



## Blockchain as a Service: Getting Started with Ardor and Ignis

### Overview

Ardor and Ignis are a 3rd generation blockchain platform developed by Jelurida b.v. with built in [smart transactions](#) that make building on the blockchain straightforward and low-risk. The open-source code is written in Java and includes simple APIs for integration with most common coding languages, such as Javascript. Building on the 5-year legacy of NXT, this new generation separated the functions of the first proof of stake environment into two sections - advanced functionalities and security. The advanced functions of NXT were cloned into Ignis, while the consensus mechanism was separated into Ardor. This design has been termed the "parent and child chain" where Ardor as the parent chain, provides security and consensus for all current and future child chains, such as Ignis. This document is meant as an informal reference for people, businesses, developers - newcomers and long-time community members - to quickly navigate across the wide variety of resources currently available for the ecosystem. Many Ignis resources still make reference to NXT since the functions are the same, but please note updated [fee structures](#) and [code bases](#).



#### Functions Explained

- [Coin Exchange](#)
- [Multi-Phase Account](#)
- [Account Control](#)
- [Asset Control](#)
- [Bundling](#)

#### Helpful Links

- Wallet - [Web](#) / [Client](#)
- [Ardor <-> Euro Gate](#)
- [Block Explorer](#)
- [Account Leasing](#)
- Videos - [1](#) / [2](#) / [3](#) / [4](#)

#### Code & Dev Updates

- [BitBucket](#) / [Guide](#)
- [Github \(BB mirror\)](#)
- [Ardor Whitepaper](#)
- Test - [Net](#) / [Faucet](#)
- Dev - [Blog](#) / [Videos](#)



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#### Additional Links

- [Smart Transactions](#)
- [Asset Markets](#)
- [Ignis Site](#) / [Uses](#)
- [Ignis Wiki](#)
- [New Child Chains](#)
- [NXT Wiki with Developer Resources](#)

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 and the events leading up to Ardor's 01 January 2018 mainnet launch.

#### Stay Updated



[NXTer Magazine](#)



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JELURIDA

#### Exchanges

[CoinMarketCap Markets:](#)

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NEXT GENERATION CRYPTO EXCHANGE

**UPbit**

**POLONIEX**  
CRYPTOCURRENCY EXCHANGE



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