

Kintone Web Database

Your Project's Backend



[Kintone Developer Program](#)

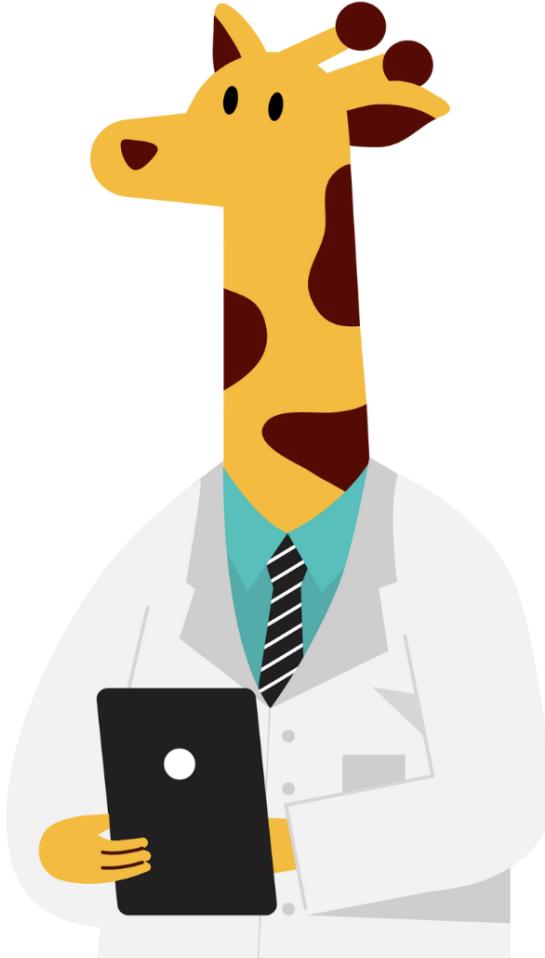
Slides 



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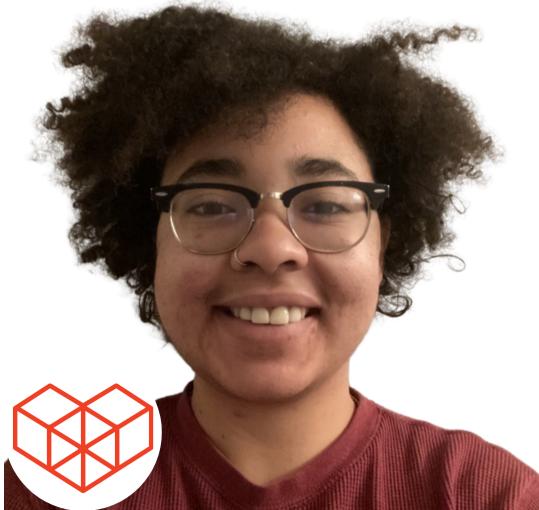
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Hi from Kintone



Erica Butts



- Sales Engineer at Kintone
- Graduate student of Software Engineering at NJIT
- Based in Brooklyn, NY
- Passionate about space and technology.

Why Use Kintone in My Project? 🤔

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

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

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

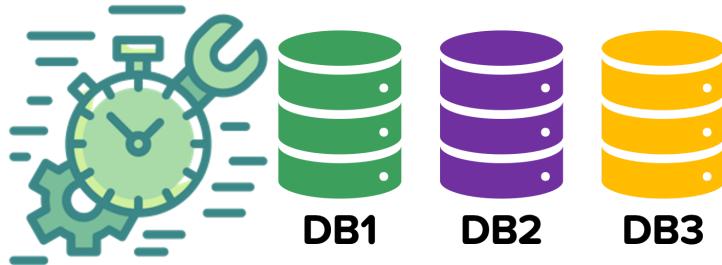
Resources - Ask Kintone staff for help! Lots of videos & articles to refer to!

Store Your Data in Kintone Web Database



Create & Configure Databases Easily

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



Simple to exchange data with Kintone

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

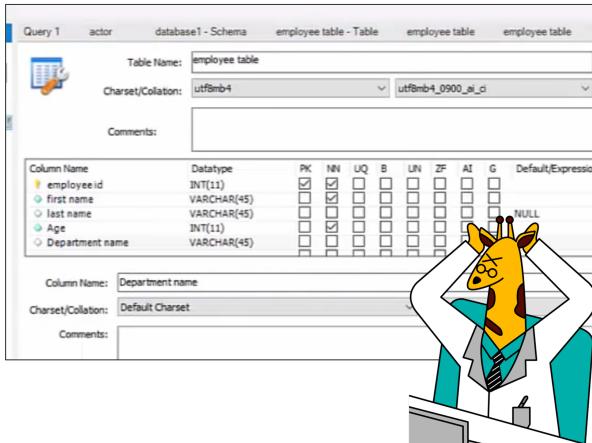


Traditional vs. Kintone Databases 😐💡

Traditional Databases 😐

Requires a high-level understanding of databases

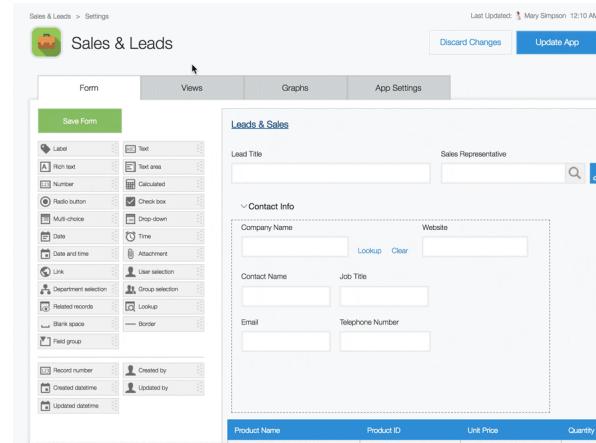
Servers need to be constantly running & maintained to be accessed



Kintone Databases 😊

Databases are created with intuitive drag-&-drop GUI

No servers set up required



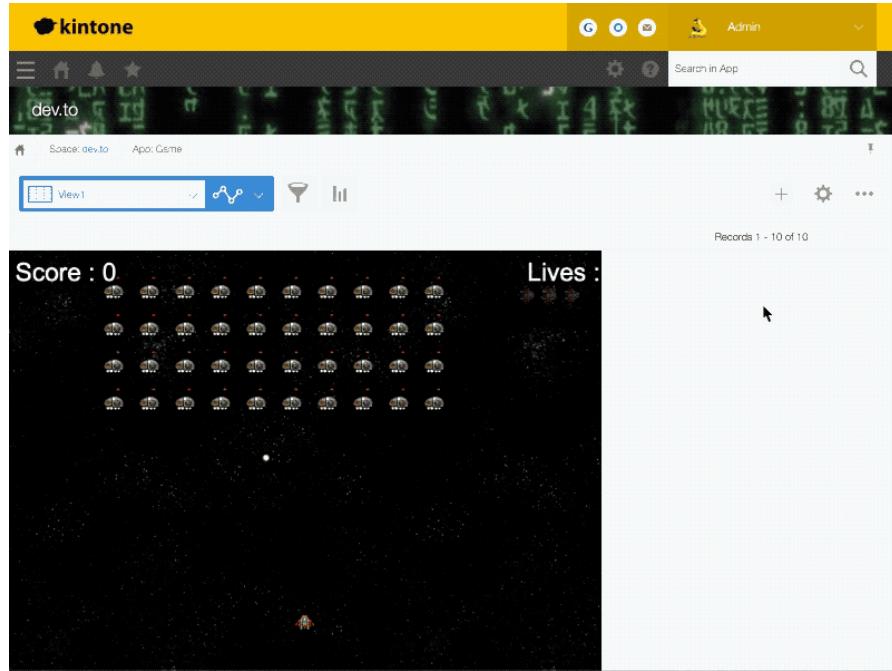
Space Invaders 🖼

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!

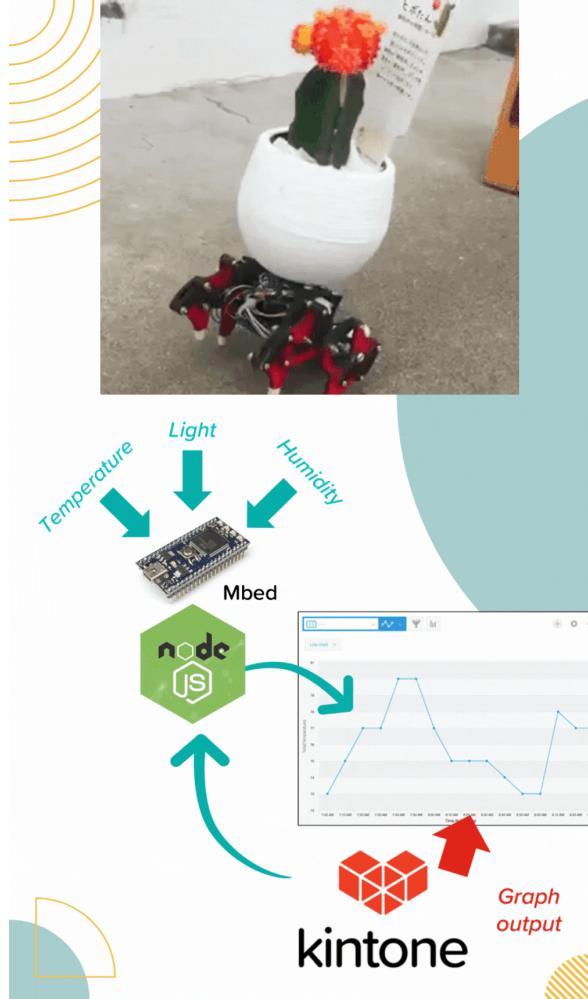
- Sensor records the sword action speed
- Kintone hosts the game, scoreboard, & IoT data
- Doll's magnetic head falls off when the user wins



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
- Ex: weekend-hacker4life

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 Prizes



1st Place - WALLY Pro Portable Wall Charger

All winning team members will get a 63w USB-C Wall Charger & 10,000 mAh battery combo!

2nd Place - WALLY Mini Wall Charger

All winning team members will get a 20W Dual Port USB-C & USB-A Charger!

Every Kintone User - Swag

All teams that used Kintone in their project will get swag!



Kintone Prize Judging Criteria

How was Kintone used in the project?

- Which Kintone features were used?
- The more Kintone is integrated into the project, the better!

How technically challenging was the Kintone implementation?

- Which Kintone APIs were used?
- ~~What kind of data was stored in Kintone?~~