

Kintone Web Database

Your Project's Backend



[Kintone Developer Program](#)

[Slides](#)

[Code](#)



Press Space for the next page →

Overview



① What is Kintone? 🏛️

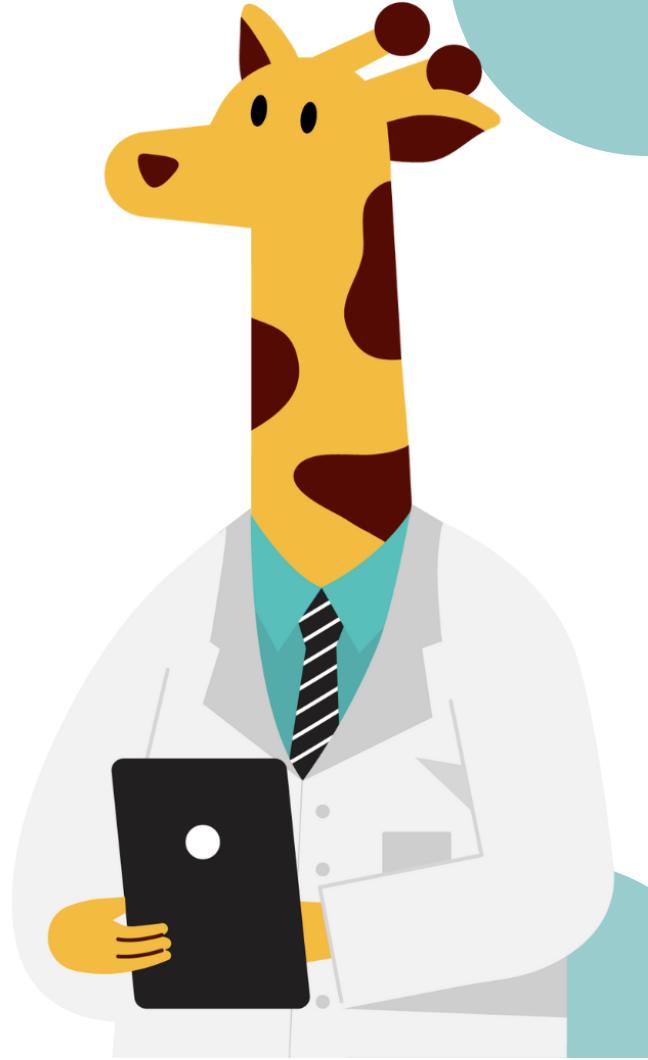
- ▶ Kintone's Features

② How to Use Kintone? 🏠

- ▶ Example Projects

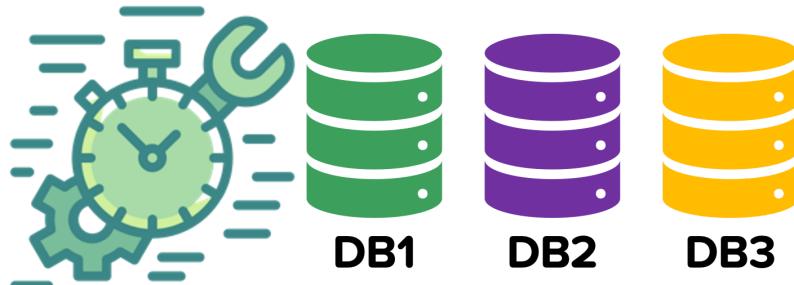
③ How to Get Started? ✎

- ▶ When the fun starts



What is Kintone?

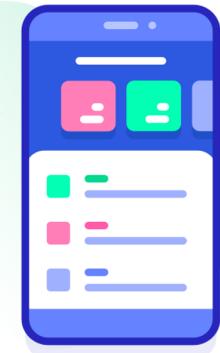
Kintone is a **low-code** platform that allows you to **build web databases** easily & quickly! 



Your Project's Web Database



Use Kintone to **store**
incoming data or
manage outgoing data!



Traditional Databases 😞

Needs a **high-level** understanding of databases

Servers need to be **constantly running** & maintained to be accessed

Query 1 actor database1 - Schema employee table - Table employee table employee table

Table Name: **employee table**

Charset/Collation: utf8mb4 utf8mb4_0900_ai_ci

Comments:

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
employee id	INT(11)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
first name	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
last name	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Age	INT(11)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
Department name	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Column Name: Department name

Charset/Collation: Default Charset

Comments:



Kintone Databases 😊

Databases are created with
intuitive **drag-&-drop** GUI

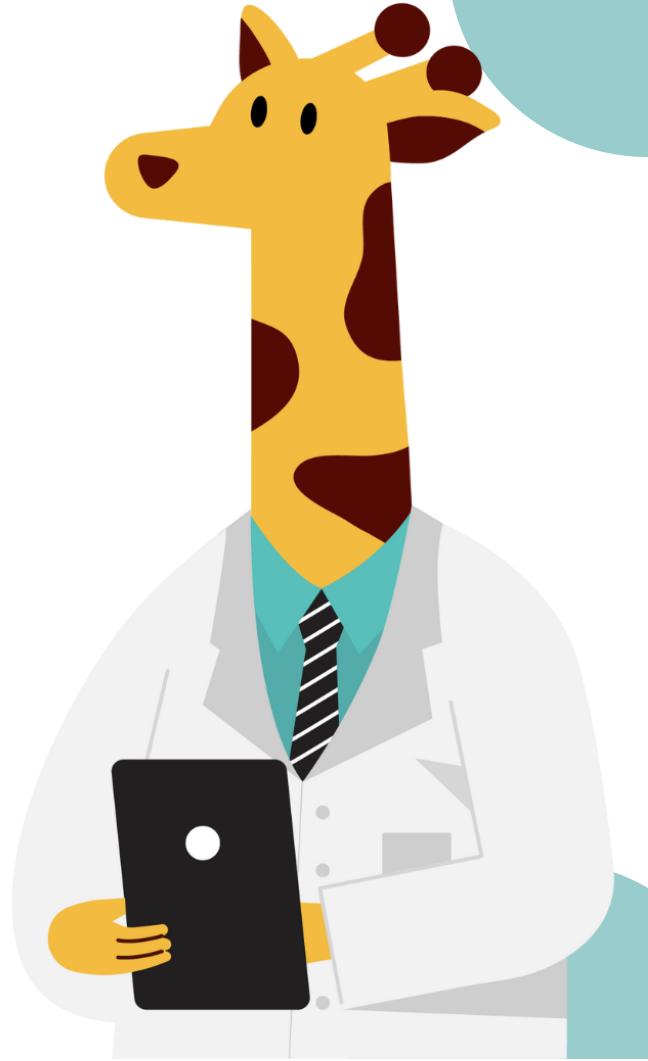
No servers need to be set up by
the user

The screenshot shows the Kintone app builder interface. At the top, there's a header with 'Sales & Leads > Settings' on the left and 'Last Updated: 1 Mary Simpson 12:10 AM' on the right, along with 'Discard Changes' and 'Update App' buttons. Below the header, there are tabs for 'Form', 'Views', 'Graphs', and 'App Settings'. The 'Form' tab is selected, showing a 'Save Form' button at the top. To the left is a sidebar with various field type icons: Label, Rich text, Number, Radio button, Multi-choice, Date, Date and time, Link, Department selection, Related records, Blank space, Field group, Record number, Created datetime, and Updated datetime. To the right of the sidebar is a main area titled 'Leads & Sales' containing fields for 'Lead Title' and 'Sales Representative', and a section titled 'Contact Info' with fields for 'Company Name', 'Website', 'Contact Name', 'Job Title', 'Email', and 'Telephone Number'. At the bottom, there's a table with columns 'Product Name', 'Product ID', 'Unit Price', and 'Quantity'.

How to Use Kintone? 🎓

Access Kintone Database Data
via

- ▶ Web Browser 🌐
- ▶ REST API 📊

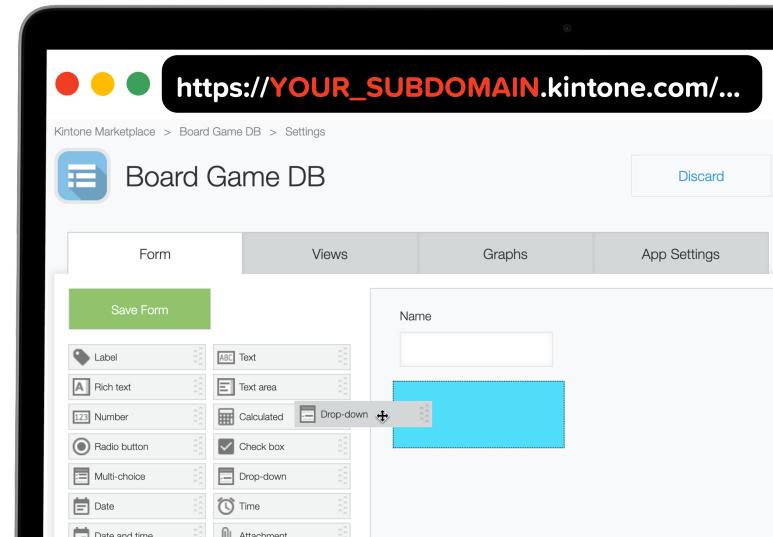


Access Kintone DBs via the Browser



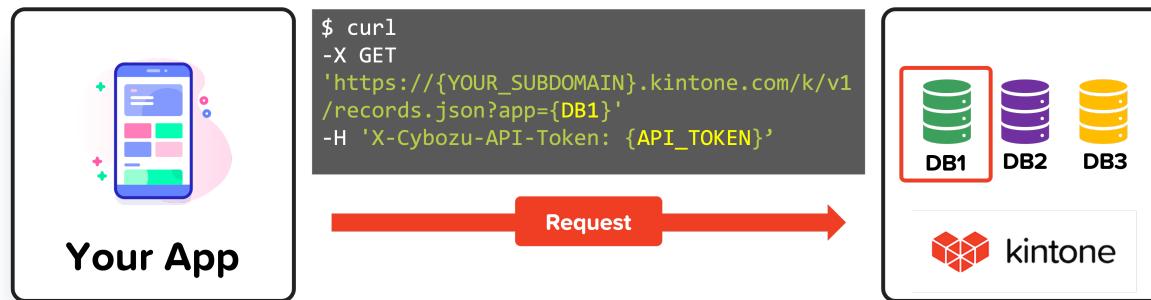
Use the GUI to:

- Create & Edit Databases 
- View/ Add/ Edit Records 
- Add JS Customizations 

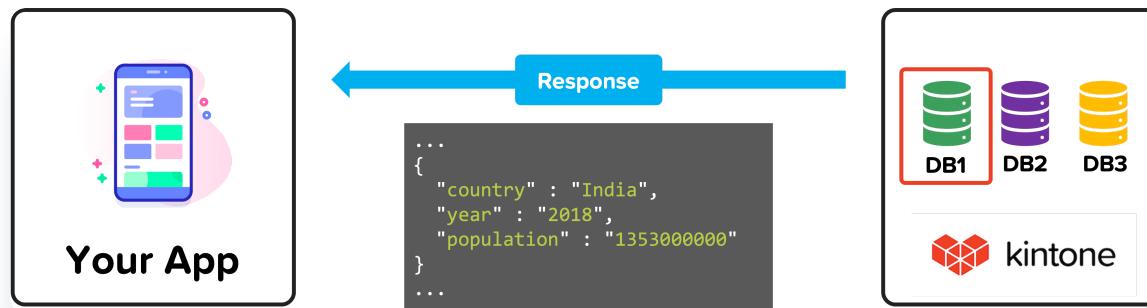


The screenshot shows the Kintone marketplace interface for a 'Board Game DB'. At the top, there are three colored dots (red, yellow, green) and a URL bar displaying [https://YOUR_SUBDOMAIN.kintone.com/...](https://YOUR_SUBDOMAIN.kintone.com/). Below the URL is a breadcrumb navigation: Kintone Marketplace > Board Game DB > Settings. The main title is 'Board Game DB'. On the right, there are tabs for 'Form', 'Views', 'Graphs', and 'App Settings', with 'Form' selected. A large green button labeled 'Save Form' is visible. To the right of the form editor, there is a section for adding fields, with a 'Name' field and a blue placeholder box. On the left, a grid of field types is shown, each with a plus sign to add more instances. The field types include: Label, Rich text, Number, Radio button, Multi-choice, Date, Date and time, Text, Text area, Calculated, Drop-down, Check box, Drop-down, Time, and Attachment.

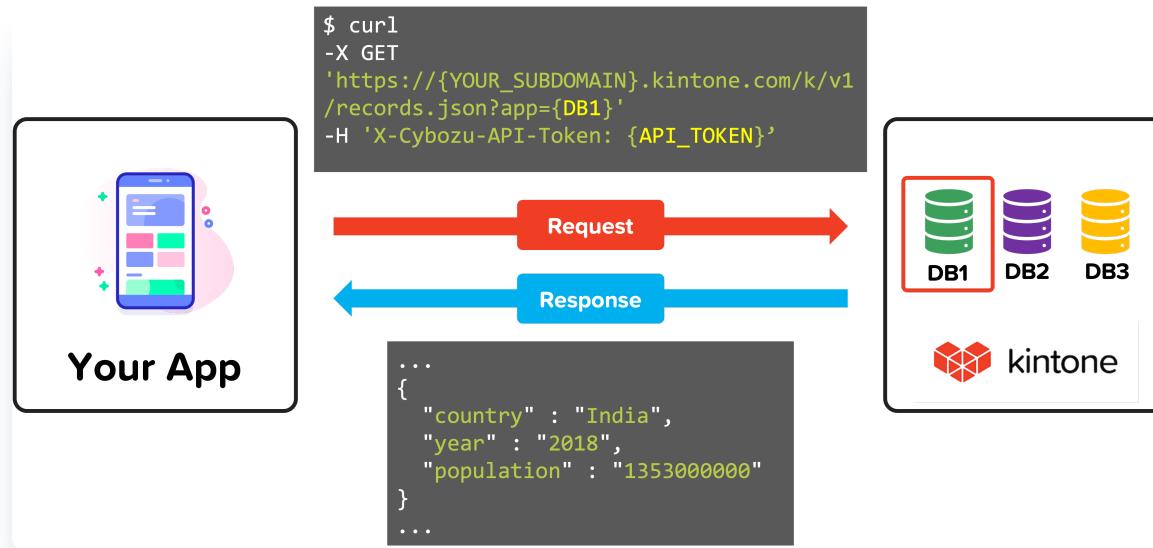
Access Kintone DBs via REST API ↲



Access Kintone DBs via REST API ↲ ↴



Access Kintone DBs via REST API ↲



IoT Samurai Swords

Created by [@RyBB](#) - Article

Users are challenged to slice their enemies as quickly as possible with a samurai sword!

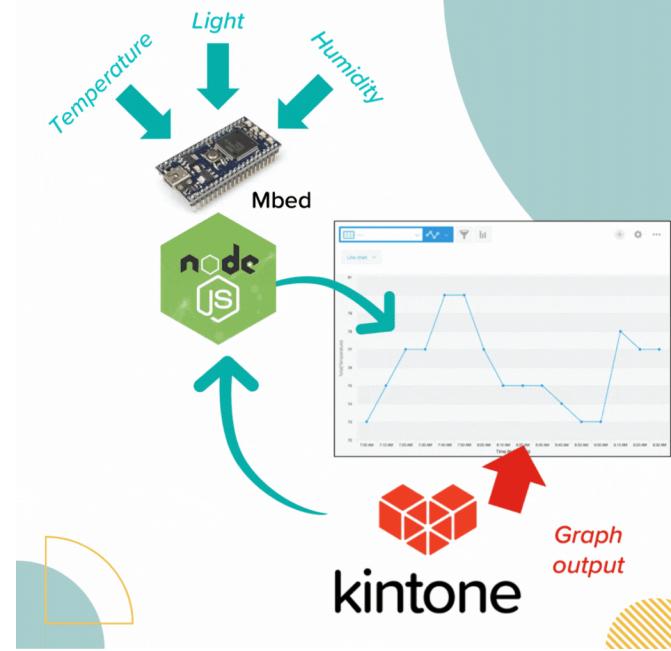
- Sensor records the sword action speed
- Kintone hosts the game, scoreboard, & IoT data
- Doll's magnetic head falls off when the user wins



Hibotan / Flowerpot Project

Created by Nobuyuki Furukawa - ヒボたん

- A moving flowerpot that uses **Kintone as the backend** to store sensor data.
- Sensors are attached to a mbed microcontroller & periodically send data to Kintone via Node.js.
- Node.js checks Kintone's sensor values over time and controls the motors of the flowerpot.
- The flowerpot moves to a sunnier place.



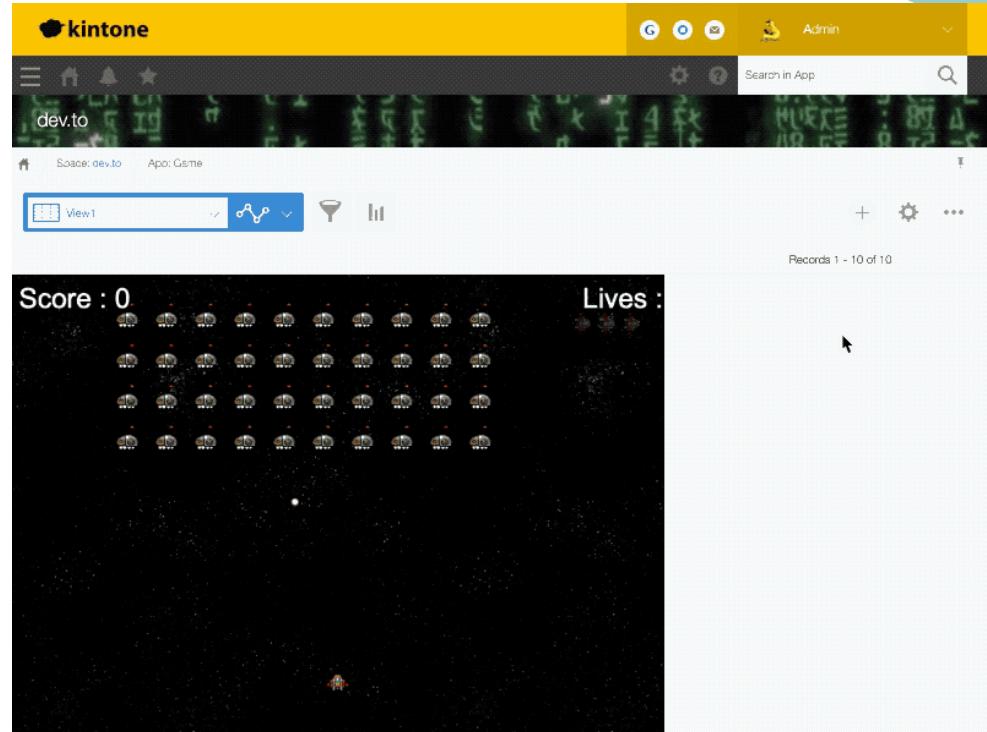
Space Invaders

Created by [@will_yama](#) & [@ahandsel](#) - Article

[Run a Space Invaders game on a Kintone App!](#)

Game specifications (number of aliens, aliens' health, etc.) are specified as Kintone records.

High scores can also be stored in Kintone.



Get your free Kintone Web Database



Go to [Kintone.dev/new!](https://Kintone.dev/new)

Fill out the Developer License Registration form for your free Kintone Subdomain!

- Use Chrome or Firefox (*NOT Safari*)
- ⚡ Accept Cookies First
- 🚧 Only use lowercase, numbers, and hyphens (-) for subdomain names
- Ex: `weekend-hacker4life`

Kintone developer program

[Kintone Developer License Terms of Service](#)

First Name*

Last Name*

Email*

Which of the following best describes you?

Please Select

What first interested you in a Kintone Developer License?

Kintone Workshops
 dev.to Articles
 YouTube Videos
 Other

What are you interested in using the Developer License for?

Studying programming
 Codeless app development
 Easy to use backend / Database
 Making plugins for clients
 My workplace uses it
 Not sure yet!

Create your Kintone Developer License subdomain (lowercase, numbers and hyphens only)*
For example: mydomain, coffee-lovers

I agree with the [Kintone Developer License Terms of Service](#) and [Privacy Policy](#).*

Where to get help? ?

Here are some resources to help you use Kintone as your project's database!

 kintone.dev

Read API Docs & Tutorials

 forum.kintone.dev

Post Questions

 [@KintoneDeveloperProgram](https://www.youtube.com/@KintoneDeveloperProgram)

Watch Tutorials



Thank You Gift! 🚀

As a **Thank You** for using Kintone in your project, we are giving away some Kintone Swag!

