GET STARTED WITH ARDOR AND IGNIS

Overview:

Ardor and Ignis are a scalable 3rd generation "**full blockchain as a service**" platform developed by **Jelurida** with built-in smart transactions and lightweight smart contracts designed to simplify the process of integrating legacy systems with the blockchain. The mainnet is coded in Java and launched on 01 January 2018 with more than 250 APIs. Building on their 5-year experience with Nxt, this new generation separated the first proof of stake environment into two parts. Nxt's energy efficient proof of stake algorithm was separated into Ardor, while the advanced functions of Nxt were implemented into Ignis. This has been termed the "parent and child chain" architecture where Ardor as the parent chain, provides security and consensus for transactions on all child chains, such as Ignis. This design provides developers with optimal flexibility. Businesses can work with Jelurida to launch their own blockchain (child chain) by simply reusing select functions from Ignis and plugging into the security of the Ardor parent chain's existing distributed network of nodes. Alternatively, the public Ignis child chain allows anyone to launch tokens and build applications on demand. All child chains on the platform are inherently compatible with one another, creating a business-friendly blockchain ecosystem. There are 4 child chains currently active and more joining soon. This document is an informal reference to quickly navigate across the ecosystem's extensive resources.

ardor

Ardor Parent Chain	Links and Resources	
FUNCTIONS	**USEFUL LINKS**	**DEVELOPERS**
Proof of Stake	Ardor Learning Hub	Official BitBucket
Built In Decentralized Coin Exchange	Official Wallet: Full, Web	Github (BB mirror)
Bundling vs. Forging	Block Explorer: 1, 2, 3	Developer Cheat Sheet
Solar Nodes & Nodes	Videos: 1, 2, 3	ArdorJS API Wrappers
Lease Forging Power	Developer Blog	Roadmap, Whitepaper
	Ardor on Udemy: 1, 2	Test: Net, Faucet

ignis

Ignis Child Chain	

FUNCTIONS

DIGITAL CURRENCY **DATA CLOUD** **VOTING** **SHUFFLING**

ASSETS & TRADING **MARKETPLACE** **MESSAGING** **ALIASES**

FURTHER LEARNING

Asset Listings: 1, 2
Lightweight Smart Contract: 1, 2
Transaction Vouchers - Invoices
Composite Phased Transactions
Account & Asset Control
Dead Man Switch
Scaling with Pruning

Interested in the history of NXT, Ardor, and Ignis? **NXT Snapshot** is a book written by the NXT community covering NXT's 5-year history leading up to Ardor's 01 January 2018 mainnet launch.

EXCHANGES

BITTREX   OKEX   BINANCE
UPbit   POLONIEX   INDODAX
Huobi Global   changelly   STEX

COMMUNITY

ARDOR/NXT GROUP

USE CASES:

Euro Finance - Real Estate - Education - Gamification - Software Licensing - Art – Security Token Offerings – Supply Chain

STAY UPDATED

ARDOR LITE COMMUNITY WALLET

Download on the App Store   Google play

ARDOR AND IGNIS REFERENCE SHEET HYPERLINK LISTING

Jelurida Website: https://www.jelurida.com
Ardor Website: https://www.jelurida.com/ardor
Ignis Website: https://www.jelurida.com/ignis
Full Blockchain as a Service:
https://medium.com/ardor/redefining-blockchain-as-a-service-beyond-buzzwords-d5fdcdd057f9

Overview
Fee Structures: https://www.jelurida.com/sites/default/files/ArdorFees.pdf
Code Repositories: https://bitbucket.org/Jelurida/ardor/src

Ardor Functions
Proof of Stake: https://medium.com/@lyaffe/proof-of-stake-articles-cc6fbb346184
Coin Exchange: https://ardordocs.jelurida.com/Coin_exchange
Bundling: https://ardordocs.jelurida.com/Tutorial_on_custom_bundlers_for_child_chain_transactions
Forging: https://www.jelurida.com/forging-bundling
Solar Nodes:
https://medium.com/@mrv_89306/headless-solar-powered-ardor-blockchain-node-with-e-ink-information-screen-8456a7e98f0f
Nodes: https://ardornxt.io/documents/ardor-public-node-setup
Lease Forging Power: https://ardordocs.jelurida.com/Forging_and_leasing

Useful Links
Ardor Learning Hub: https://ardordocs.jelurida.com/Getting_started
Official Full Client Wallet: https://bitbucket.org/Jelurida/ardor/overview
Official Read-Only Web Wallet: https://ardor.jelurida.com/index.html
Block Explorer 1: https://www.ardor.world/en/
Block Explorer 2: https://ardorportal.org/monitor
Block Explorer 3: https://ardor.tools/
Videos 1: https://www.youtube.com/ardorplatform
Videos 2: https://youtu.be/JGjwES65FvQ
Videos 3: https://www.facebook.com/pg/ardornxtgroup/videos/?ref=page_internal
Developer Blog: https://medium.com/@lyaffe/latest
Ardor on Udemy 1 – Ardor Blockchain Bootcamp: https://www.udemy.com/ardor-bootcamp/
Ardor on Udemy 2 – Blockchain Smart Contracts:
https://www.udemy.com/blockchain-contract-developer-course-for-beginners/

Developers
BitBucket: https://bitbucket.org/Jelurida/ardor/src
Github (BB mirror): https://github.com/ardornxtgroup/ardor
Ardor Developers Cheat Sheet: https://www.jelurida.com/sites/default/files/Ardor-Developers-Cheat-Sheet.pdf
ArdorJS – Ardor Javascript API Wrappers: https://github.com/ArdorNxtCommunity/ardor-api-wrapper
Roadmap: https://www.jelurida.com/ardor-roadmap
Whitepaper: https://www.jelurida.com/sites/default/files/JeluridaWhitepaper.pdf
Testnet: https://testardor.jelurida.com/index.html
Testnet Faucet: https://www.ardor.world/en/faucet_ardor/

Ignis Functions
Digital Currency Info: https://ardordocs.jelurida.com/Monetary_system
Data Cloud Info: https://ardordocs.jelurida.com/Data_Cloud
Voting Info: https://ardordocs.jelurida.com/Voting_system
Shuffling Info: https://ardordocs.jelurida.com/Shuffling
Assets & Trading Info: https://ardordocs.jelurida.com/Asset_Exchange
Marketplace Info: https://ardordocs.jelurida.com/Marketplace
Messaging Info: https://ardordocs.jelurida.com/Arbitrary_messages
Aliases Info: https://ardordocs.jelurida.com/Alias_system

ARDOR AND IGNIS REFERENCE SHEET HYPERLINK LISTING

Further Learning
Ignis Asset Listings 1: https://www.ardor.world/en/ignis_reporting/
Ignis Asset Listings 2: https://ardor.tools/assets
Lightweight Smart Contracts 1: https://medium.com/@lyaffe/lightweight-contracts-articles-49c3032a50da
Lightweight Smart Contracts 2: https://ardordocs.jelurida.com/Lightweight_Contracts
Transaction Voucher Invoices: https://ardordocs.jelurida.com/Tutorial_on_transaction_vouchers
Composite Phased Transactions: https://ardordocs.jelurida.com/Composite_phasing
Account Control: https://ardordocs.jelurida.com/Account_control
Asset Control: https://ardordocs.jelurida.com/Asset_control
Asset Properties: https://ardordocs.jelurida.com/Asset_Properties
Dead Man Switch: https://ardordocs.jelurida.com/Asset_Properties
Scaling with Pruning: https://youtu.be/4obcvOLO6tY

NXT Snapshot Book: https://www.nxter.org/snapshot-nxt-unsurpassable-blockchain-solutions/

Use Cases
Euro Finance: https://www.ardorgate.eu/about-us/
Real Estate: https://maxcrowdfund.com/
Education: https://www.isdi.education/es#slide0
Gamification: https://triffic.world/
Software Licensing: https://www.ezycount.ch/en/ico/
Art: https://tarasca.org/
Security Token Offerings:
https://ardordocs.jelurida.com/Launch_Compliant_Security_Token_Offerings_(STO)_in_Three_Steps_using_Ignis
Supply Chain: https://ardordocs.jelurida.com/How_to_tokenize_your_farm_using_Ignis

Community Wallets
Ardor Lite in Apple's App Store: https://itunes.apple.com/us/app/ardor-lite/id1272245979?mt=8
Ardor Lite for Android in Google Play: https://play.google.com/store/apps/details?id=mrv.ardor.lite&hl=en_US

Stay Updated
Jelurida Website: https://www.jelurida.com/
NXTer Magazine: https://www.nxter.org/
Jelurida Twitter: http://twitter.com/jelurida
Jelurida Linkedin: https://www.linkedin.com/company/jelurida/
Ardor Facebook: https://www.facebook.com/ardorplatform

Community
Slack Invite: https://ardornxt.community/
Discord: https://discordapp.com/invite/EnxmDnu
Telegram: https://telegram.me/ardorplatform
Ardor Reddit: https://www.reddit.com/r/Ardor/
Ignis Reddit: https://www.reddit.com/r/Ignis/
Ardor NXT Group: https://ardornxt.io/