Chainstack

Cordaptor, an embeddable REST API tool for CorDapps, is now on Chainstack

Chainstack partners with B180.tech, wholly-owned business of Bond180 Limited, creators of Cordaptor, adding to its Marketplace the developer's tool which can integrate with any CorDapp from your favourite technology via automatically generated REST APIs, so that the rest of the architecture can be built using familiar technologies.

Singapore, 17 December 2020 - Cordaptor is a way to instantly add Corda to any application stack that helps to improve the availability, reliability, and flexibility of the overall system architecture. Cordaptor automatically creates fully featured REST APIs for any CorDapp running on a Corda node, complete with OpenAPI 3 JSON specification and Swagger UI.

Chainstack prides itself on being able to offer the most accessible and scalable platform to enable teams to deploy, manage, and scale blockchain nodes, networks, and applications. The platform allows users to save tens of thousands of dollars per year on average spent on setting up, securing, and maintaining their own infrastructure that is required to operate distributed ledger nodes across protocols. The Chainstack team believes that product teams should concentrate on bringing value to end users through innovation rather than on infrastructure operations, and constantly looking out for ways to streamline the development experience.

For this reason, the addition of Cordaptor, a new open-source initiative by B180.tech, to the Chainstack Marketplace is a great next step. Cordaptor is an open gateway for Corda, simplifying client application integrations and accelerating Corda adoption through creating open APIs for any Corda application (or CorDapp). It provides out-of-the-box capabilities that are beneficial in any Corda application architecture, freeing up valuable engineering time to focus on product features.

Cordaptor scans Corda nodes for installed CorDapps and automatically generates REST API for all available functions. It also creates OpenAPI JSON specification, which is widely supported by integration tools across many technology stacks, so that integrations could be created with very little effort.

Phil Holbrook, the CEO of Bond180 Limited, said: "Bond180 has recently launched its technology business B180.tech to deliver best-in-class technology solutions designed to increase adoption of nascent technology and to accelerate network creation. We are delighted to partner with Chainstack who mirror our aspirations, and alongside Chainstack we look forward to supporting innovation-focused businesses succeed with their applications without the worry of infrastructure development. Bond180 are focused on further developing its technology community through B180.tech as we aim to make data sharing easier in financial services through technology."

Chainstack takes resilience very seriously, and their dedicated site reliability engineering team whose duty is to ensure that DLT nodes that are run for clients are

always available and the service never gets interrupted in case of hardware failures or power cuts. However, Corda nodes do need to be taken offline from time to time when software need an upgrade. Cordaptor gateway can offer client application uninterrupted access to most functionality of Corda nodes whilst they are undergoing maintenance. Note that some functions are to be released shortly.

Chainstack is delighted to announce a partnership with B180.tech, that will make Cordaptor available on the Chainstack cloud platform through the marketplace and hope to be able to offer it on hybrid and self-hosted platforms in due course as well. Development teams utilizing Corda can use Chainstack's rich set of self-servicing tools to provision fully managed Cordaptor gateway for their Corda nodes, and accelerate Corda adoption.

B180.tech will join our partners panel as a technology and professional services provider able to offer such services as developing and supporting Corda solutions, developing bespoke integrations for distributed Corda applications for consortia members, and advising on technology strategy and enterprise architecture.

Eugene Aseev, Co-Founder and CTO of Chainstack, said: "We are thrilled about this new partnership and listing Cordaptor on our Marketplace. Both our solutions are enterprise-grade, technology-agnostic and share the same objective of making developers' life easier. We want to continue to be the place where the best Corda innovators come for their infrastructure and development needs, as we remain a developer-first platform. We will keep adding new applications, services and developer tools to continuously improve the experience of innovating using Chainstack."

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About Chainstack

Chainstack makes it simple to launch and scale decentralized networks and applications for enterprises and developers through its managed blockchain services platform – complete with an intuitive user interface, seamless orchestration and predictable pricing. We offer enterprise-grade tools and services that empower developers, solution providers, and consortia to safely experiment and run-in production. By building on Chainstack, the time, cost and risk involved with leveraging decentralized technologies can be reduced. With a secure API, membership management, and flexible deployment options, enterprises and developers can immediately accelerate and future-proof the development of their transformative solutions. Learn more at www.chainstack.com.

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