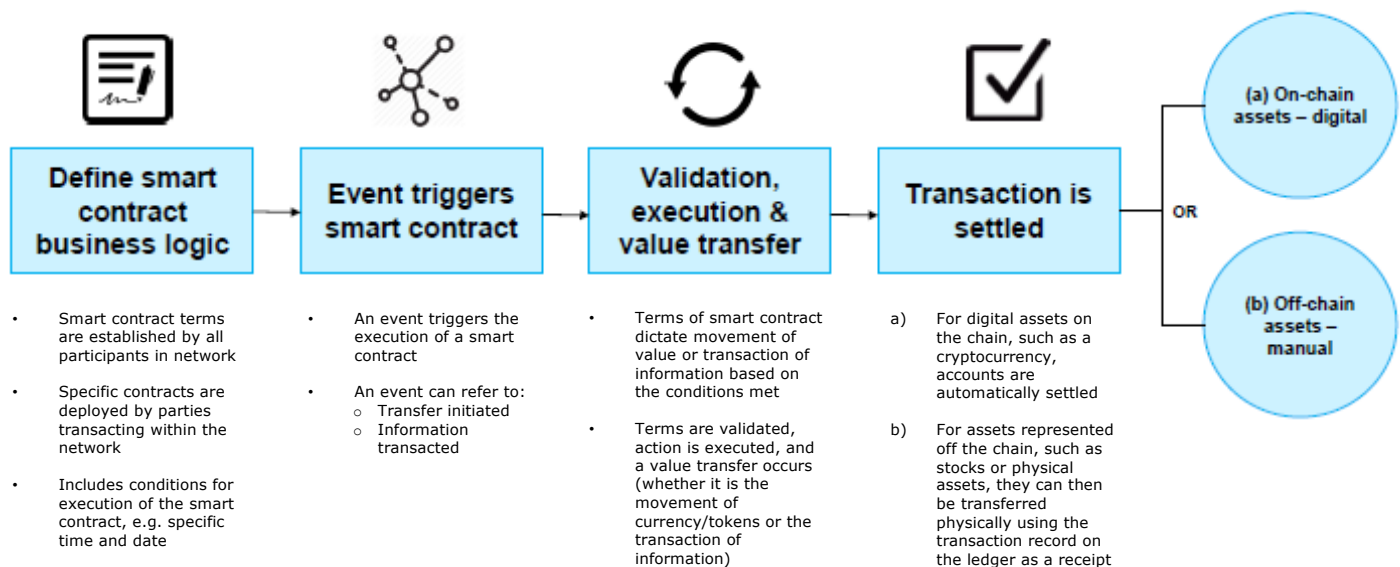




Smart Contracts are pre-written logic (in the form of computer code) that is stored and replicated on a blockchain to be executed by a network of computers resulting in ledger updates (payments, transactions, etc). Smart contracts can also trigger events that can be used to indicate the success or failure of a transaction.

Smart Contracts

How it works:



Chaincode

What is it?

Chaincode is a piece of code that is deployed into the network of a smart contract-capable blockchain. Chain code language varies by chain. On Hyperledger Fabric, chain code (such as the following example) can be deployed that enables interaction between peer nodes and that network's shared ledger.

Example

```

func TestExample02_Init(t*testing.T) {
    sccc := new(SimpleChaincode)
    stub := shim.NewMockStub("ex02", sccc)
    //Init A=123 B=234
    checkInit (t, stub, [] [] byte{[]byte("init"), []byte("A"),
    []byte("123"), []byte("B"), []byte("234")})
    checkState(t, stub, "A", "123")
    checkState(t, stub, "B", "234")
}
  
```