



OpenAI



kintone

JS

JavaScript Workshop

BUILD AN OPENAI ART
GENERATOR & GALLERY





Welcome to the OpenAI Art Generator Workshop!



Recording will
be shared

Download Code & Slides

bit.ly/kdp-ai-art

git clone the
GitHub Repo



Get Your Kintone Subdomain

Developer License
Registration Form

bit.ly/KDP_NEW



Asking Questions & Raising Hands

Post questions in
the chat anytime!

Include your code
& error messages.





FYI 🤗

YouTube

Subscribe to get notified we upload the recording!

bit.ly/KDP_Video



Gift Card Raffle

Stay till the end to **enter a raffle!**
Get one \$25 gift card!



SWAG Gift Away

Fill out our survey to get **free swag!**

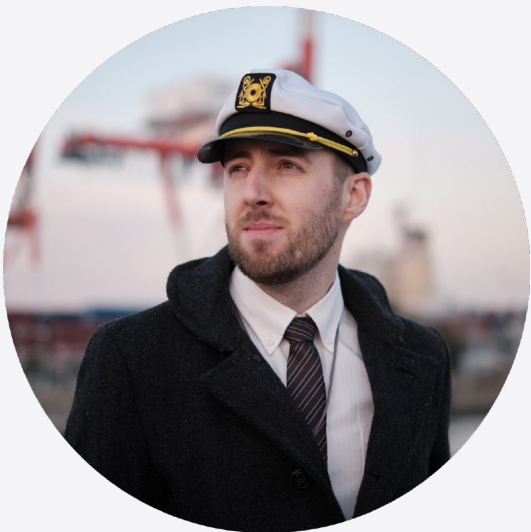
Limited to North American addresses





Hello From Kintone

Sean



Genji





Jesslyn











What We Will Make Today


 kintone

 Developer







Search in App





AI Image Generator and Gallery


 App: AI Image Generator and Gallery


Gallery























Records 1 - 8 of 8

	Result	
		
		
		



Workshop Overview

Project Setup

Install Dependencies

Create an .env file

Create a Web Database

Coding

Kintone Customize
Uploader

Understand OpenAI API

Map Kintone Data

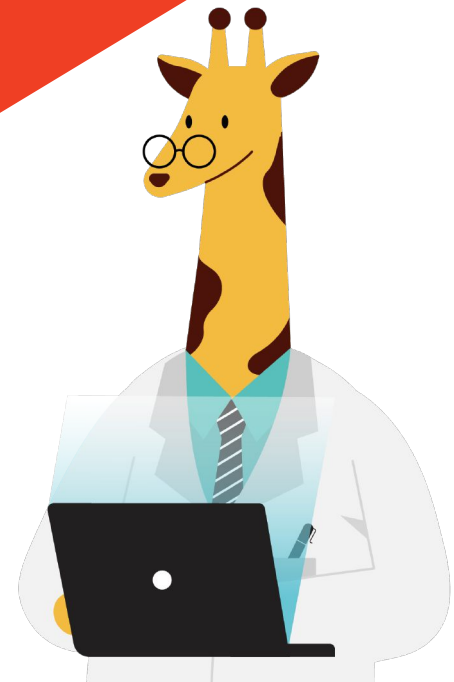
Extras!

How to get help

How to use other OpenAI
APIs

Refactor codebase

Quick Dive into DALL-E API!



What is DALL-E?

OpenAI's AI system that generates images from textual descriptions

Based on a Generative Pre-trained Transformer 3 (GPT-3) neural network architecture

- Trained on massive amount of text data (i.e., the Internet)
- Goal is to "comprehend" natural language

DALL-E can generate a wide range of images

- Everything from abstract art to photo-like scenes

DALL-E API?

Image generation APIs are currently released as a public beta

3 methods for interacting with images:

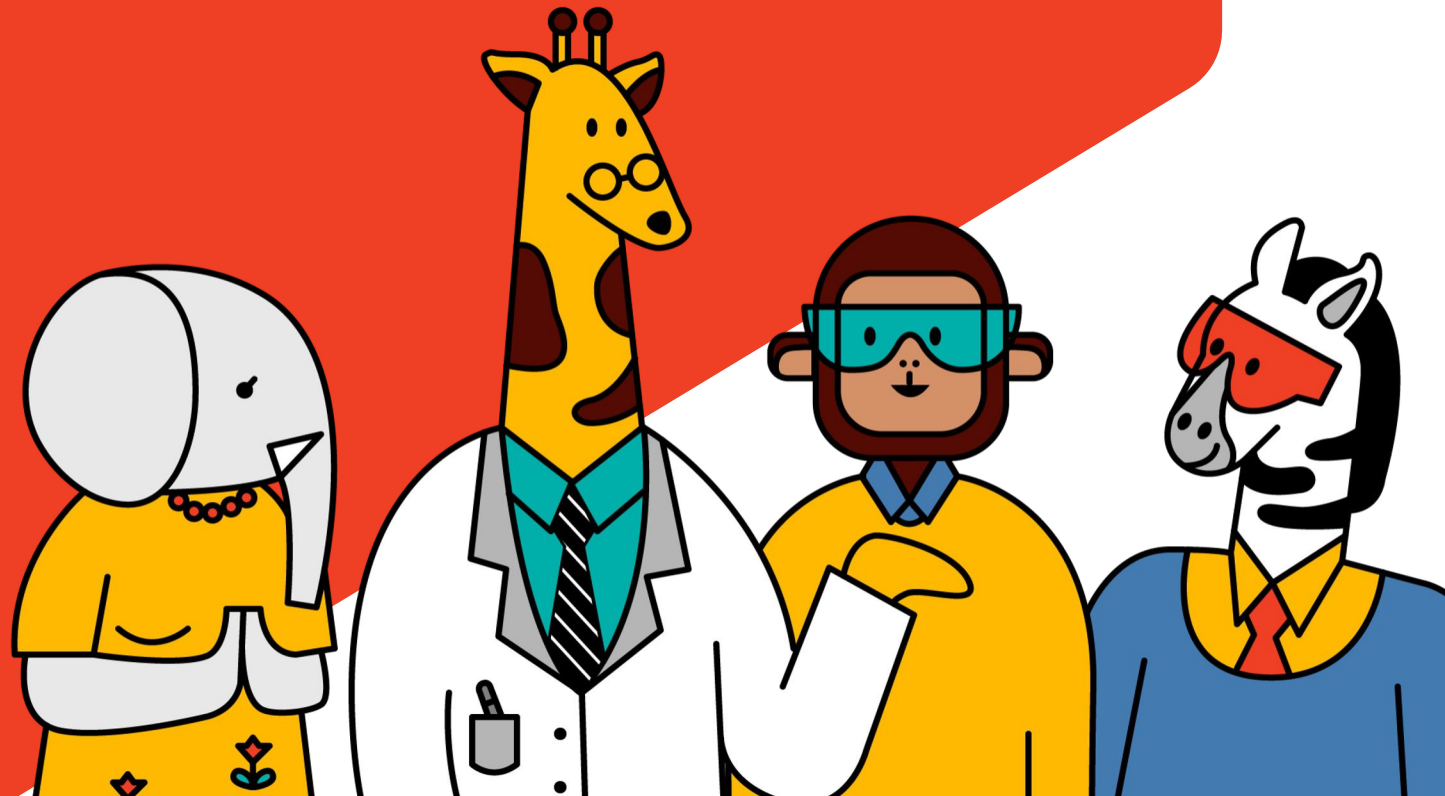
- Generating new images based on a text prompt
- Editing an existing image based on a text prompt
- Generating variations based on an existing image

Pricing is per image and varies by resolution:

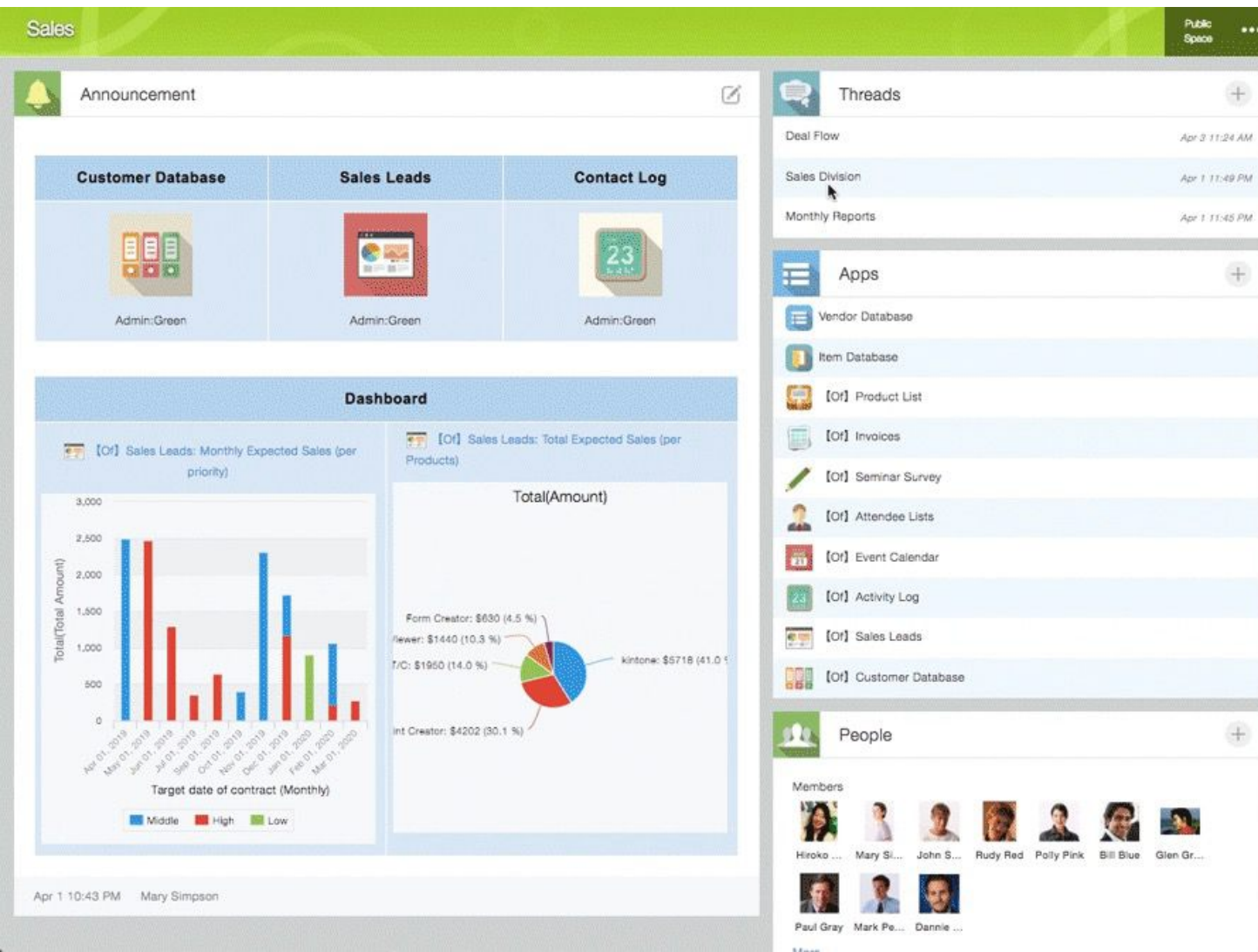
- $1024 \times 1024 = \$0.020$ | $512 \times 512 = \$0.018$ | $256 \times 256 = \$0.016$

What is Kintone?

Built for teamwork,
designed by you



What is Kintone?

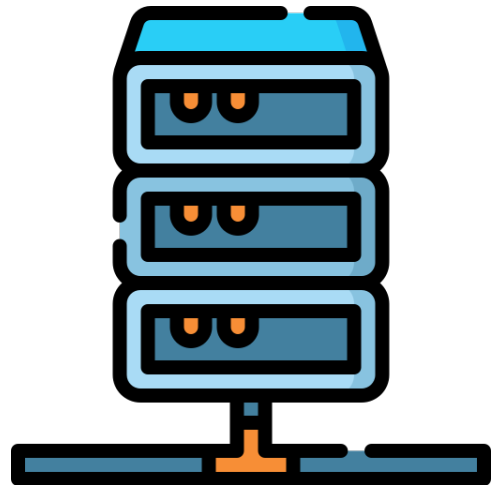


Kintone is a **no-code & low-code** cloud platform for teams to easily share and **collaborate** on their **data** efficiently.

Where Kintone is Special!



kintone



Data & the conversations
about the data are
all in one place



Missing - Unified Communication

Where did that message go?

Data Silos

Information is not being shared effectively

Scattered Communication

Unclear where the conversation is happening

Kintone Apps

Shared To Do

App: Shared To Do

To Do App with Process Management feature. All tasks assigned to you can be viewed under "Assigned to me" section on the portal page. Always be organized and on time by setting up reminders and visualizing team's progress through snazzy graphs.

My To Do

Records 1 - 5 of 5

To Do	Priority	Due date	Status	Details	Attachment	
Define requirements	Medium	Apr 05, 2019	In progress	Please start defining the requirements for our ne...		
Research vendors	Medium	Apr 08, 2019	Complete	Find at least 3 vendors and summarize their pro...		
Send invoice to customer	High	Apr 11, 2019	Assigned			
Define scope	Low	Apr 12, 2019	Assigned	XYZ Project would be a long project divided into...		
Map out schedule	Low	Apr 19, 2019	Assigned			

Records 1 - 5 of 5


The main building block in Kintone is an **App**.

Imagine an **App** as a powerful, online table where data is stored in records.

Kintone Apps

Sales & Leads > Settings

Last Updated: Mary Simpson 12:10 AM

 Sales & Leads

[Discard Changes](#) [Update App](#)

Form Views Graphs App Settings

Save Form

Label Text Rich text Text area Number Calculated Radio button Check box Multi-choice Drop-down Date Time Date and time Attachment Link User selection Department selection Group selection Related records Lookup Blank space Border Field group Record number Created by Created datetime Updated by Updated datetime

Leads & Sales

Lead Title Sales Representative

▼ Contact Info

Company Name Website

Contact Name Job Title

Email Telephone Number

Product Name	Product ID	Unit Price	Quantity
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Apps are easy to **create** using a **drag-and-drop** interface with no coding needed.

Apps are extensively **customizable** with client-side **JavaScript**.

Everyone Contributes!

As a **no-code & low-code platform**, Kintone supports non-coders with visual programming UI while enabling sophisticated customization



Anyone can create
Apps that they need
without coding



Product
Catalog



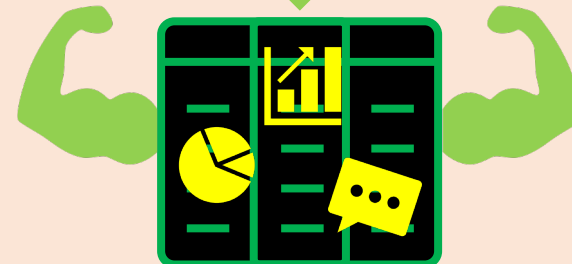
Knowledge
Base



Job
Vacancies

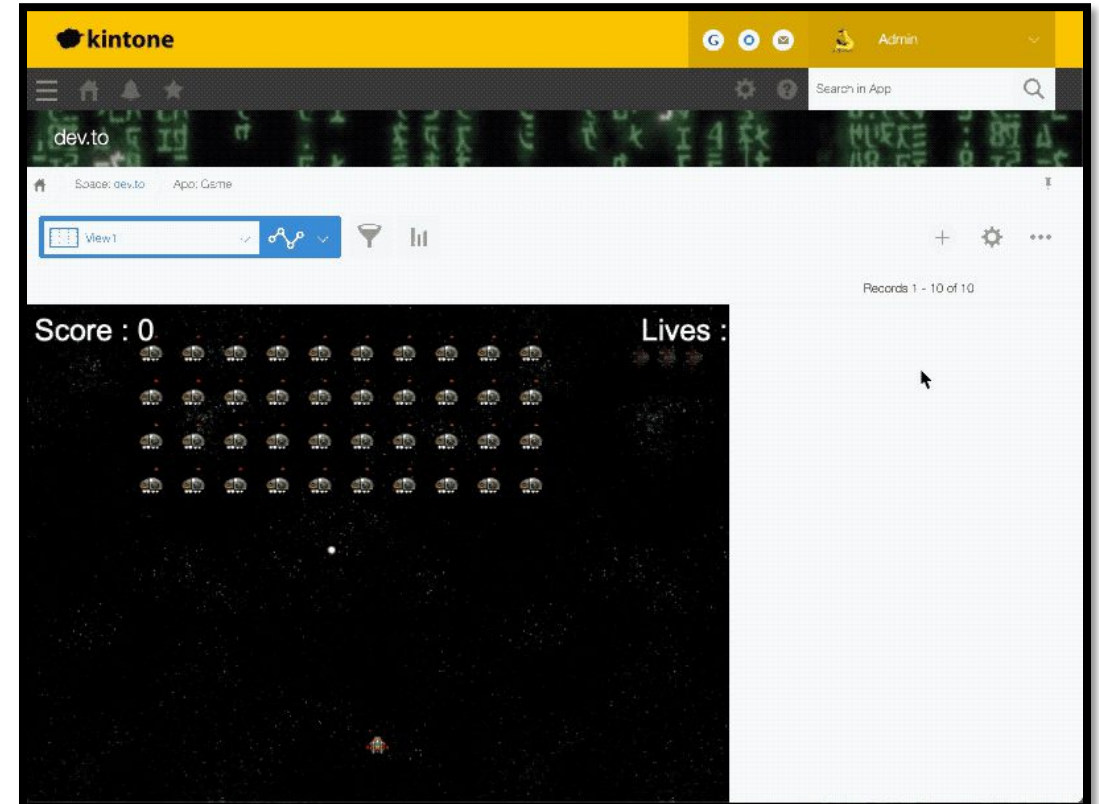
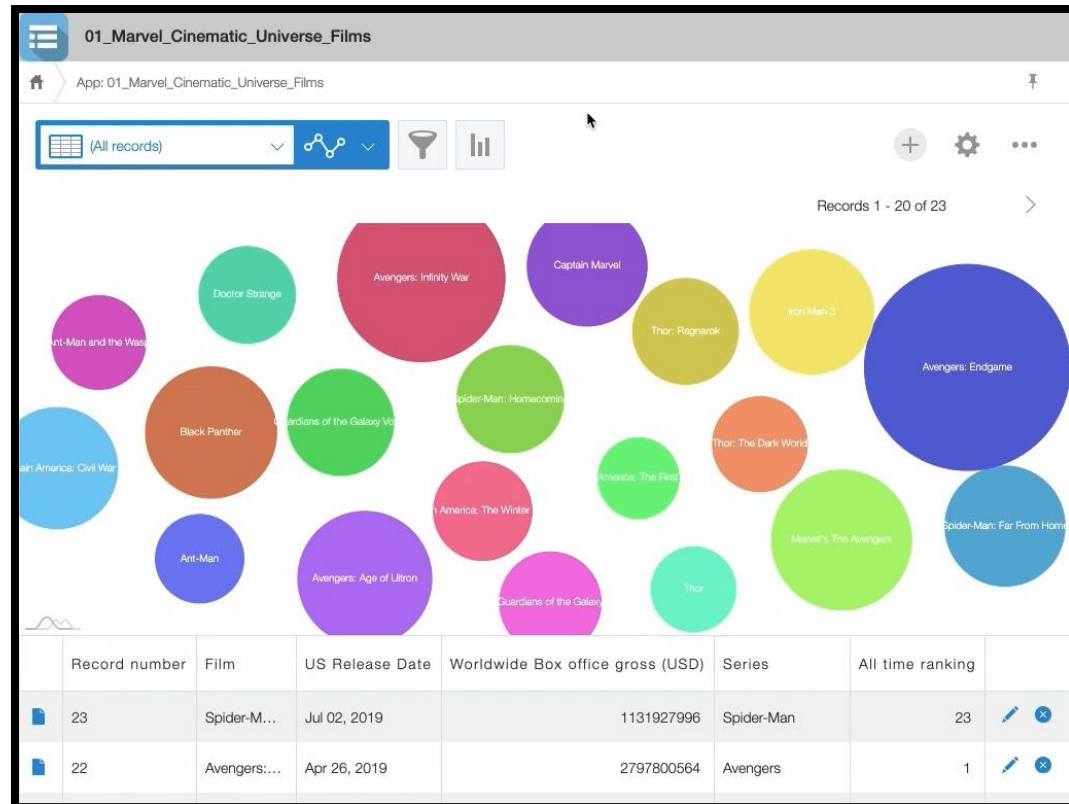


Developers can
enhance the Apps
with JavaScript



Create a Custom Look and Feel

Display data the way you want with HTML, JS, and CSS



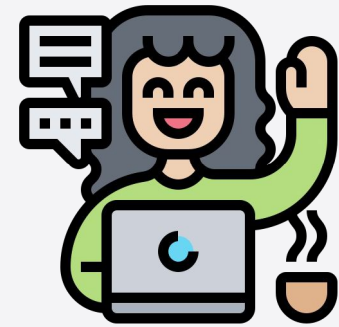
Kintone For Self Learning



Keep learning new
JavaScript tricks!



Contribute your
learnings to tech
blogs



Share your
projects with your
community!

Kintone For Creating Revenue



Create & sell
Kintone
extensions



Consult with firms
on achieving
business goals



Develop Kintone
customizations for
customers

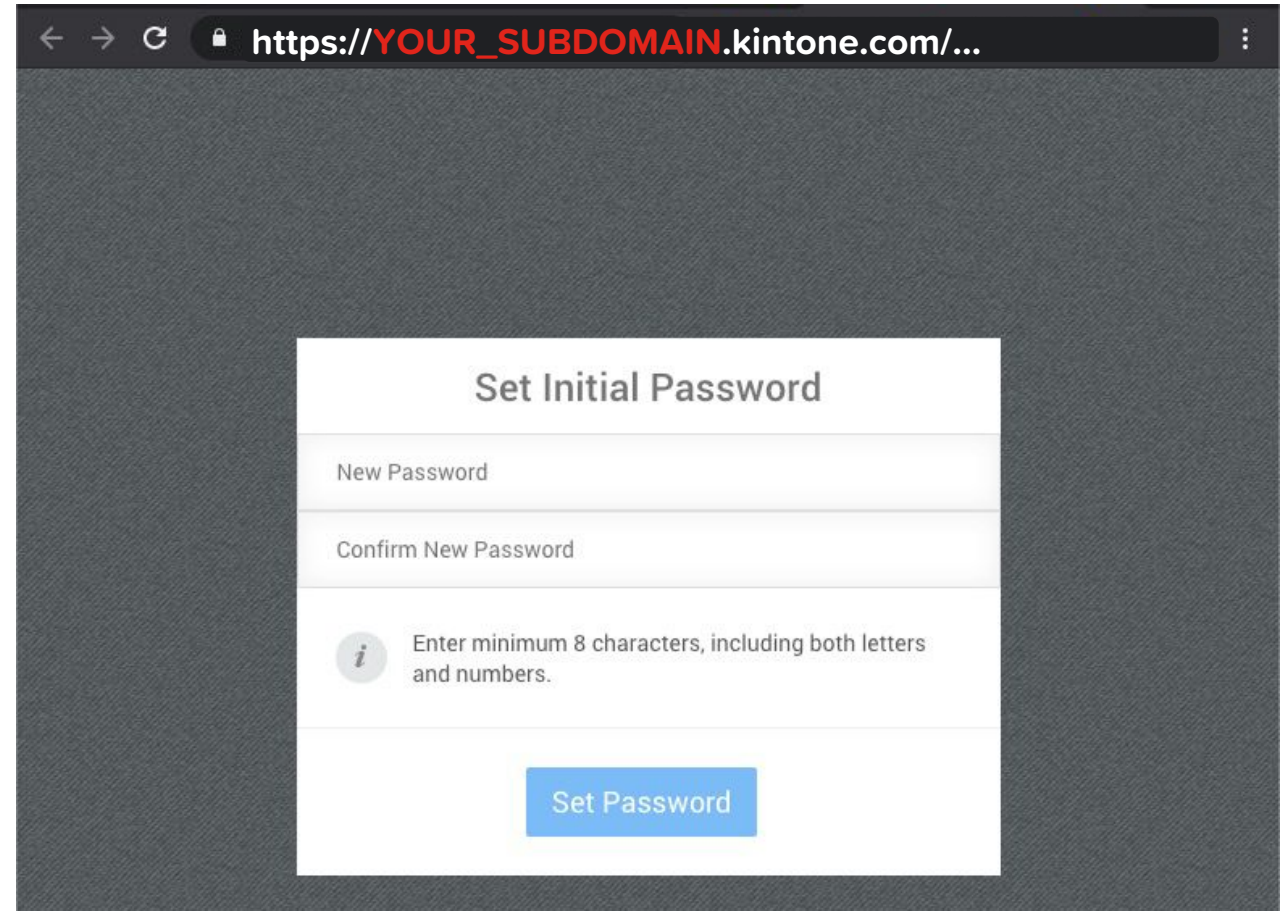
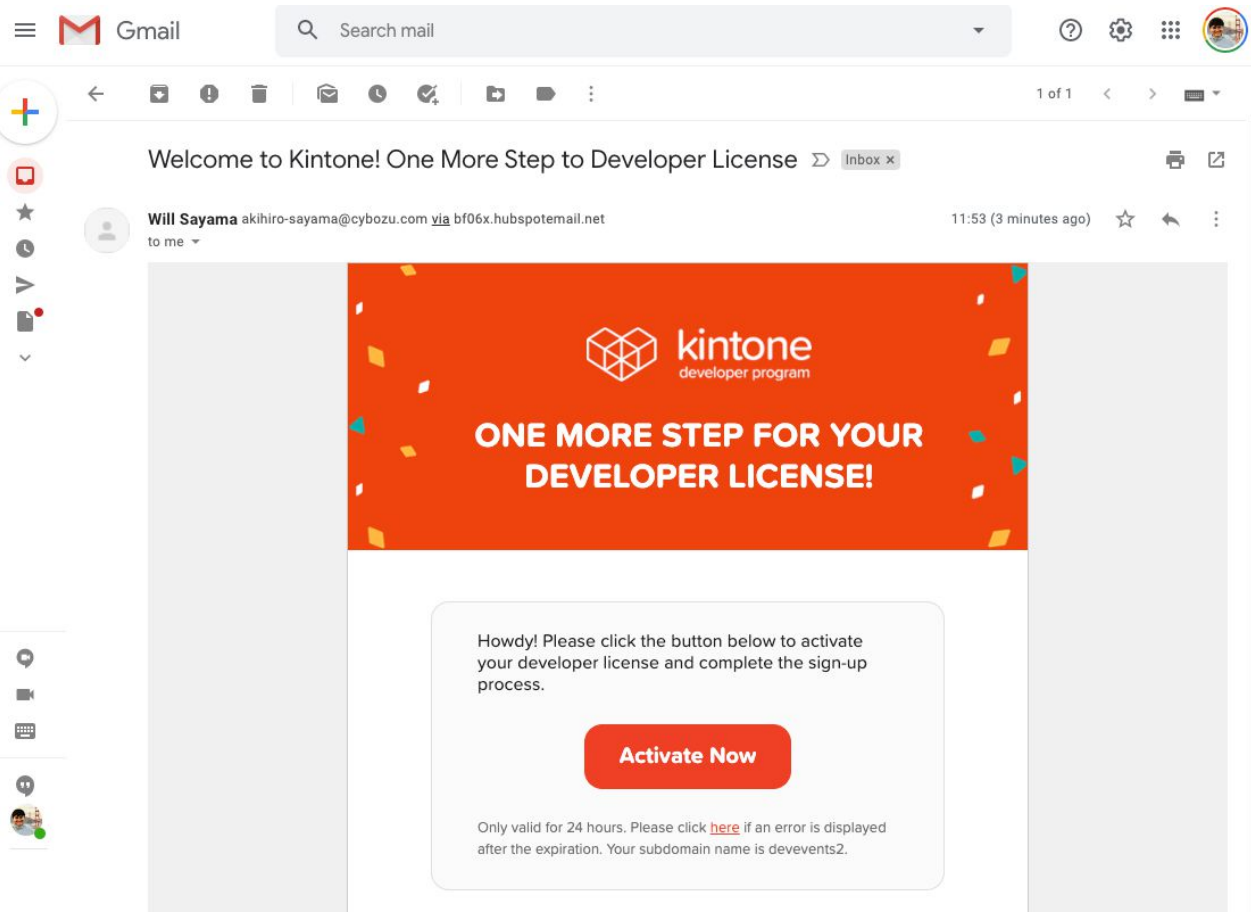
Start Using Kintone



Check Your Email

Welcome to Kintone! One More Step To...

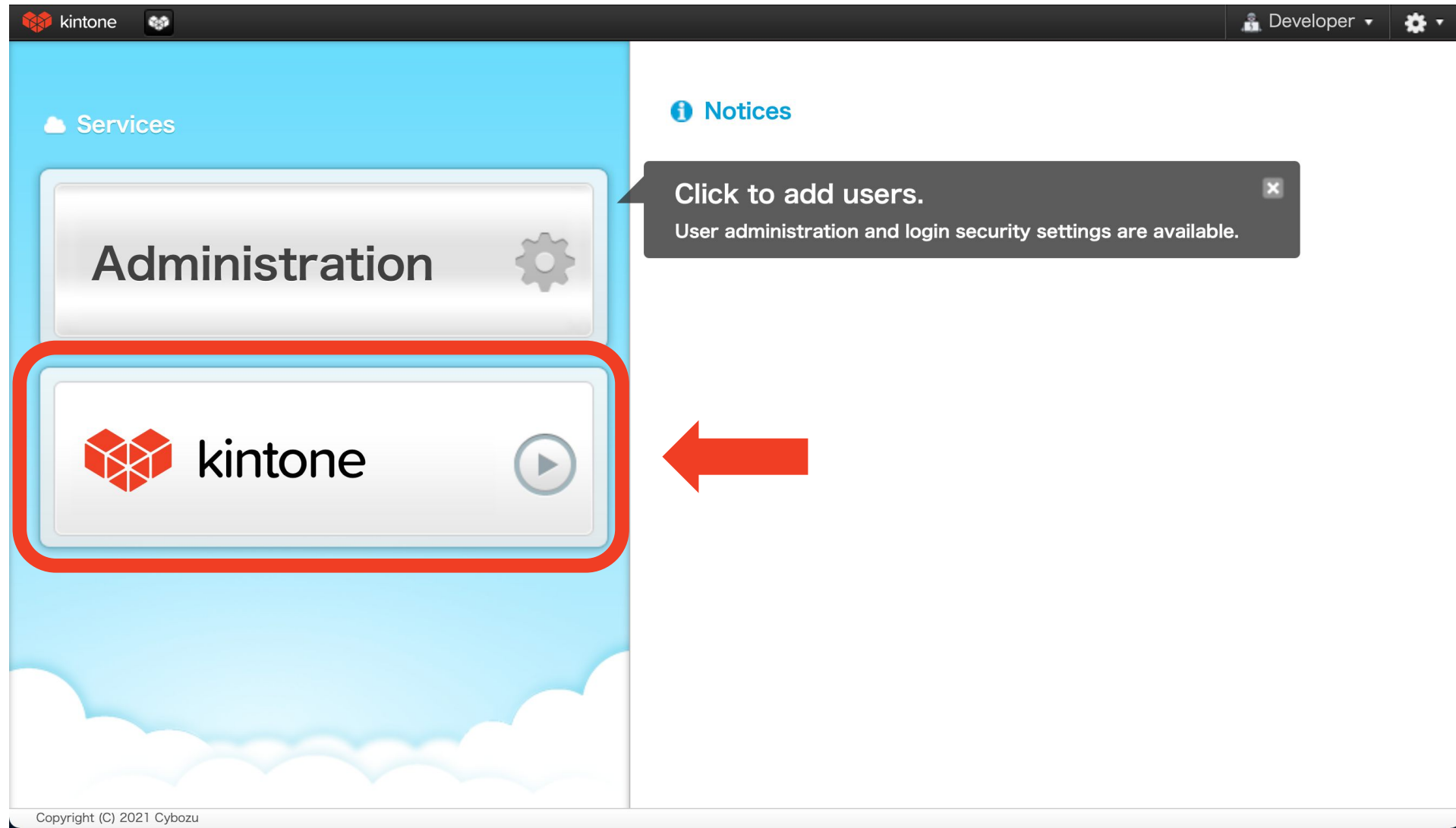
YOUR_SUBDOMAIN.kintone.com



Let's Log into Kintone

Click on Kintone button on the Left side

The email has the initial registration link & subdomain

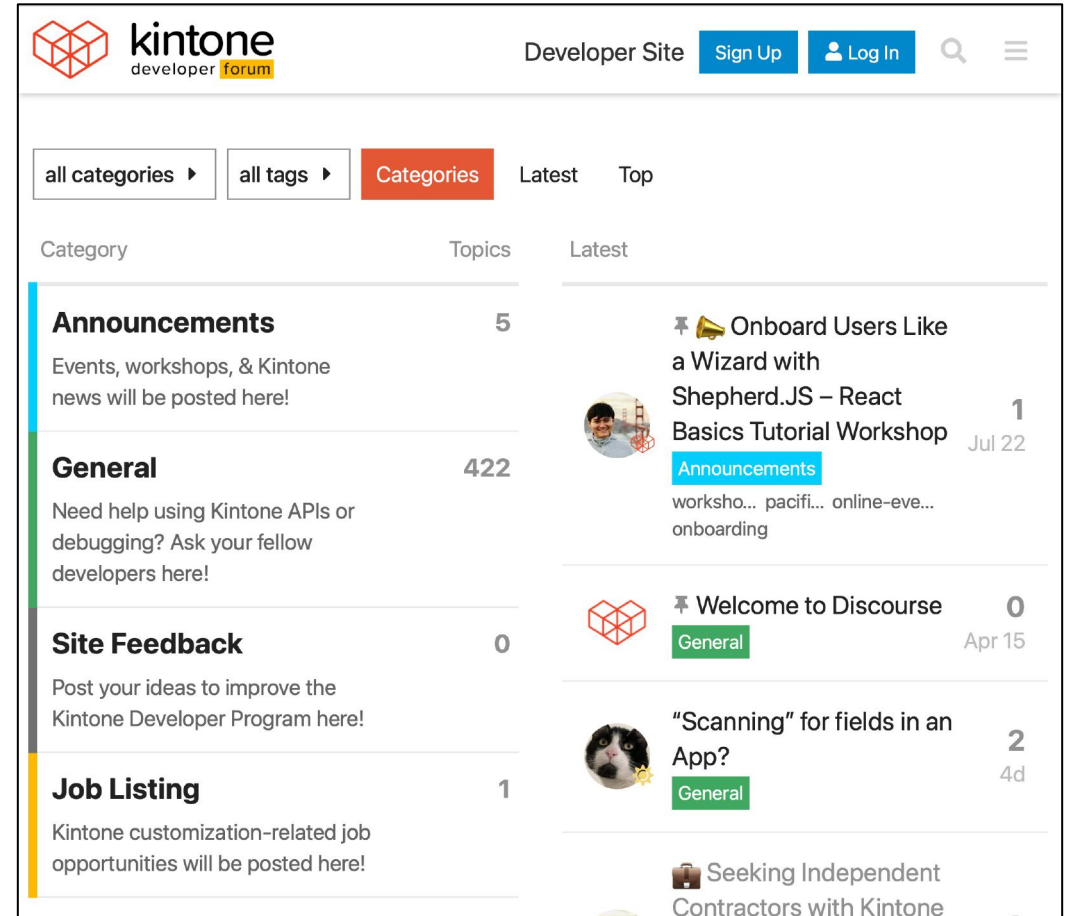


Where Can I Get Help?

If you're stuck, post your question & code on the

Kintone Developer Forum

forum.kintone.com





Wrap Up

YouTube

Subscribe to get notified we upload the recording!

bit.ly/KDP_Video



Survey & Raffle

Fill out the survey to **enter the \$25 gift card raffle!**



Future Events

Join our **Meetup** & see you at our next workshop!

bit.ly/KDP_Events



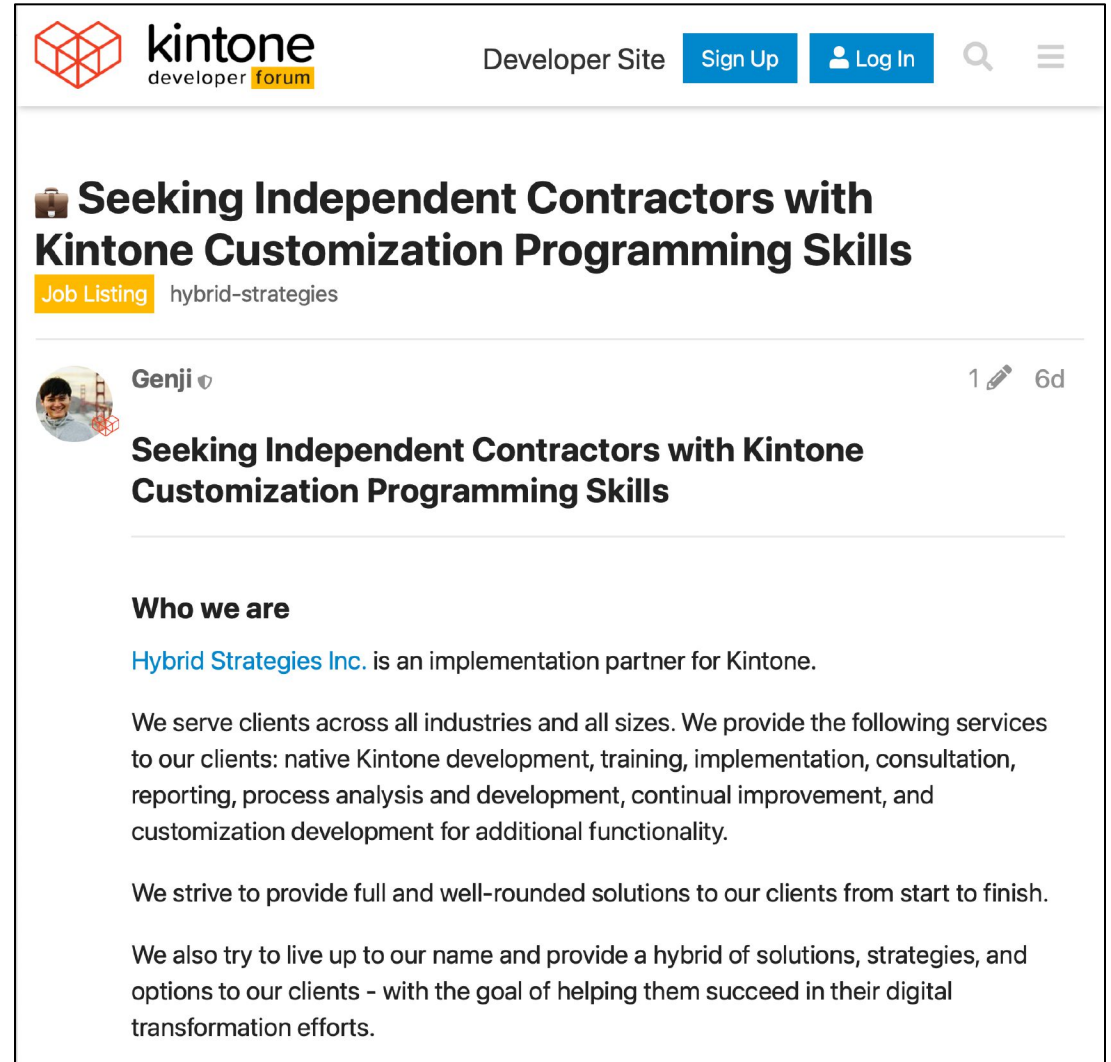
Kintone Engineer Jobs

Our US Partners are looking for programmers to build out Kintone Customizations!

Interested?

Check out the Job Listing Thread over at our Kintone Developer Forum

forum.kintone.dev/c/job-listing/



The screenshot shows a forum post on the Kintone Developer Forum. The header includes the Kintone logo, 'Developer Site', 'Sign Up', and 'Log In' buttons. The post title is 'Seeking Independent Contractors with Kintone Customization Programming Skills' by user 'Genji'. The post content describes 'Hybrid Strategies Inc.' as an implementation partner for Kintone, offering services like native Kintone development, training, implementation, consultation, reporting, process analysis, and customization development. The post also mentions their goal of providing full solutions and living up to their name by providing hybrid solutions.

kintone
developer forum

Developer Site Sign Up Log In

Seeking Independent Contractors with Kintone Customization Programming Skills
Job Listing hybrid-strategies

Genji

Seeking Independent Contractors with Kintone Customization Programming Skills

Who we are
Hybrid Strategies Inc. is an implementation partner for Kintone.

We serve clients across all industries and all sizes. We provide the following services to our clients: native Kintone development, training, implementation, consultation, reporting, process analysis and development, continual improvement, and customization development for additional functionality.

We strive to provide full and well-rounded solutions to our clients from start to finish.

We also try to live up to our name and provide a hybrid of solutions, strategies, and options to our clients - with the goal of helping them succeed in their digital transformation efforts.

Thank You!

