	public blockchain								sidechain			distributed ledger/private blockchain			development service		consensus protocol		other	
Players	Bitcoin	Ethereum	Ripple	Litecoin	Dash	Peercoin	Nxt	Lisk	RSK (a.k.a Root	Blockstream	Counterparty	Corda	Juno	Billon	Eris:db	Multichain	Tendermint	Interledger	Enigma	BigChainDB
Creator	Satoshi Naka	Ethereum	Ripple	Litecoin	Dash	Scott Nadal,	BCNext/Nxt	Lisk	RSK Labs	Liquid	Counterparty	R3	JPMorgan (H	Billon	Eris Industries	Coin Scienc		Ripple Labs	MIT	BigChainDB
Player type	cryptocurren	smart contract p	cryptocurrency	cryptocurrenc	cryptocurrenc	cryptocurrenc	cryptocurren	public blockc	smart contract/b	bitcoin sidechai	sidechain (Bitco	distributed le	private block	distributed le	blockchain buil	blockchain b	consensus prot	consensus prot	multi-party co	database
Market Capitalization (millions)	≈10,075	≈1,008	≈238	≈188	≈46	≈10	≈23	≈30												
Liquidity	decent	decent																		
License	MIT	various open so	ISC	MIT/X11	MIT	MIT/X11	MIT	MIT	open source	open source		open source	(c)	(c)	MIT	GPLv3 in fut		open source		
Asset name/Currency symbol/three letter currency	Bitcoin/฿/BT	Ether/Ξ/ETH	ripple/XRP	Litecoin/Ł/LT	DASH	Peercoin	Nxt	LSK	RTC/BTC	BTC	XCP			real world as	PoS	Open Assets				
Public/Private blockchain	public	public	public (controled)	public	public	public	public	public	public	public		private	private	private	private	private			private	
User identity	pseudonymo	pseudonymous	pseudonymous	pseudonymo	anoymous (N	pseudonymo	anoymous (N					transparent	transparent	KYC		anonymous			private	
Consensus algorithm	PoW	PoW/PoS/Casp	PoW	PoW/scrypt	PoW/X11	PoW/PoS	PoS	DPoS	merge-mined P			various	Raft		Tendermint		PoS			
Scripting language	Bitcoin Script	Solidity (see co	language agnostic					Javascript	RVM				Hopper						own scripting	
Smart contracts	yes (limited)	yes	yes (Codius)				yes	yes	yes	yes		yes	yes		yes				private contra	
Turing completeness	no	yes	no				no	yes	yes	yes			yes						yes	
Governance (development decisions, etc)	core develop	Ethereum Foun	Ripple	core develop	Dash Budget			Lisk	RSK Labs											
Consensus stakeholders (validating transactions)	full nodes	nodes	validators		master nodes			master nodes (delegates)												
Conflict of Interests / Issues	block size, vs	The DAO vs. Et							vs. Etherum sm											
Transaction speed	>10.0m	12s (?)	10s	2.5m	2.5m	60.0m	fast	10s	10s	fast		fast	fast	fast	fast					fast
Rapid payments	Bitcoin Lightn	Raiden Network	Ripple Transactio		InstantSend															
Processing cost (CPU,GPU,ASIC)	high	high				low	low					low	low	low	low					
Other features	UTXO	GHOST			DAO, coin-mi				2-Way peg (2W									neutral protocol		
51% attack	weak						strong		51%											
Nothing at Stake Attacks		strong				strong	weak													
Sybil attack	strong		strong		strong	strong			Strong (protecte											
Selfish/Uncle mining security	~33%	12.5% (theoreti		~33%	~33%				51%											
Short range / bribe																				
DoS																				
Long range attack																				
Coin age accumulation attack																				
Precomputing attack																				