

Kintone Web Database

Your Project's Backend



Genji Fujimori, Developer Advocate

Slides

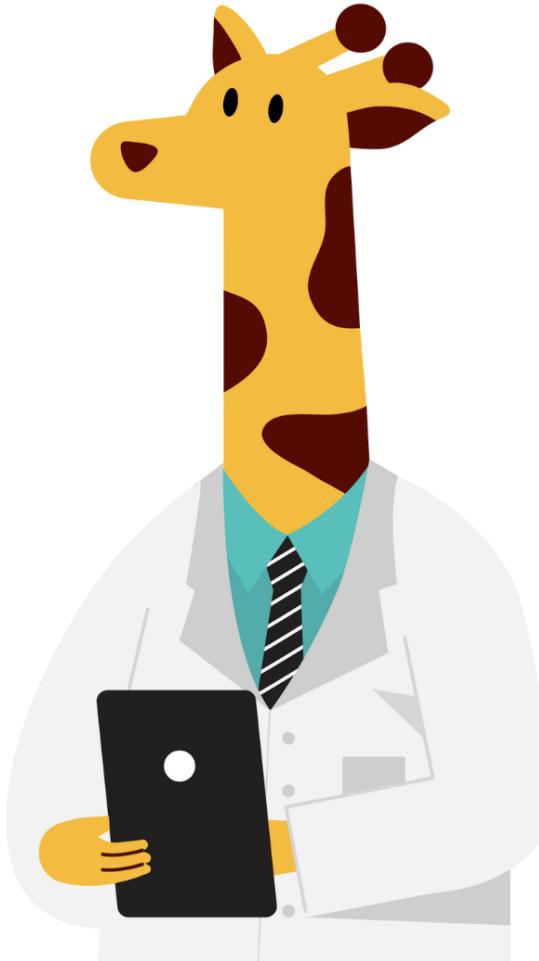


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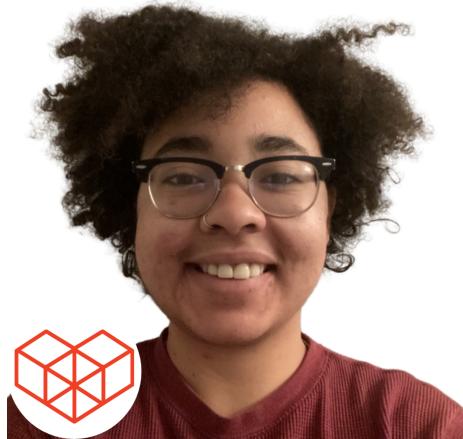


Hi from Kintone



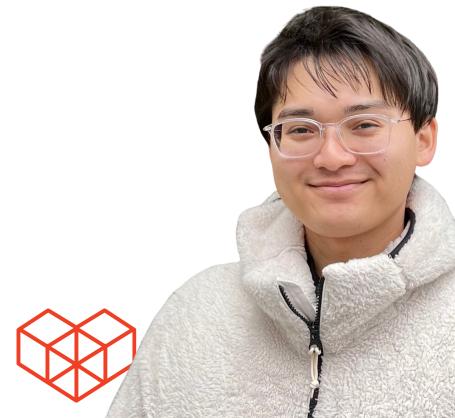
Erica Butts

Sales Engineering



Genji Fujimori

Developer Advocate



Why Use Kintone in My Project? 🤔

Free - Kintone is completely free for developers. No credit card required!

Easy - Easiest way to setup a web database for your project! No server to setup!

Quick - Build a web app quickly with just HTML & JS!

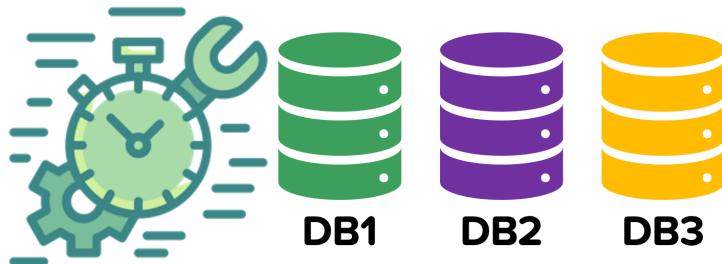
Resources - Ask Kintone staff for help! Lots of videos & articles to refer to!

Store Your Data in Kintone Web Database



Create & Configure Databases Easily

- No need to set up a server
- Simple GUI to setup the database



Simple to exchange data with Kintone

- Lots of API endpoints to interact with your data
- Type safety built-in

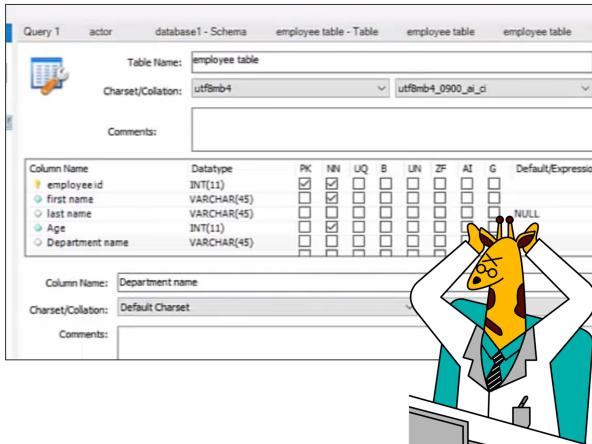


Traditional vs. Kintone Databases 🌟

Traditional Databases 😞

Requires a high-level understanding of databases

Servers need to be constantly running & maintained to be accessed



Kintone Databases 😊

Databases are created with intuitive drag-&-drop GUI

No servers set up required

The screenshot shows the Kintone app builder interface for a 'Sales & Leads' application. It displays a 'Form' tab with fields for 'Lead Title' and 'Sales Representative'. On the left, a sidebar lists various field types: Label, Rich text, Text area, Calculated, Check box, Drop-down, Multi-choice, Date, Data and time, Time, Attachment, Link, Department selection, Related records, Blank space, Field group, Record number, Created by, Updated by, Created datetime, Updated datetime, and Border. A preview of the form is shown on the right, featuring sections for 'Leads & Sales' and 'Contact Info'.

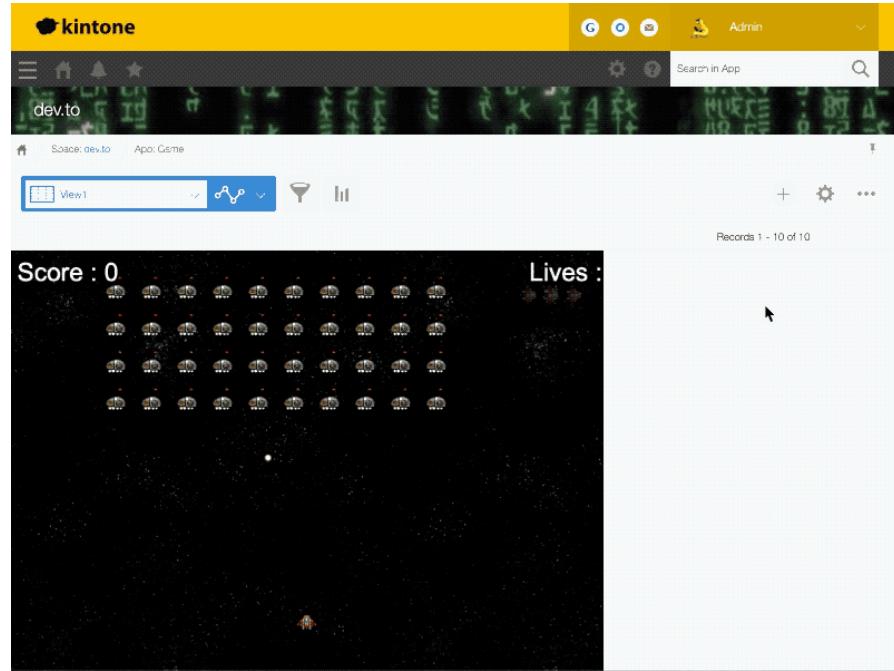
Space Invaders 🖼

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.



IoT Samurai Swords 🗡

Created by @RyBB - Article

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

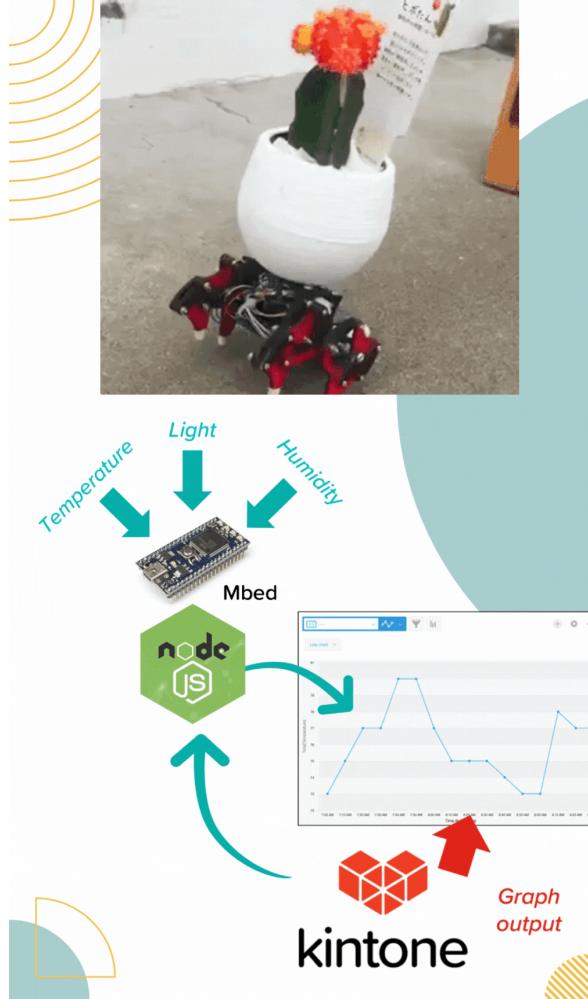
- Sensor records the sword action speed
- Kintone hosts the game, scoreboard, & IoT data
- Doll's magnetic head falls off when the user wins



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.



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
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kintone developer program

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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 Watch Tutorials

 Ask Kintone mentors Office Hours & Discord



Kintone Prize 🏆

Win the Best Use of Kintone Prize!

Every member of the winning team will get \$100 gift cards and swag! 🎉

All teams that used Kintone will get swag!

We want to thank all those who used Kintone in their projects!



Kintone Prize Judging

Judge - Genji Fujimori



Judging Criteria

1. How well Kintone was used in the project?
 - *What Kintone features were used?*

2. How technically challenging the Kintone implementation was?
 - *What Kintone APIs were used?*