

Kintone Web Database

Your Project's Backend



Genji Fujimori, Developer Advocate



Slides



Press Space for the next page →

Table of Contents ≡:

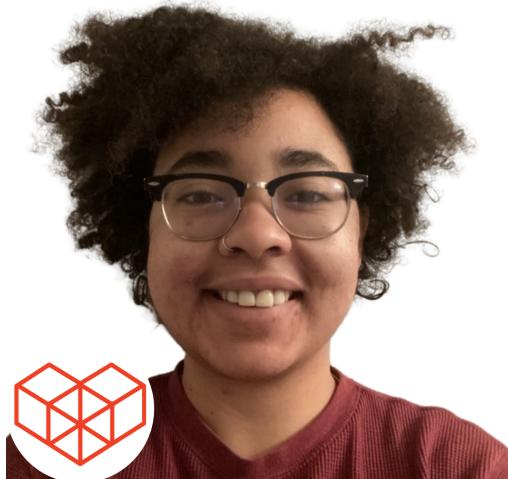
1. Hi from Kintone
2. Why Use Kintone in My Project?
3. Store Your Data in Kintone Web Database
4. Traditional vs. Kintone Databases
5. Example - Space Invaders
6. Example - IoT Samurai Swords
7. Example - Hibotan / Flowerpot Project
8. Get your Kintone
9. Kintone Prize

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!

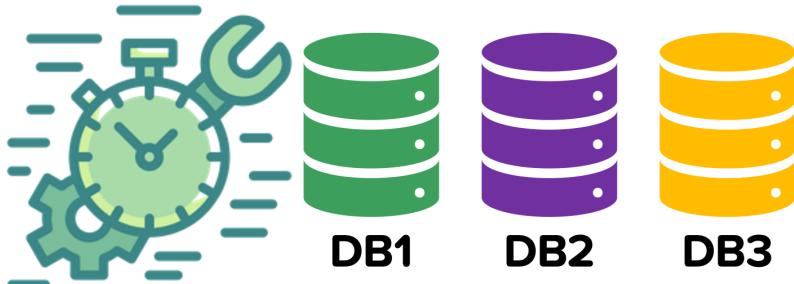
Resources - Ask Kintone staff for help! Lots of videos & articles to refer to!

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

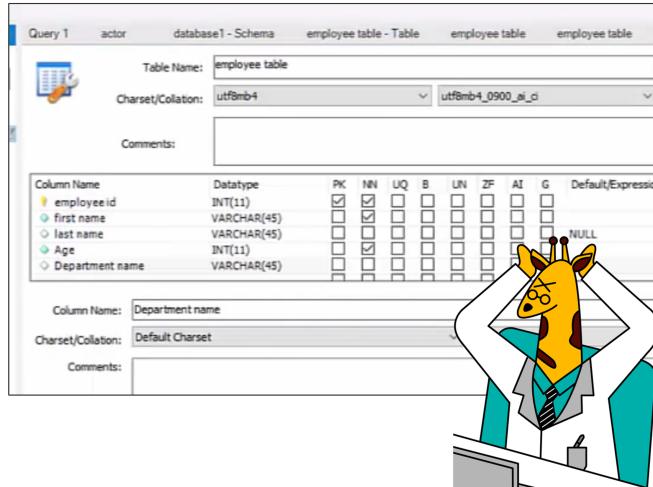


Traditional vs. Kintone Databases 😐💡

Traditional Databases 😐

Requires a high-level understanding of databases

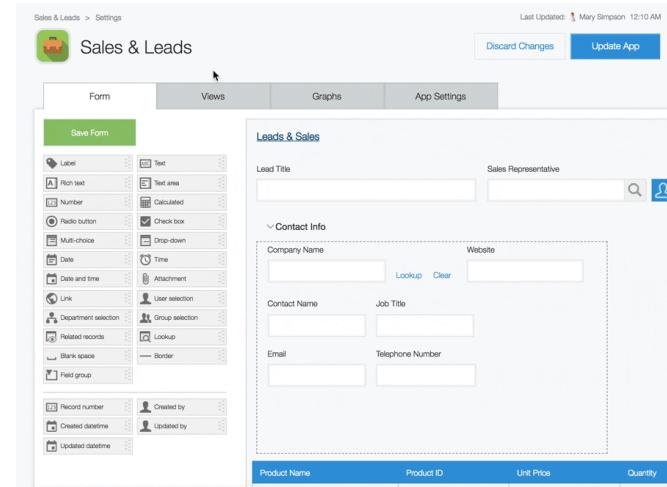
Servers need to be constantly running & maintained to be accessed



Kintone Databases 😊

Databases are created with intuitive drag-&-drop GUI

No servers set up required



Space Invaders

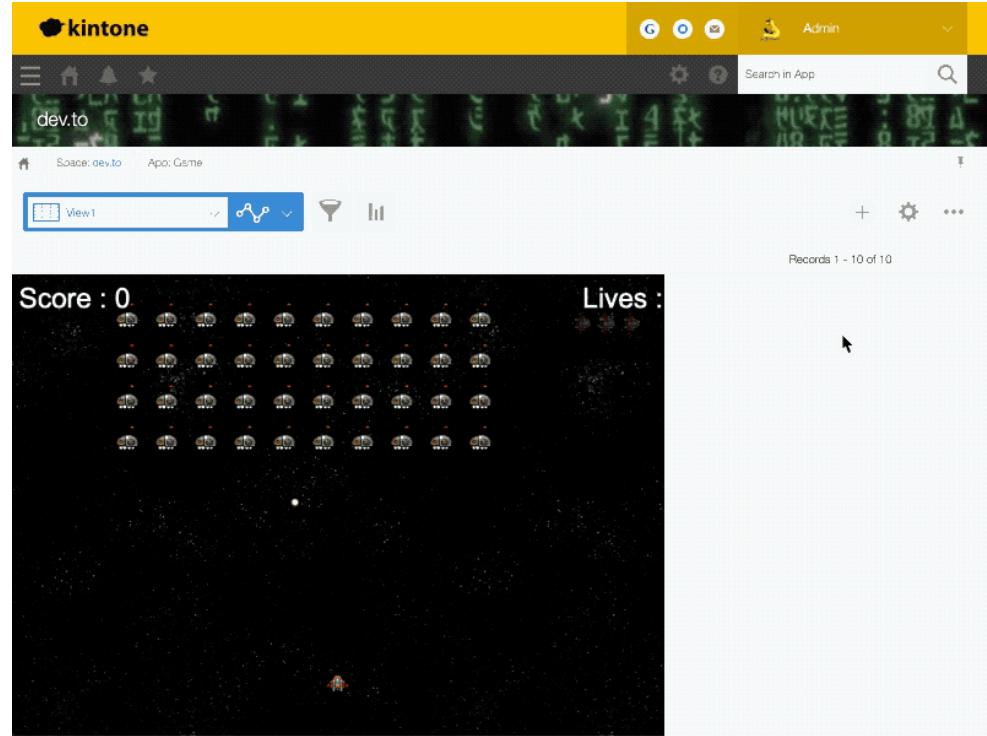


Created by @will_yama & @ahandsel - Article

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!

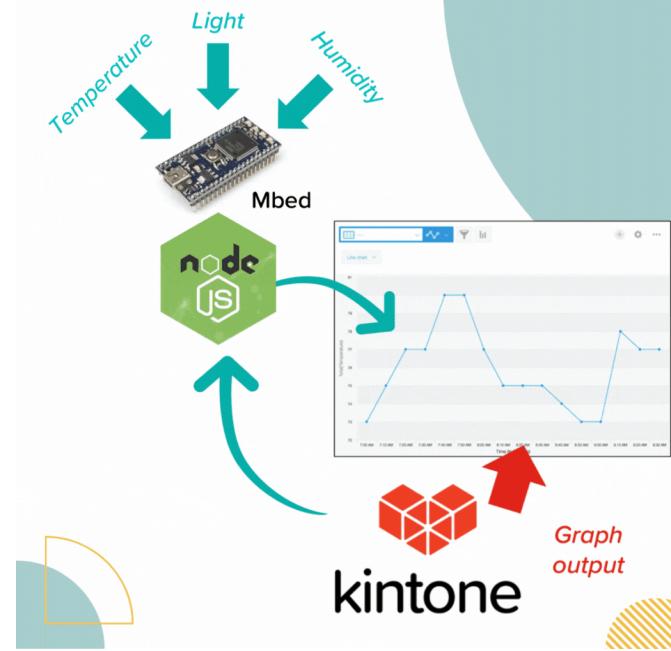
- Sensor records the sword action speed
- Kintone hosts the game, scoreboard, & IoT data
- Doll's magnetic head falls off when the user wins



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

[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
-

-  Ask Kintone mentors Office Hours & Slack



Kintone Prize



Win the Best Use of Kintone Prize!

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

Every team that uses Kintone will also get swag!

