



Introducing CanAPI:

The No-Code Blockchain Backend Development Platform

Presentated by Jake Kemsley

Problem / Opportunity

- Blockchain dev is complex
- Developer resources scarce
- Steep learning curve
- Low quality user experience dApps
- Costly
- Time Consuming



Solution

The No-Code Blockchain Backend Development Platform

- Powerful and Scalable
- Internet Computer Protocol
- Serverless / Edge Functions
- Handle the Heavy-Lifting
- Rapid Prototyping
- Cost Effective
- User Friendly

The screenshot displays the canAPI interface for configuring a public endpoint. The interface includes a sidebar with navigation options: canisters, datastore, endpoints (highlighted), docs, and account. The main area shows the configuration for a public endpoint named "/notes/get". The configuration is organized into three sections: Input, Query, and Return. The Input section contains a "principal" field set to "caller". The Query section contains two conditions: "caller = creator" and "archive != true", along with a "limit" field set to "20" and a "sort" field set to "noteld". The Return section contains four fields: "nat" set to "noteld", "text" set to "noteTitle", "blob" set to "noteText", and "date" set to "noteDate". The interface also features a "run" button and a "powered by" logo at the bottom left.

Product

The screenshot displays the canAPI interface for configuring a public endpoint. At the top, there are tabs for code types: <motoko code>, <js snippet>, candid ui, and canister settings. A blue 'run' button is located in the top right corner. The main heading is 'Public Endpoint: /notes/get'. Below this, the configuration is organized into three sections: 'Query Method', 'Input', and 'Return'. The 'Query Method' section contains a green 'GET' button. The 'Input' section contains a 'principal caller' field. The 'Query' section contains four fields: 'condition caller = creator', 'condition archive != true', 'limit 20', and 'sort noteld'. The 'Return' section contains four fields: 'nat noteld', 'text noteTitle', 'blob noteText', and 'date noteDate'. A 'POWERED BY' logo is visible in the bottom left corner of the interface.

canAPI
low-code blockchain backend

canisters
datastore
endpoints
docs
account

POWERED BY

<motoko code> <js snippet> candid ui canister settings **run**

Public Endpoint: /notes/get

Query Method

GET

Input +

principal caller

Query +

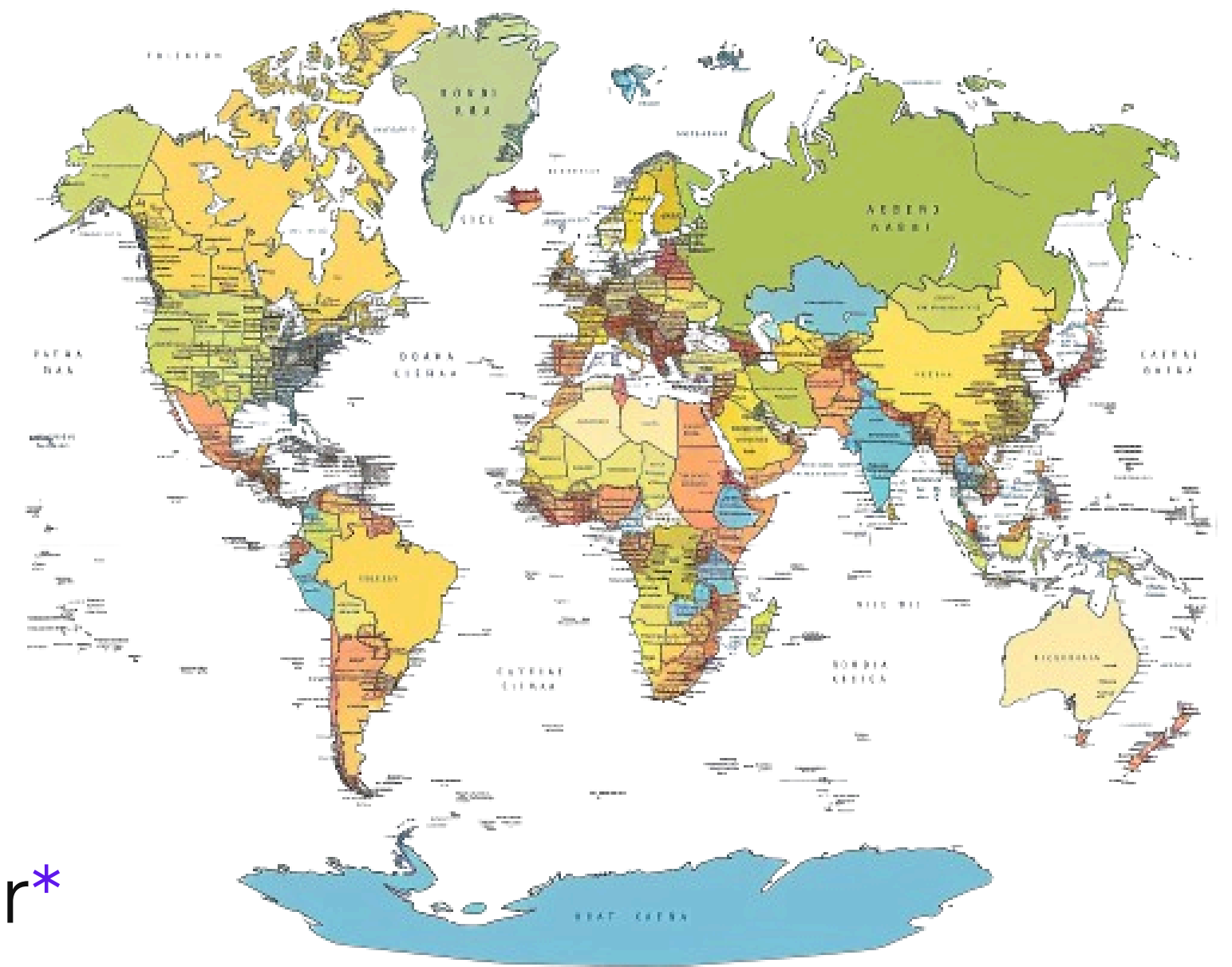
condition caller = creator condition archive != true limit 20 sort noteld

Return +

nat noteld text noteTitle blob noteText date noteDate

Market Opportunity

- Enterprises
- Frontend Developers
- Digital Agencies
- Indie Hackers / Builders
- Platform Partnerships - Bubble etc.
- No-Code Revenue 2024 **\$47bn** Yr*
- No-Code Revenue by 2027 **\$65bn** Yr*



Competitive Landscape

SANITY

XANO

 **Airtable**

 **Altogic**

 **supabase**

 **Firebase**

 **strapi**

 **backendless**

 **contentful**

Business Model

- Subscriptions
- Pay-Per-Use
- Enterprise Plans
- Templates Marketplace
- Tokenization



Roadmap

- Market Research
- Team Formation
- Apply for Grant
- Build MVP
- Secure Funding
- Build and Grow...



Team

Jake Kemsley - Product Designer / Project Manager

- 20+ Years Digital Agency Experience
- 3 Years Building on ICP Experience
- BSc 1st Class Hons



Required

- ICP Blockchain Engineer
- Frontend Developer

Why Now?

- Market readiness
- First-mover advantage
- Democratizing access
- New wave of creators
- Maturing landscape





Thanks for your interest!

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