What is Hyperledger?

Learning Objectives:

- Hyperledger Project://www.ACloudFan.com
- Linux Foundation
- Hyperledger Fabric & Composer

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What is Hyperledger?

Discount Coupon Links to UDEMY courses:



https://www.udemy.com/hyperledger/?couponCode=DKHLF1099



https://www.udemy.com/ethereum-dapp/?couponCode=DKETH1099

http://www.ACloudFa



https://www.udemy.com/rest-api/?couponCode=DKRST1099



mentoring, seeking Blockchain part time work, project guidance, advice http://www.bcmentors.com

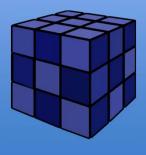
This deck is part of a online course on "Hyperledger Fabric Development with Composer"

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HYPERLEDGER







The Linux Foundation is dedicated to building sustainable ecosystems around open source projects to accelerate technology development and commercial adoption

http://www.ACloudFan.com



















https://www.linuxfoundation.org/



- Founded in 2000
- Funded by the membership fees
- Support for open source communities through financial and intellectual resources, infrastructure, services, events, and training http://www.AcloudFan.com











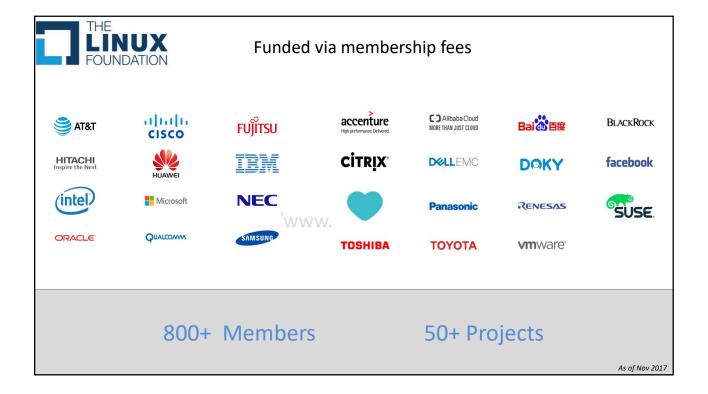








https://www.linuxfoundation.org/



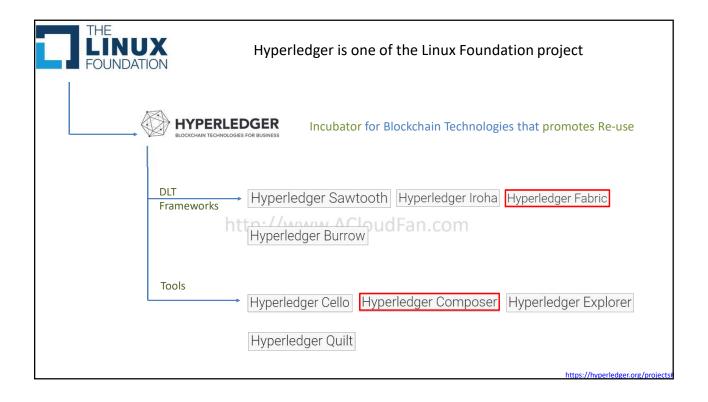


HYPERLEDGER

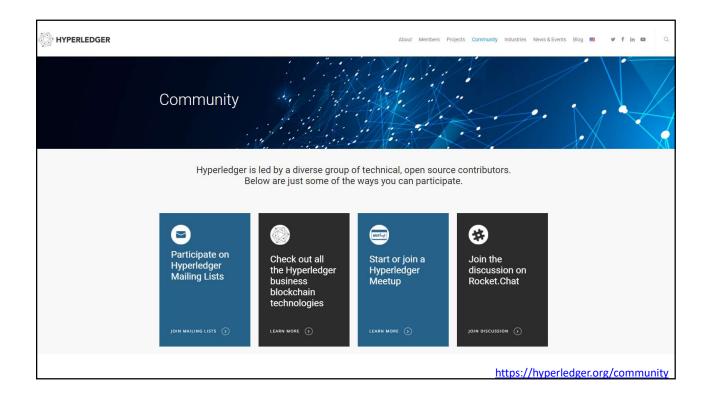


Hyperledger project is an open source collaborative effort created to advance cross-industry blockchain technologies.

It is a Linux Foundation Project and implements many open source best practices familiar to other leading projects.



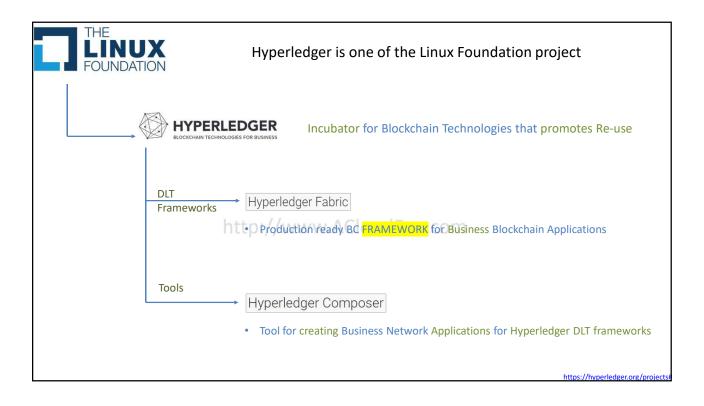






- Production ready BC FRAMEWORK for Business Blockchain Applications
 - Set of infrastructure & application **Building blocks** http://www.ACloudFan.com
 - Practices & Guidelines for creating BC apps

https://hyperledger.org/projects



Summary



- Hyperledger = Incubator for BC Technologies
 - One of the projects hosted by
- Hyperledger Fabric = DLT Framework
 - One of the DLT framework initiative under the Hyperledger Project
- Hyperledger Composer = Blockchain Tool Initiative
 - A tool for creating business applications on Hyperledger DLT Frameworks

Distributed Ledger Technology

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Learning Objectives:

- Overview of DLTtp://www.ACloudFan.com
- DLT Challenges

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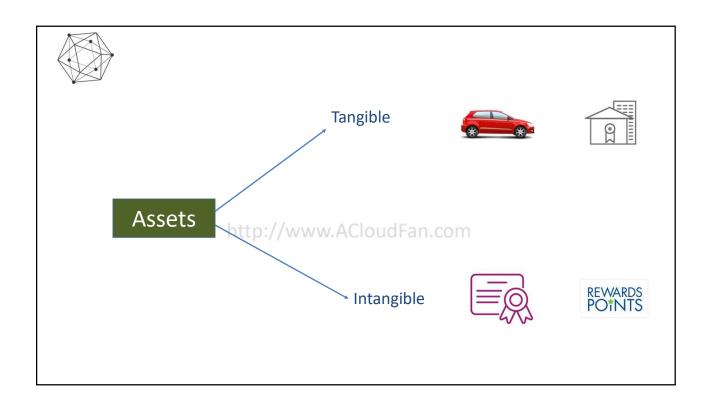
Assets

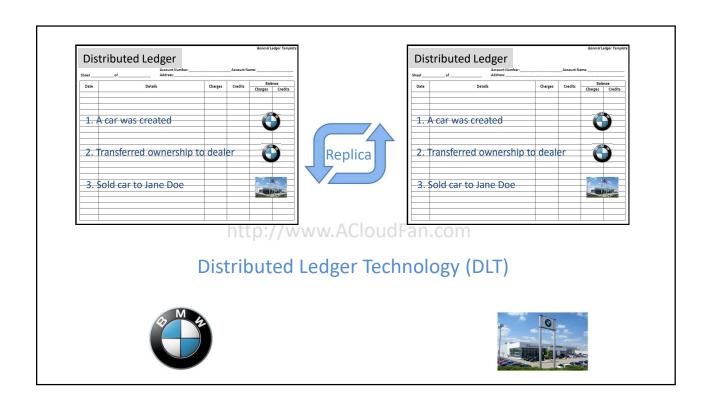
Decentralized system for exchange of <u>VALUE</u>

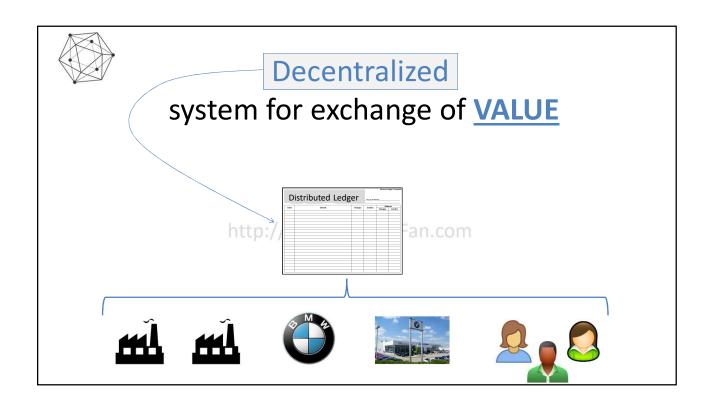
http://www.ACloudFan.com

Assets

Represents Value







DLT for Business Applications



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Learning Objectives:

Characteristics business applications dean.com







Distributed Ledger Technology for the Business

Public Blockhain Network = Anyone can participate and transact on the network

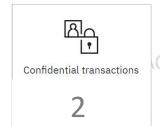






Distributed Ledger Technology for the Business

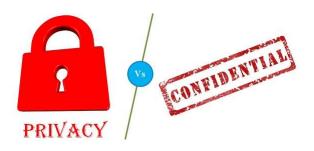








Hyperledger Fabric establishes trust, transparency and accountability

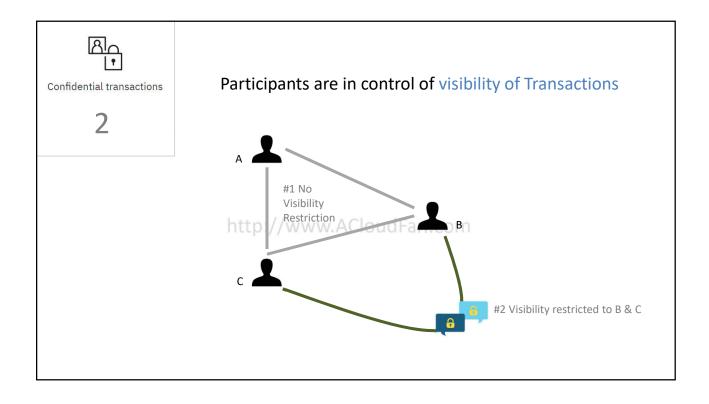


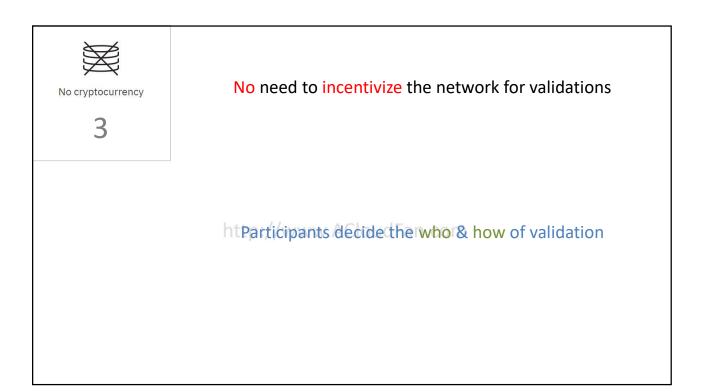
Participant not visible to the public but can decide to disclose identity to trusted entities

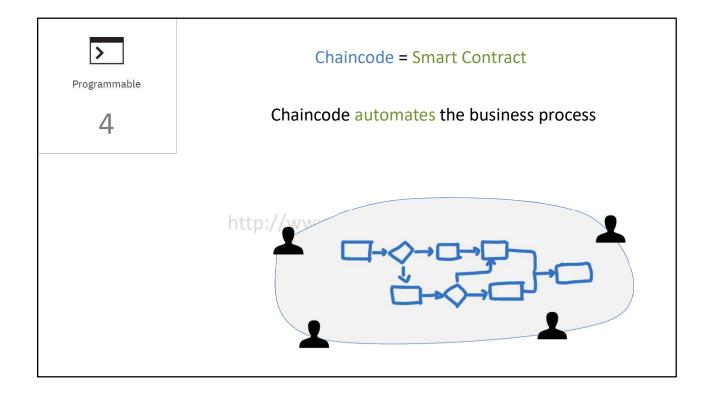
Only authorized participants are allowed to have access to the information

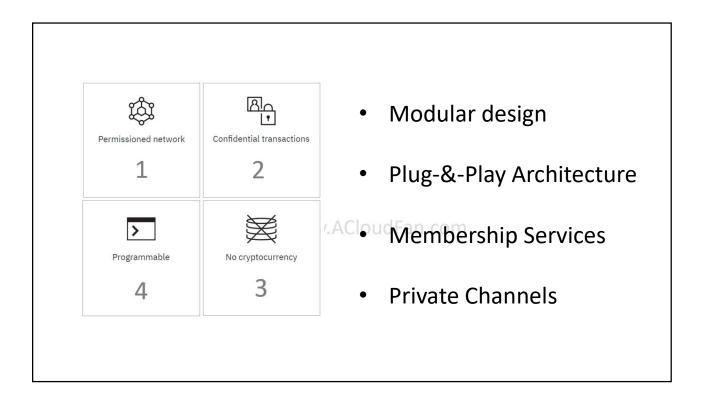
http://keydifferences.com/difference-between-privacy-and-confidentiality.html











	B		Fabric
Blockchain	Application	Platform	Framework
Network	Public	Public Permissioned	Permissioned
Consensus	Proof of work/www	ACI Proof of work	PBFT Pluggable
Business Logic	×	Solidity, LLL, Serpent	Go, Java, Javascript
Transaction	Anonymous	Anonymous Private	Public Confidential