



Recording will  
be on YouTube

# Welcome to the **React & Three.js Gallery Workshop!**

**Download  
Code & Slides**

[bit.ly/kintone3d](https://bit.ly/kintone3d)

**git clone** the  
GitHub Repo



**Get Your  
Kintone Subdomain**

Developer License  
Registration Form

[bit.ly/KDP\\_NEW](https://bit.ly/KDP_NEW)

**Asking Questions  
& Raising Hands**

Post questions in  
the chat anytime!

Include your code  
& error messages.



**\$25 Gift Card  
Raffle at the End**



# Get Started

Let's setup our workshop's starting point!

1. Download the [sean-kintone/3D-Kintone-Gallery](https://github.com/sean-kintone/3D-Kintone-Gallery) Repo
2. Go inside the folder & install the dependencies!
3. Lastly, install [@kintone/customize-uploader](https://www.npmjs.com/package/@kintone/customize-uploader) globally

Run these commands  
from your terminal

```
cd Downloads  
git clone https://github.com/sean-kintone/3D-Kintone-Gallery  
cd 3D-Kintone-Gallery  
npm install  
npm install -g @kintone/customize-uploader
```



# Get Your Kintone Subdomain

- Use Chrome or Firefox
  - NOT Safari
- Accept Cookies First
- Only Use
  - lowercase [a-z]
  - numbers [0-9]
  - hyphens [-]
- No Special Characters
- Ex: weekend-hacker4life

The screenshot shows a web form titled "kintone developer program". At the top, there's a navigation bar with a menu icon, the title, and a search icon. Below the title is the "Kintone Developer License Terms of Service". The form includes fields for "First Name\*", "Last Name\*", and "Email\*". A dropdown menu asks "Which of the following best describes you?" with "Please Select" as the default option. Another section asks "What first interested you in a Kintone Developer License?" with options for "Kintone Workshops", "dev.to Articles", "YouTube Videos", and "Other". A third section asks "What are you interested in using the Developer License for?" with options for "Studying programming", "Codeless app development", "Easy to use backend / Database", "Making plugins for clients", "My workplace uses it", and "Not sure yet!". At the bottom, there's a field for "Create your Kintone Developer License subdomain (lowercase, numbers and hyphens only)\*" with a placeholder "For example: mydomain, coffee-lovers".



# Get Your Kintone Subdomain

The login name is your email

Remember your subdomain!

Your Kintone's login link will be

**YOUR\_SUBDOMAIN.kintone.com**

The screenshot shows a web form titled "kintone developer program". At the top, there is a navigation bar with a menu icon, the logo, and a search icon. Below the title, it says "Kintone Developer License Terms of Service". The form contains several input fields and dropdown menus:

- First Name\* (text input)
- Last Name\* (text input)
- Email\* (text input)
- A dropdown menu asking "Which of the following best describes you?" with options including "Please Select". A green arrow points to this field.
- A question "What first interested you in a Kintone Developer License?" followed by a list of checkboxes:
  - Kintone Workshops
  - dev.to Articles
  - YouTube Videos
  - Other
- A question "What are you interested in using the Developer License for?" followed by a list of checkboxes:
  - Studying programming
  - Codeless app development
  - Easy to use backend / Database
  - Making plugins for clients
  - My workplace uses it
  - Not sure yet!
- A text input field for "Create your Kintone Developer License subdomain (lowercase, numbers and hyphens only)\*". A blue arrow points to this field.



# When You Need Help 💪

Resources:

- [README's Debugging section](#)
- Posting questions in the chat

**Post questions in the chat  
anytime!**

Please include your code &  
error messages.

☰ README.md

## Debugging - Let's Fix Those Problems 💪

Here is a rundown of common problems & their solutions!

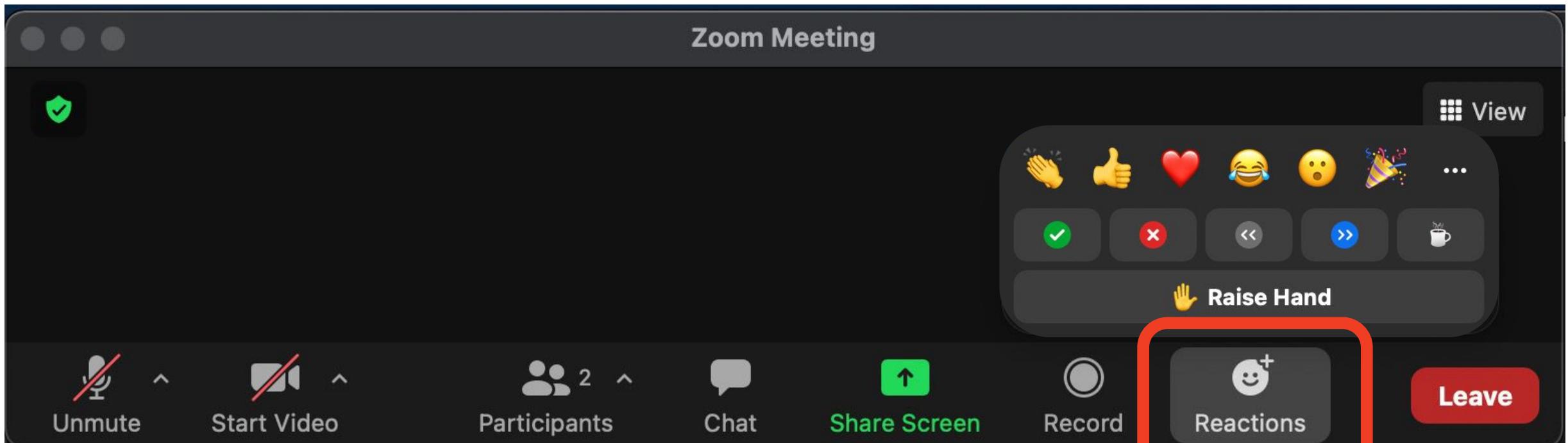
### Errors related to .env

Are you getting one of the following error messages? If you get one of the following error messages, then please verify , and you have not modified the `.env.example`

- Failed to find `.env` file at default paths:  
`[./.env,./.env.js,./.env.json]`
- [webpack-cli] Error: Missing environment variable:  
`KINTONE_BASE_URL`
- [webpack-cli] Error: Missing environment variable:  
`KINTONE_USERNAME`
- [webpack-cli] Error: Missing environment variable:  
`KINTONE_PASSWORD`
- [webpack-cli] Error: Missing environment variable:  
`VIEW_ID`



# Let's Practice using Zoom's Reactions



This helps us know who to look out for throughout this workshop.



# Hello From Kintone

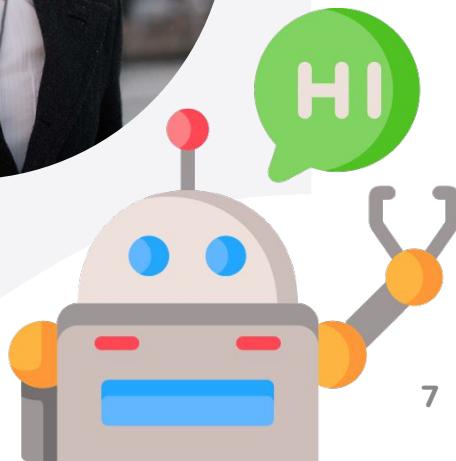
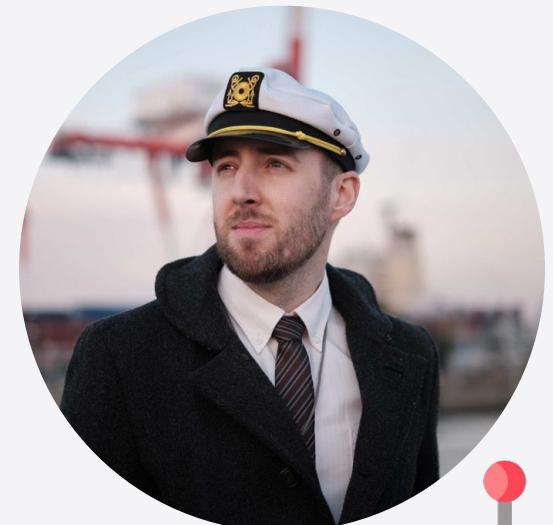
**Nim**



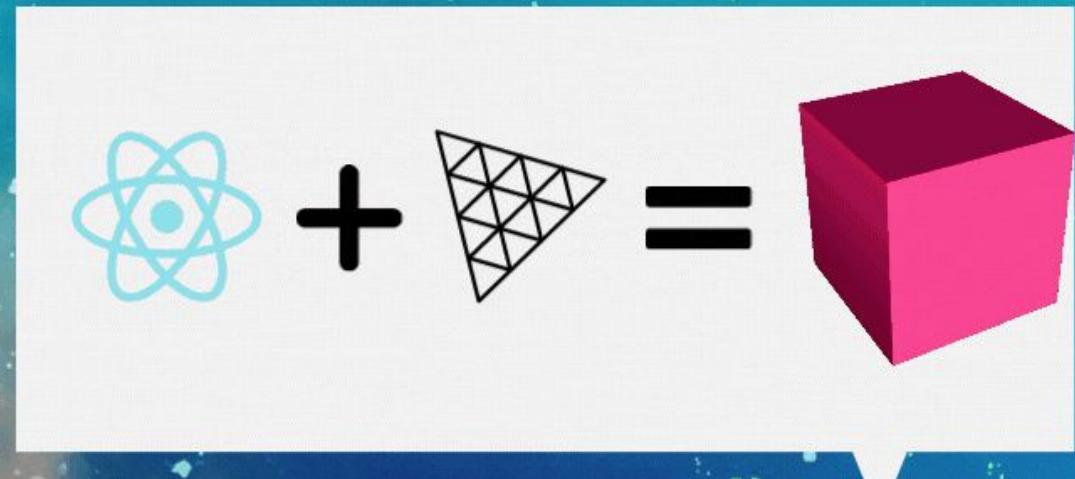
**Genji**



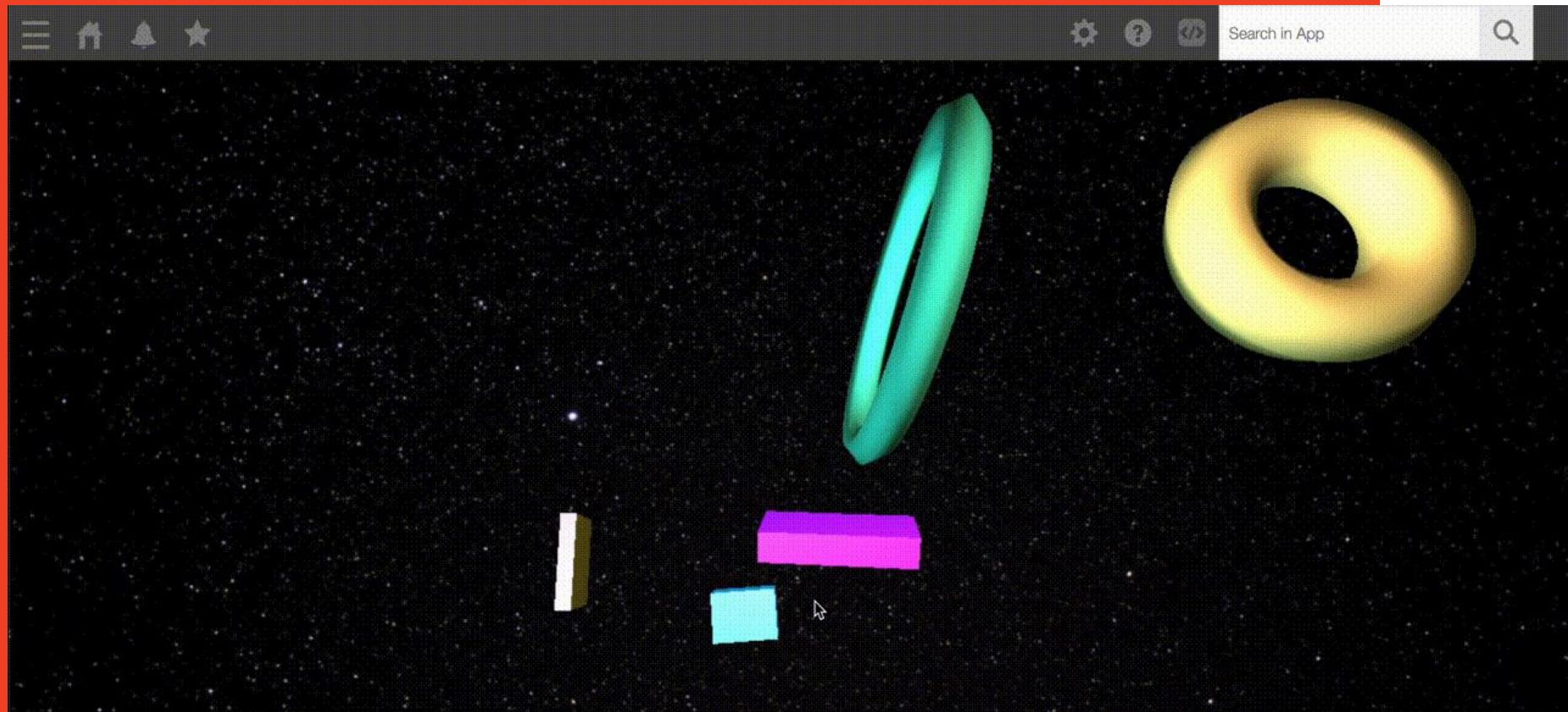
**Sean**



# CREATE A 3D GALLERY WITH REACT, THREE.JS, & KINTONE DATABASE!



# What We Will Make Today





# Workshop Overview

## Project Setup

Project Overview  
Install Dependencies  
Configure Settings & Variables  
Run Scripts

## Kintone Setup

Create a Web Database  
Create a Custom View

## 3D Gallery Build

Build a Three.js Scene  
Get shape info via API Call  
Display 3D shapes  
Animate and Randomize!



# Three.js Basics

## Scenes

Scenes are the "**universe**" we build in.

It is the 3D space where our objects are placed.

[Creating a scene -  
threejs.org](https://threejs.org)

## Cameras / Lights

Our "**eyes**" in the 3D space.

Without lights, our space will be completely black.

Without cameras, we can not see the scene!

[PerspectiveCamera -  
threejs.org](https://threejs.org)

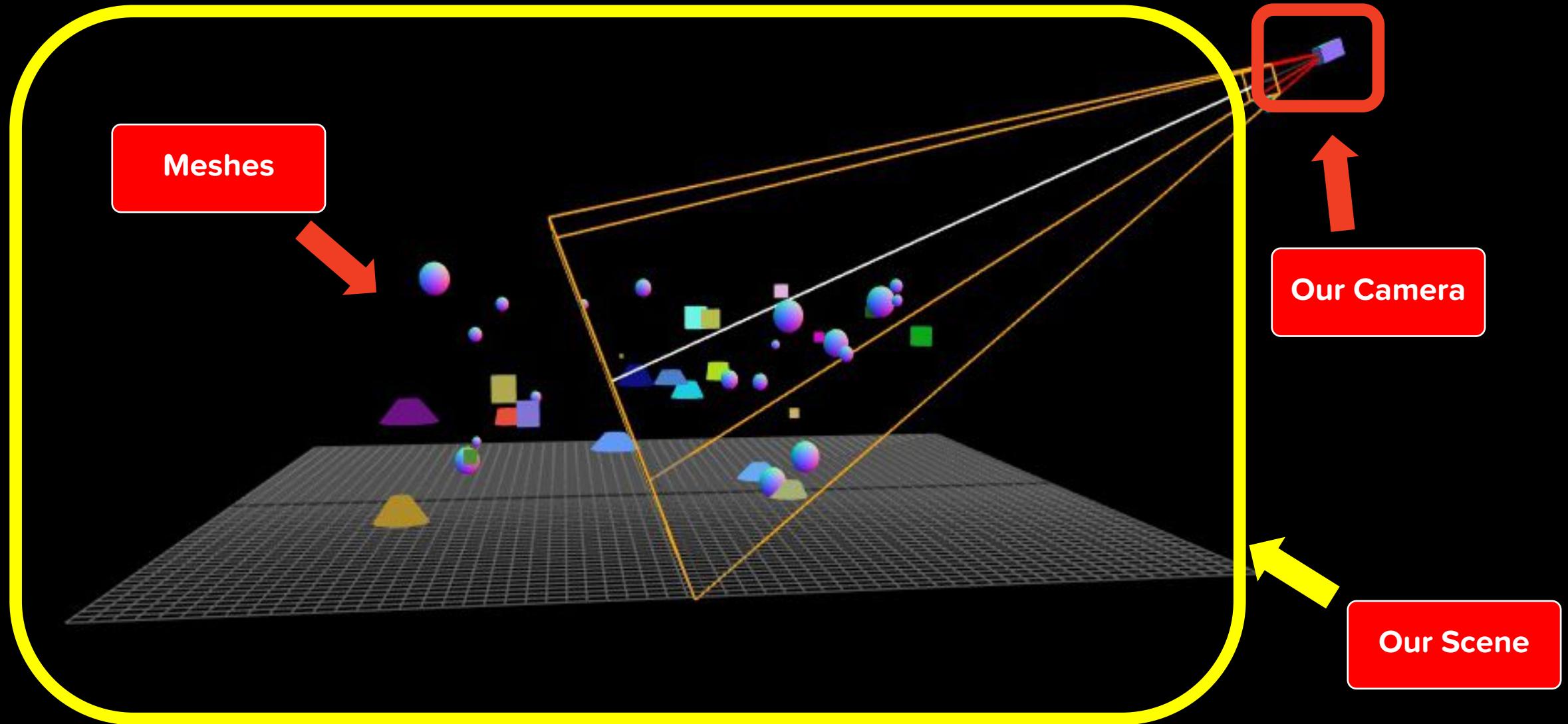
## Meshes

Basic shapes in our 3D space.

"**Meshes**" have two parts:

1. Geometry: length, width... {Invisible}
2. Material - aka the "skin" around the geometry {visible}

[SkinnedMesh - threejs.org](https://threejs.org)



# Git Clone the Repo

First, let's download the [sean-kintone/3D-Kintone-Gallery](https://github.com/sean-kintone/3D-Kintone-Gallery) Repo and go inside the folder.

Once you are inside the folder, let's install the dependencies!

```
cd Downloads
```

```
git clone https://github.com/sean-kintone/3D-Kintone-Gallery
```

```
cd 3D-Kintone-Gallery
```

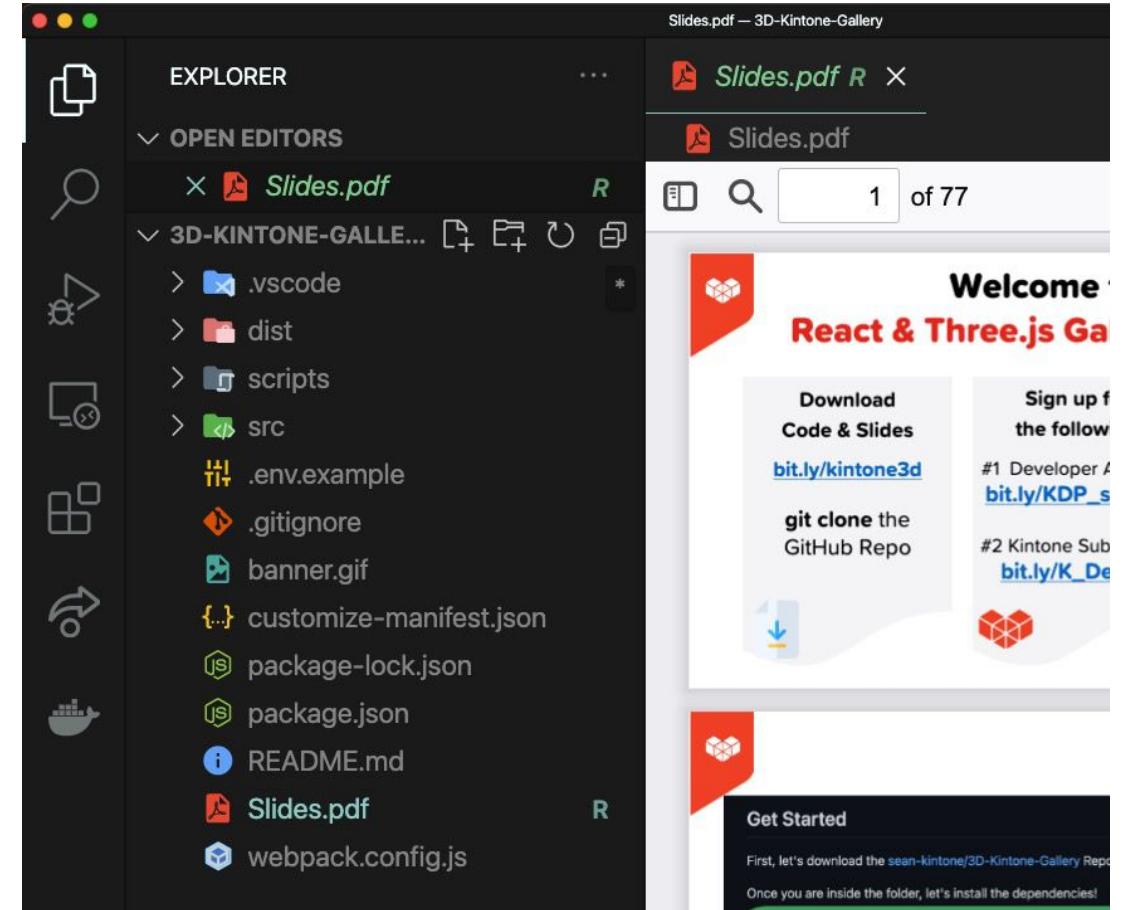
```
npm install
```

```
npm install -g @kintone/customize-uploader
```

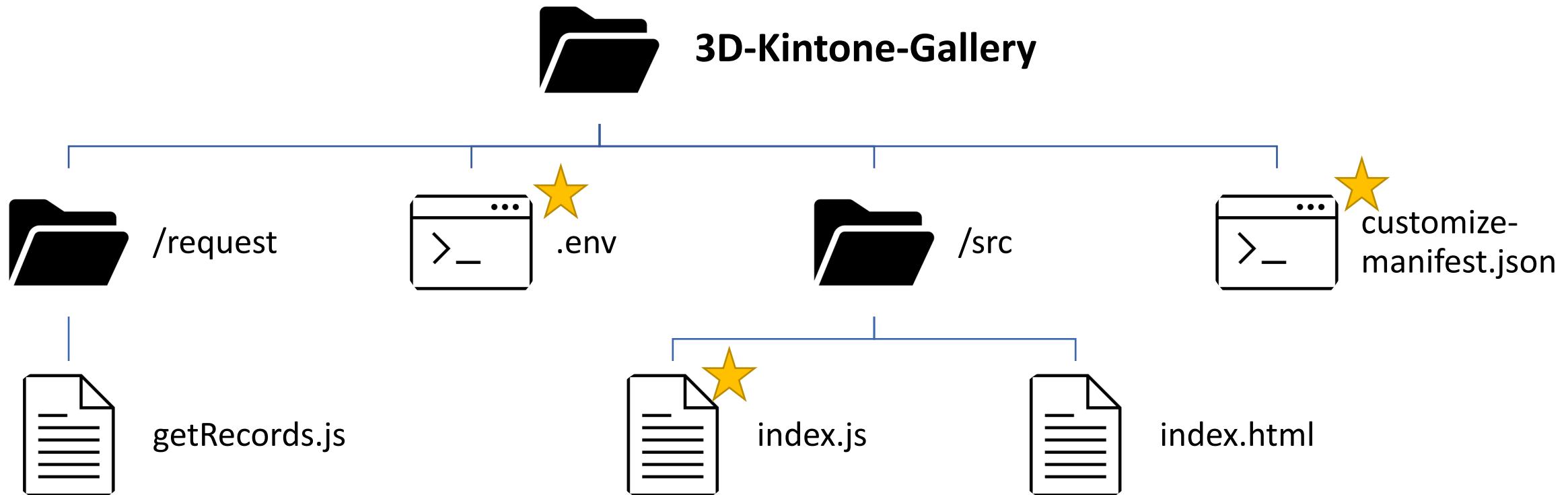
Run these commands  
from your terminal

# Overview of the Repo

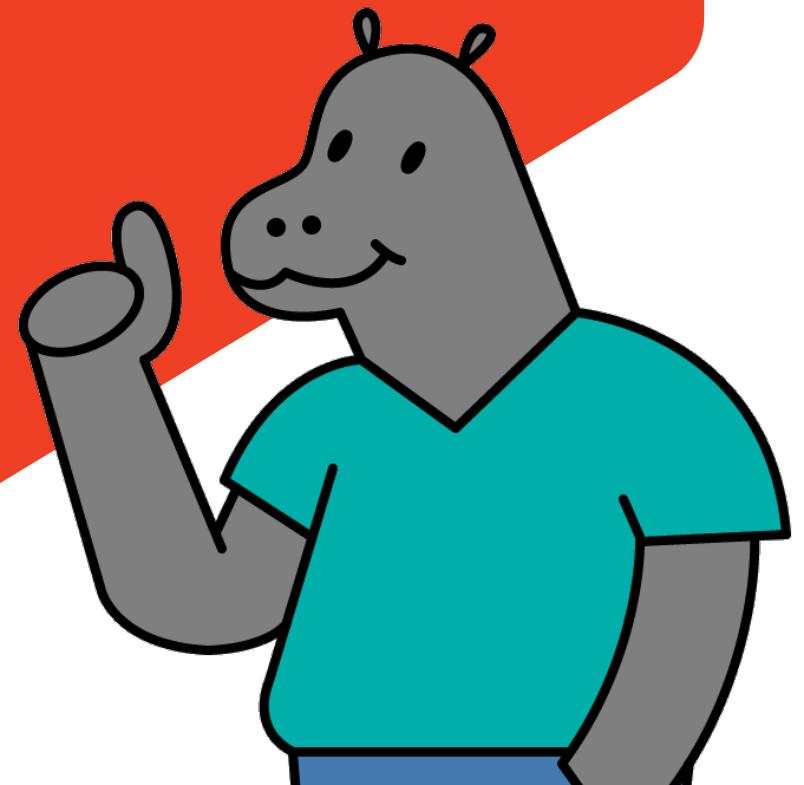
```
3D-Kintone-Gallery/
├── Slides.pdf
├── README.md
├── banner.gif
├── customize-manifest.json
└── dist/
    ├── KintoneCustomization.js
    ├── KintoneCustomization.js.LICENSE.txt
    └── index.html
├── package-lock.json
├── package.json
└── scripts/
    └── npm-start.js
src/
├── index.css
├── index.html
├── index.js
└── requests/
    └── getRecords.js
webpack.config.js
```



# Files We Will Be Editing

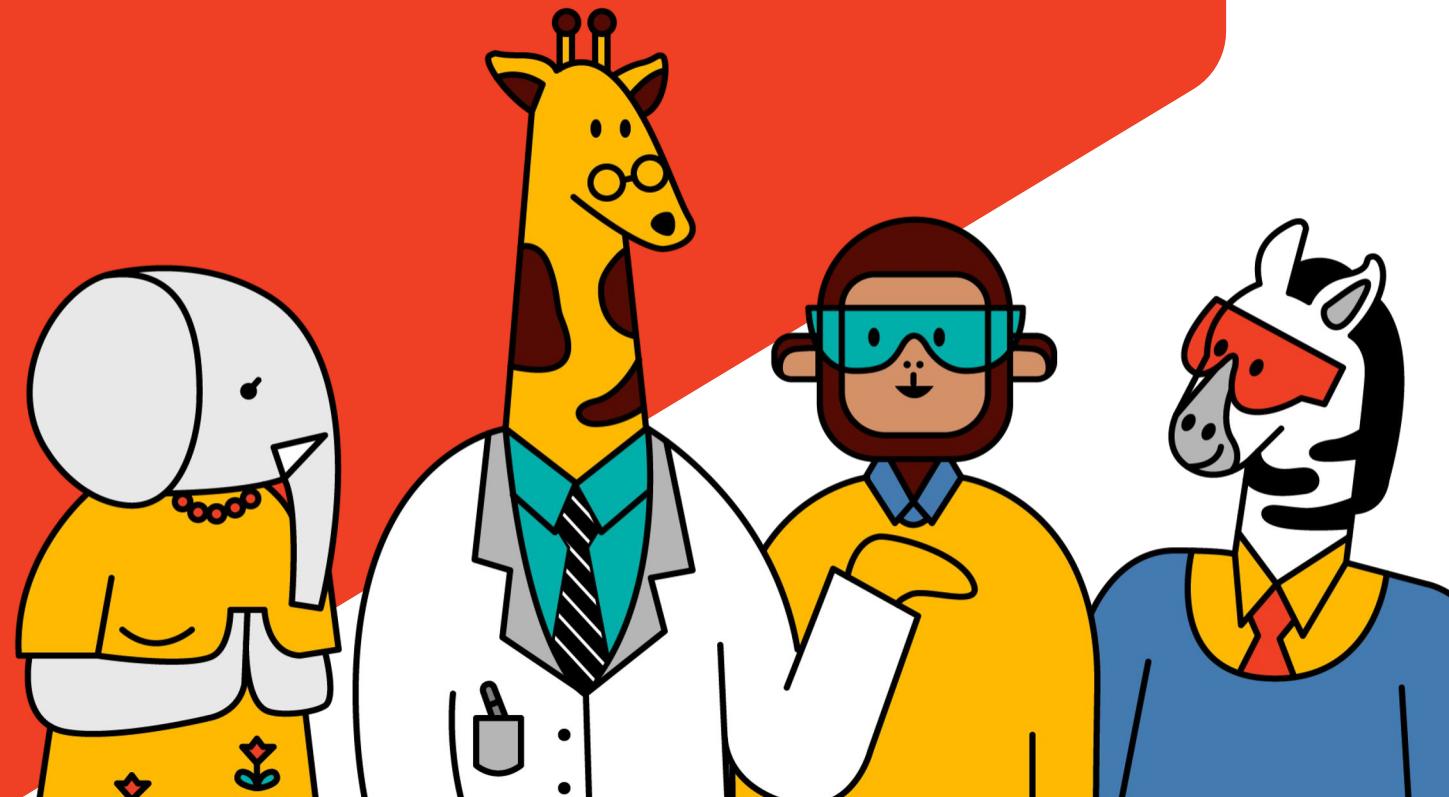


# Quick check-in with Zoom polling



# What is Kintone?

Built for teamwork,  
designed by you



# What is Kintone?

The screenshot displays the Kintone interface with several sections:

- Announcement:** A green header bar with the word "Sales".
- Customer Database:** Shows three cards: "Customer Database" (Admin:Green), "Sales Leads" (Admin:Green), and "Contact Log" (Admin:Green).
- Dashboard:** Contains two charts:
  - A bar chart titled "[Of] Sales Leads: Monthly Expected Sales (per priority)" showing sales for Middle, High, and Low priorities from April 2019 to March 2020.
  - A pie chart titled "Total(Amount)" showing the distribution of sales by creator type: Int Creator (30.1%), T/C (14.0%), Viewer (10.3%), Form Creator (4.5%), and kintone (41.5%).
- Threads:** A list of threads: "Deal Flow" (Apr 3 11:24 AM), "Sales Division" (Apr 1 11:49 PM), and "Monthly Reports" (Apr 1 11:45 PM). "Monthly Reports" is selected.
- Apps:** A list of databases: Vendor Database, Item Database, [Of] Product List, [Of] Invoices, [Of] Seminar Survey, [Of] Attendee Lists, [Of] Event Calendar, [Of] Activity Log, [Of] Sales Leads, and [Of] Customer Database.
- People:** A list of members: Hiroko ..., Mary Si..., John S..., Rudy Red, Polly Pink, Bill Blue, Glen Gr..., Paul Gray, Mark Pe..., Dannie ...

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

# Where Kintone is Special!



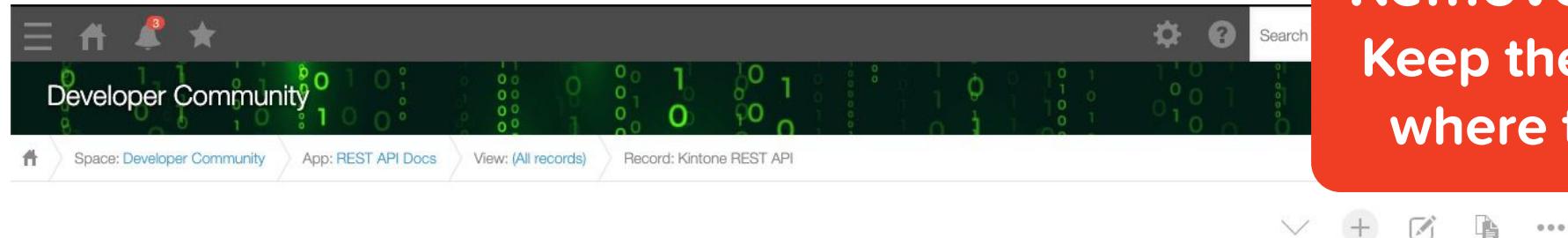
# Missing - Unified Communication

## Data Silos

Information is not being  
shared effectively

**Scattered Communication**  
Unclear where the  
conversation is happening

# What is Possible?



Where  
Data  
Lives

EN Section: API Info, EN API Group: Kintone REST API, EN Method: GET

EN API Name: Get API Schema

EN URL (Endpoint): /k/v1/apis/\*.json

EN Article Link: <https://developer.kintone.io/hc/en-us/articles/115006107628>

Fix History:

Date	Fixed By	Before	After	Fix Details
Aug 27, 2020	Clare - Support			Fixed the GET API List API link Added apis.{key}.link

Write your comment here.

3: Clare - Support Aug 27, 2020 1:29 AM  
@Sharon - Developer @Genji  
Done!

Like Reply

2: Sharon - Developer Aug 27, 2020 1:28 AM  
@Genji  
Oh, shoot, thanks for catching my mistake!

@Clare - Support  
Please fix the Fixed the GET API List API link

Like Reply

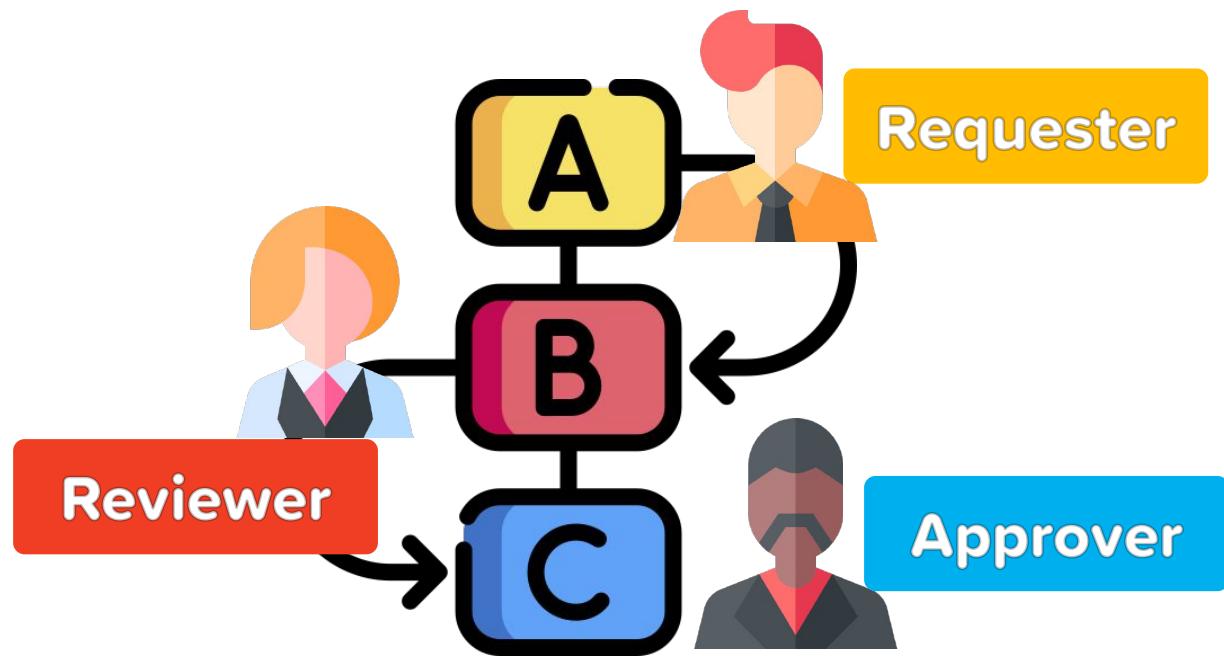
1: Genji Aug 27, 2020 1:27 AM  
@Clare - Support Please take a look at this document.

Like Reply

Where  
Communication  
Lives

# Workflow

With Process Management,  
establish a workflow so that the  
**right people** sees the **right info**  
at the **right time**.



Developer Community

Space: Developer Community App: KDP Event View: Summary Record: No Server Data Visualization: Build a W

Assign Reporter Change Assignee

Next Status:  
Writing Report

Select Assignee:

- Genji
- Sharon - Developer
- John - Manager
- Clare - Support

Cancel Confirm

Community

Project

Support

Event Image

No Server Data Visualization JS  
Build a Word Cloud!

tickets-115435658161

# Kintone Apps

The screenshot shows the Kintone Shared To Do app interface. At the top, there's a navigation bar with icons for home, search, and settings, along with a 'Search in App' field. Below the header, a banner reads: '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.' The main area is a table titled 'My To Do' with the following columns: To Do, Priority, Due date, Status, Details, and Attachment. The table contains five records:

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

At the bottom of the table, it says 'Records 1 - 5 of 5'. The interface also includes a toolbar with icons for My To Do, a graph, a filter, and a list.

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**

Form Views Graphs App Settings

Save Form

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

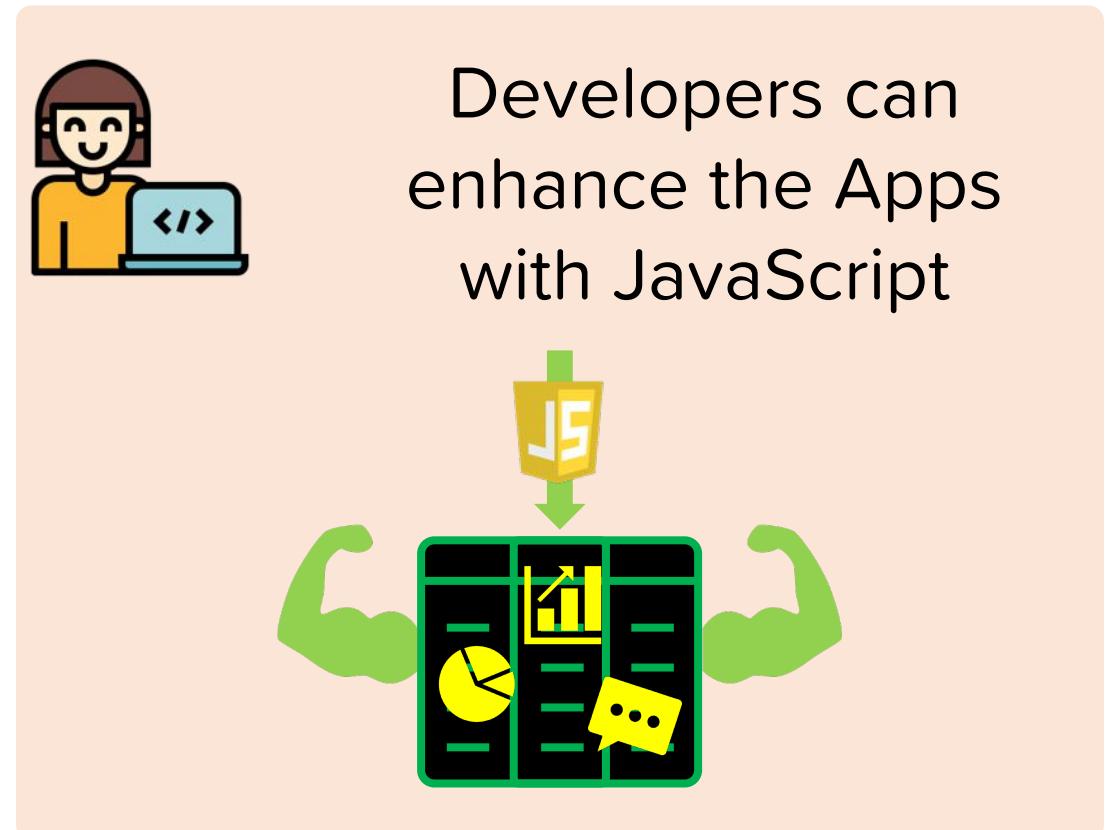
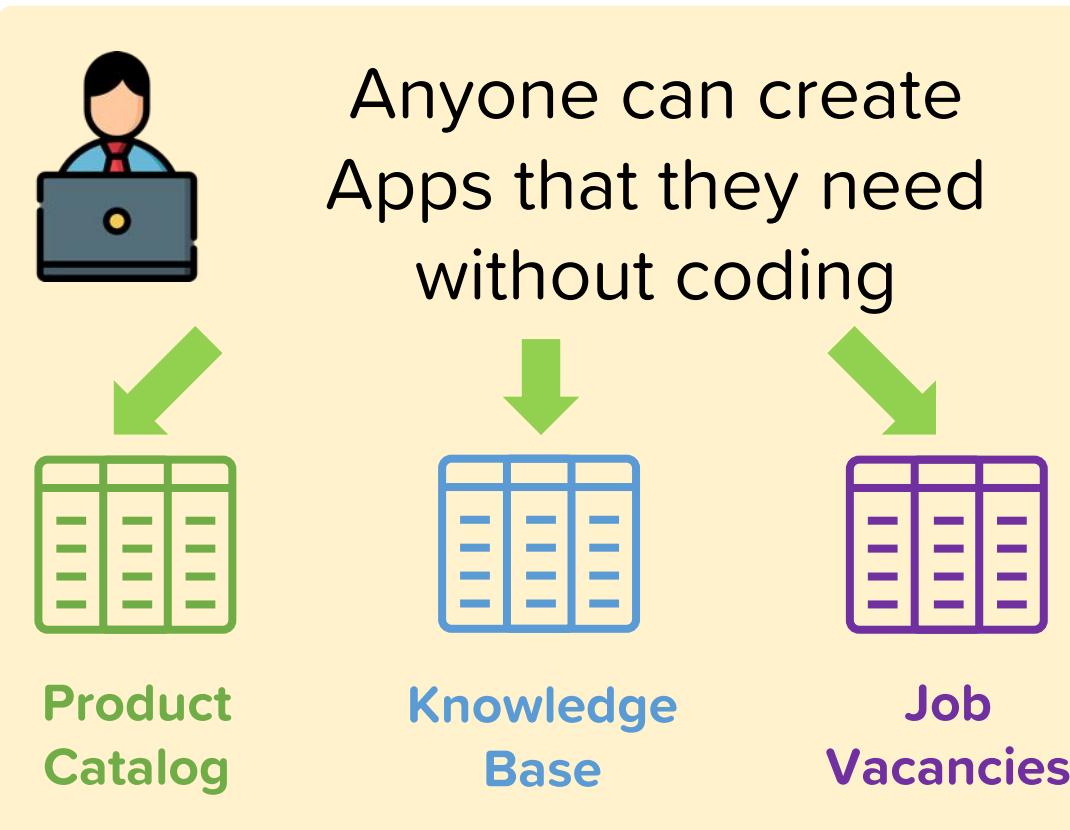
Discard Changes Update App

**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!

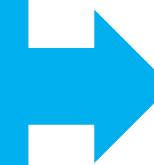
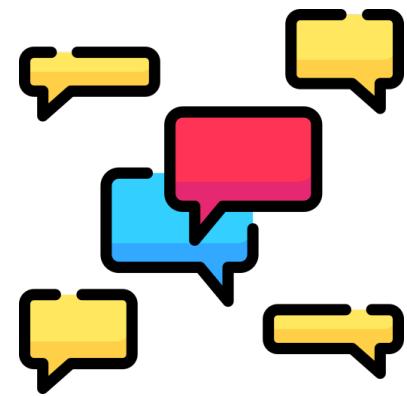
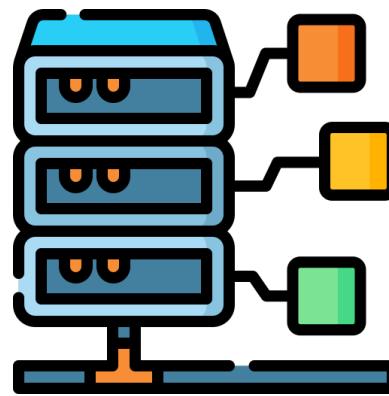
As a **no-code & low-code platform**, Kintone supports non-coders with visual programming UI while enabling sophisticated customization



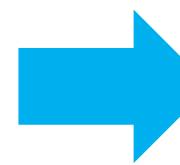
# Fulfill the Promise of *Groupware*

Share meaningful insights about the data that become operationalized quickly.

**Data + Communication**



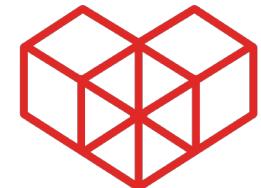
**Insight**



**Action**



# How Developers Contribute

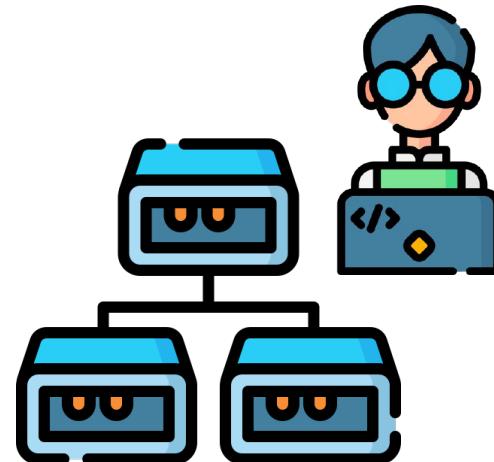


**kintone**  
developer program

# How Developers Contribute

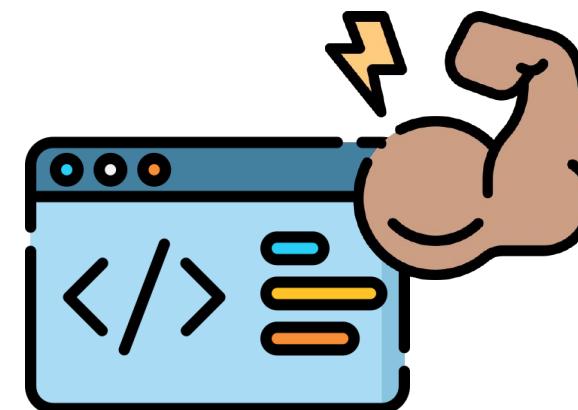
## Command Center

- Create a custom look & feel
- Integrate with 3<sup>rd</sup> party web applications to exchange data



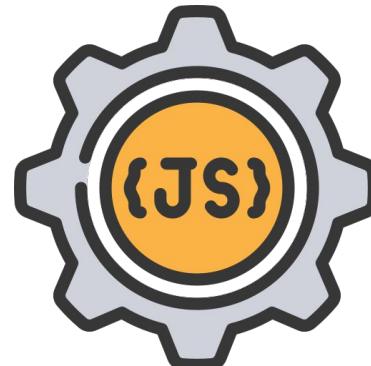
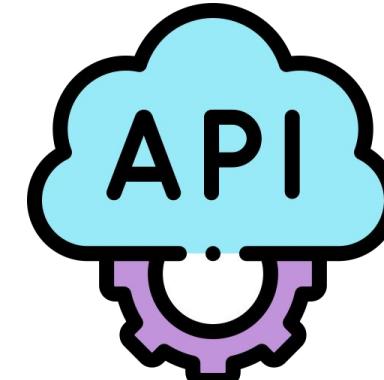
## Enhancements

- Develop JavaScript customizations
- Build & share extensions



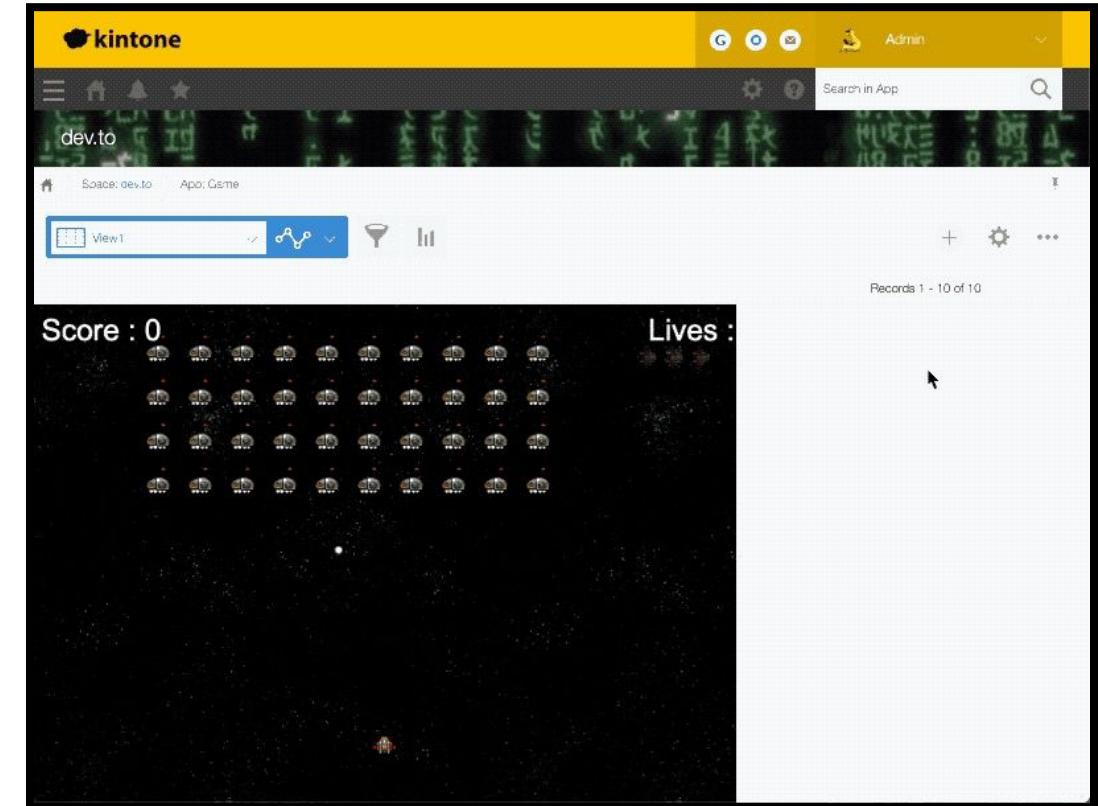
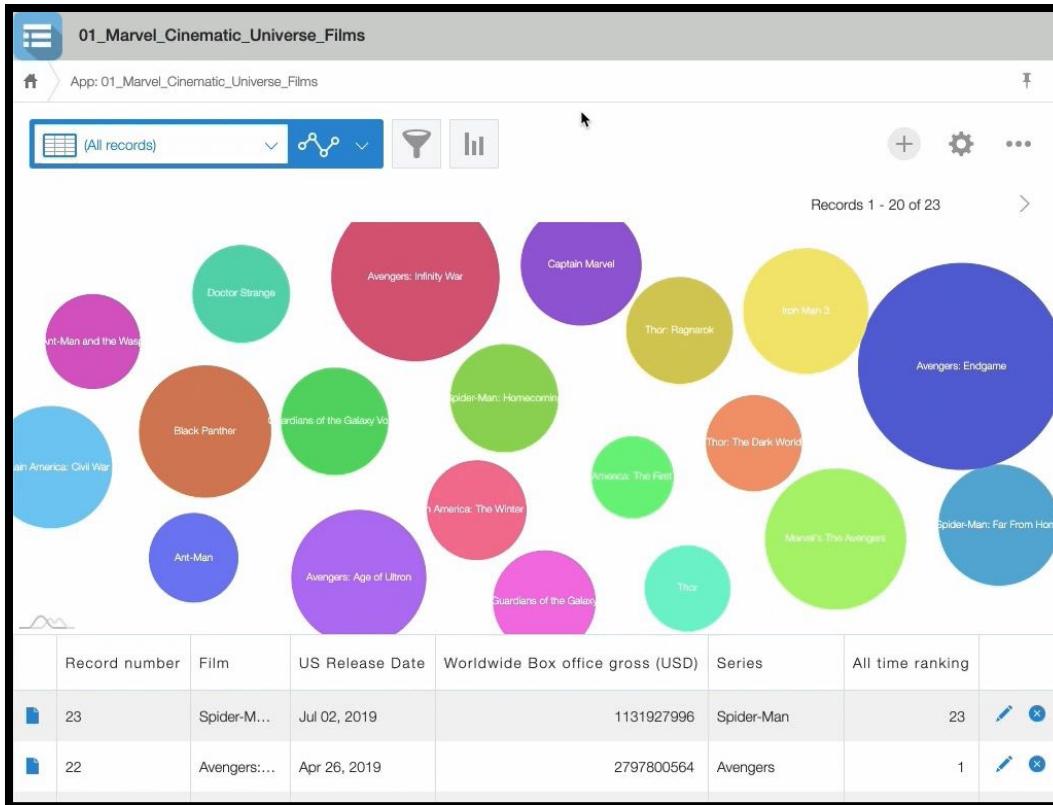
# Tools Inside Kintone

- JavaScript APIs
- REST APIs
- API Tokens
- Webhook
- Plugins
- JavaScript Customizations
- CSS & HTML Customizations
- Precise Permission Controls



# 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



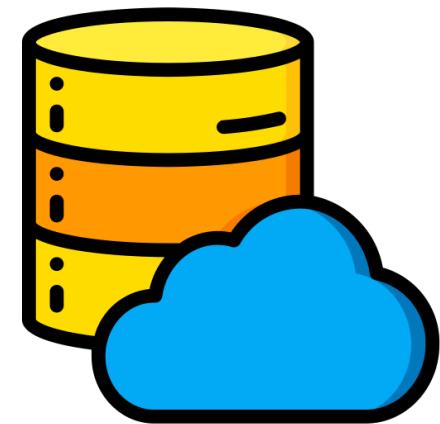
Consult with firms  
on achieving  
business goals



Develop Kintone  
customizations for  
customers

# Let's Create a Kintone Database App

Step-By-Step Guide



# Check Your Email



Welcome to Kintone! One More Step To...

A screenshot of a Gmail inbox. The subject of the top email is "Welcome to Kintone! One More Step to Developer License". The email is from "Will Sayama akihiro-sayama@cybozu.com via bf06x.hubspotemail.net to me". The body of the email contains an orange banner with the Kintone logo and the text "ONE MORE STEP FOR YOUR DEVELOPER LICENSE!". Below the banner, there is a message: "Howdy! Please click the button below to activate your developer license and complete the sign-up process." followed by a red "Activate Now" button. At the bottom, a note says: "Only valid for 24 hours. Please click [here](#) if an error is displayed after the expiration. Your subdomain name is devevents2."

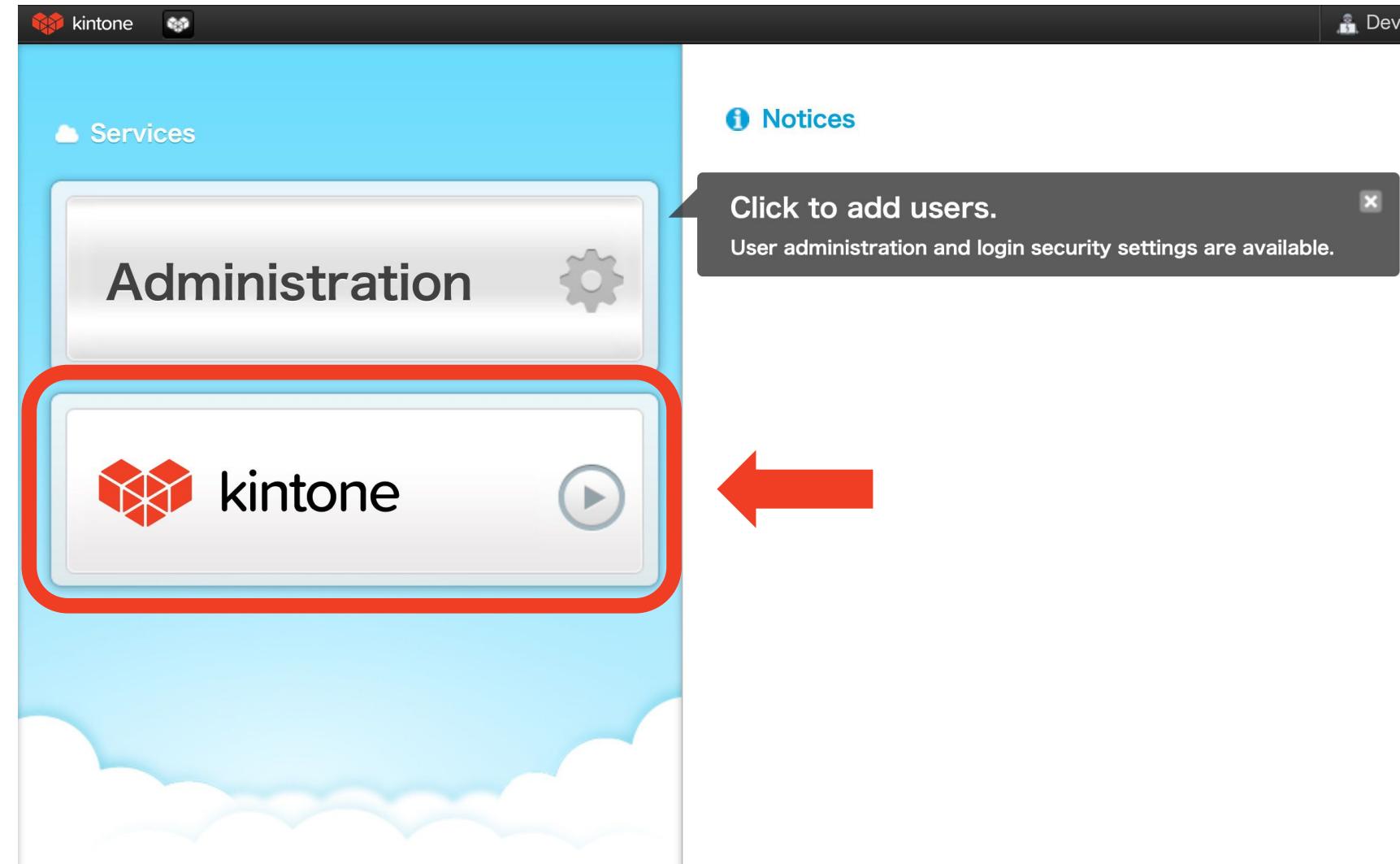
**YOUR\_SUBDOMAIN.kintone.com**

A screenshot of a web browser window showing a "Set Initial Password" form. The URL in the address bar is "https://YOUR\_SUBDOMAIN.kintone.com/...". The form has two input fields: "New Password" and "Confirm New Password". Below the "New Password" field is a note: "Enter minimum 8 characters, including both letters and numbers." At the bottom right of the form is a blue "Set Password" button.

# Let's Log into Kintone

Click on Kintone button on the Left side

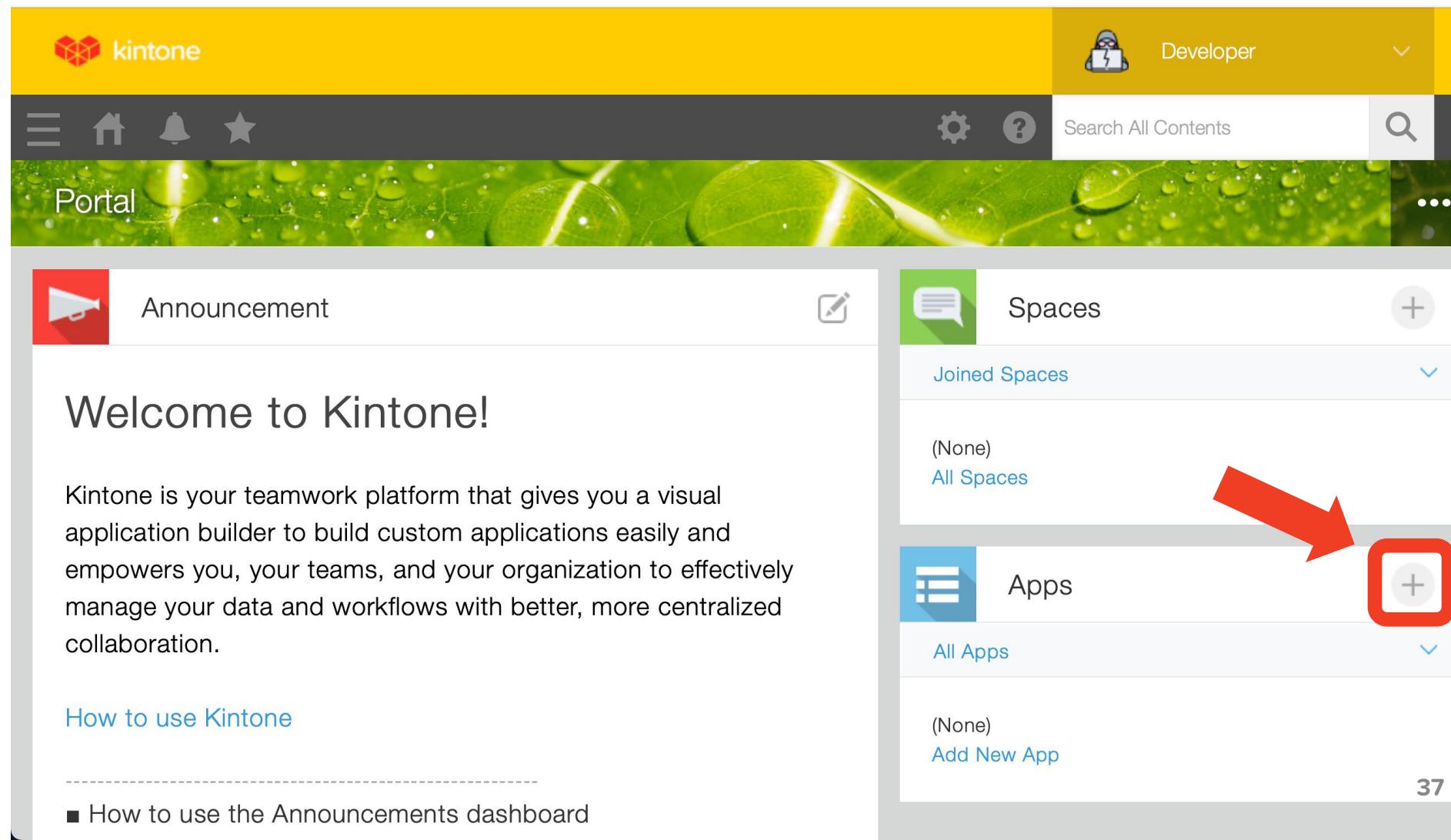
The email has the initial registration link & subdomain



# Create a Kintone Database App

From the Portal screen

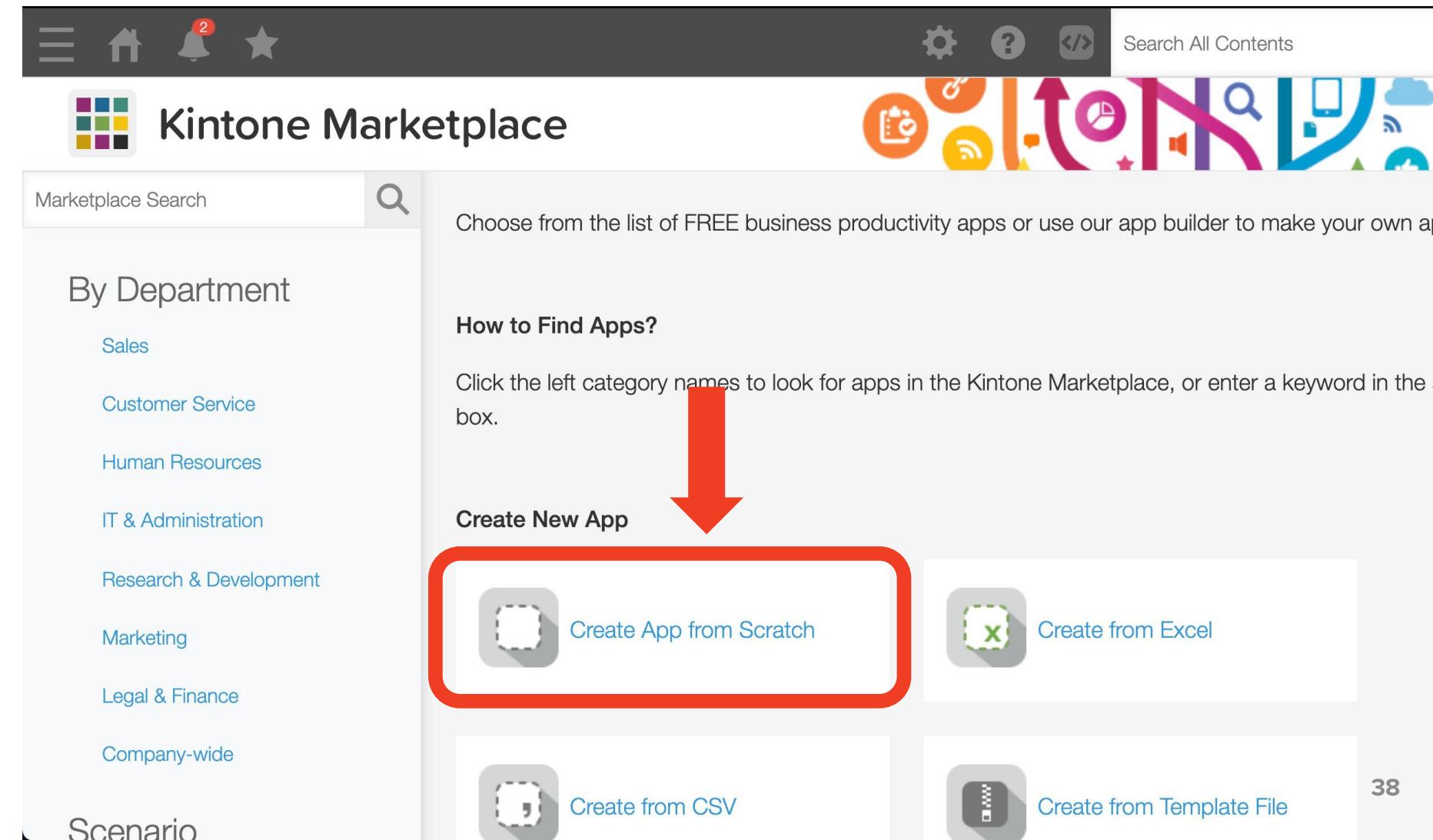
Click the **[+]** button on the Right side



# Create App from Scratch

On Kintone  
Marketplace...

Click on  
**Create App from  
Scratch**



# Name the App

Replace the  
"New App" with  
your App's Title

We will input  
"3D Gallery"

The screenshot shows the kintone 'New App' creation interface. At the top, there is a yellow header bar with the kintone logo, a developer icon, and a search bar labeled 'Search All Contents'. Below the header is a dark navigation bar with icons for home, settings, and help. The main area shows the breadcrumb path: Kintone Marketplace > New App > Settings. A blue button labeled 'New App' is highlighted. Below it, a note says 'Notes for app administrators: App does not exist (Create)'. There are four tabs at the top of the main content area: 'Form', 'Views' (which is selected and highlighted in grey), 'Graphs', and 'App Settings'. On the left, there is a 'Save Form' button in a green box. To its right is a list of field types with icons: Label, Rich text, Number, Radio button, Multi-choice, Date, and Date and time. To the right of the fields is a large area with a grey arrow pointing down and the text 'Drag and drop fields here.'

# Building the 3D Gallery Database App

Drag & drop  
following fields  
into the middle  
area

The screenshot shows the kintone app builder interface for the '3D Gallery (Workshop)' app. The 'Form' tab is active. On the left, there's a list of field types: Label, Rich text, Number (highlighted with a red box), Calculated, Check box, Multi-choice, Drop-down (highlighted with a blue box), Date, Date and time, Link, Department selection, Related records, and Blank space. On the right, the form builder shows a 'Shape Type' dropdown set to 'Cube', and input fields for 'Length \*' (empty), 'Width \*' (empty), and 'Depth \*' (empty). A red curved arrow points from the 'Number' field in the list to the 'Width' field in the form builder. A blue curved arrow points from the 'Drop-down' field in the list to the 'Length' field in the form builder.

3D Gallery (Workshop) > Settings

3D Gallery (Workshop)

Notes for app administrators does not exist ([Create](#))

Developer 1:11 AM

Discard Changes    Update App

Form Views Graphs App Settings

Save Form

Label

Rich text

Number

Calculated

Check box

Multi-choice

Drop-down

Date

Date and time

Link

Department selection

Related records

Blank space

ABC Text

Text area

Attachment

User selection

Group selection

Lookup

Cube

Length \*

Width \*

Depth \*

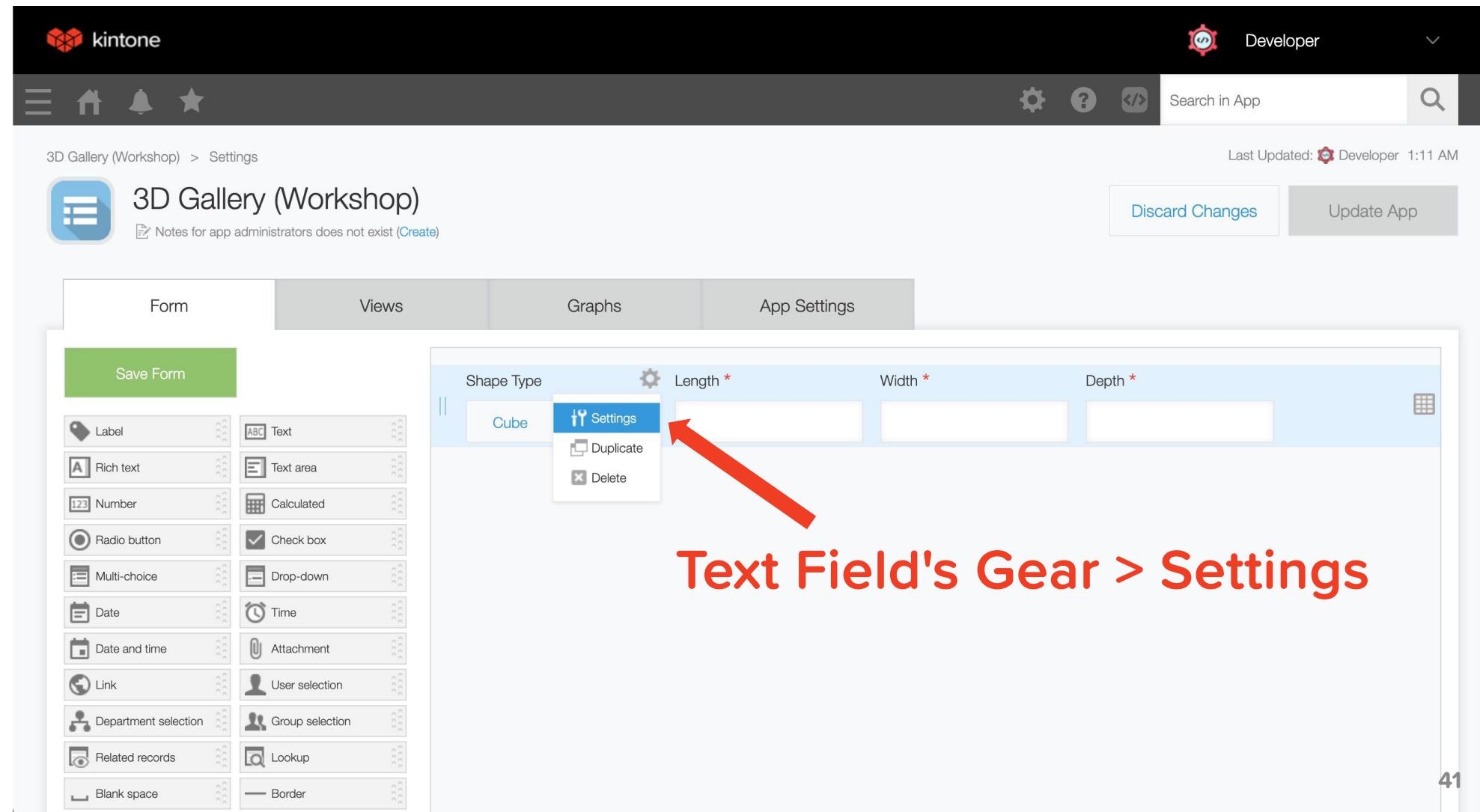
3x Numbers fields

1x Dropdown field

# Configure Fields

Click on the **Gear** from the text field's left corner.

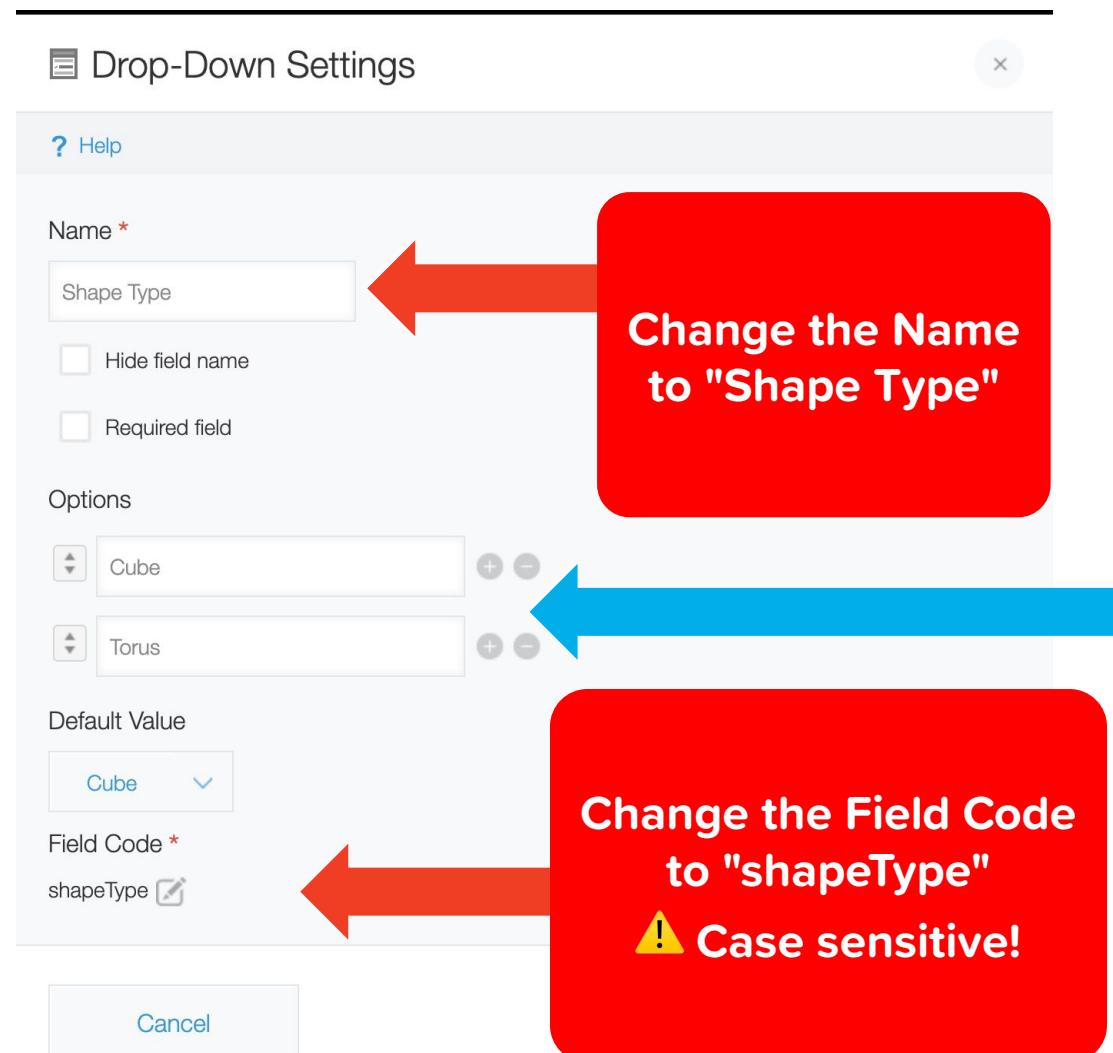
Edit the **Name** & **Field Code**



# Inside the Dropdown Settings

Click on the **Gear** from the text field's left corner.

Edit the **Name** & **Field Code** & **Options**



Change the Name to "Shape Type"

Change the Field Code to "shapeType"

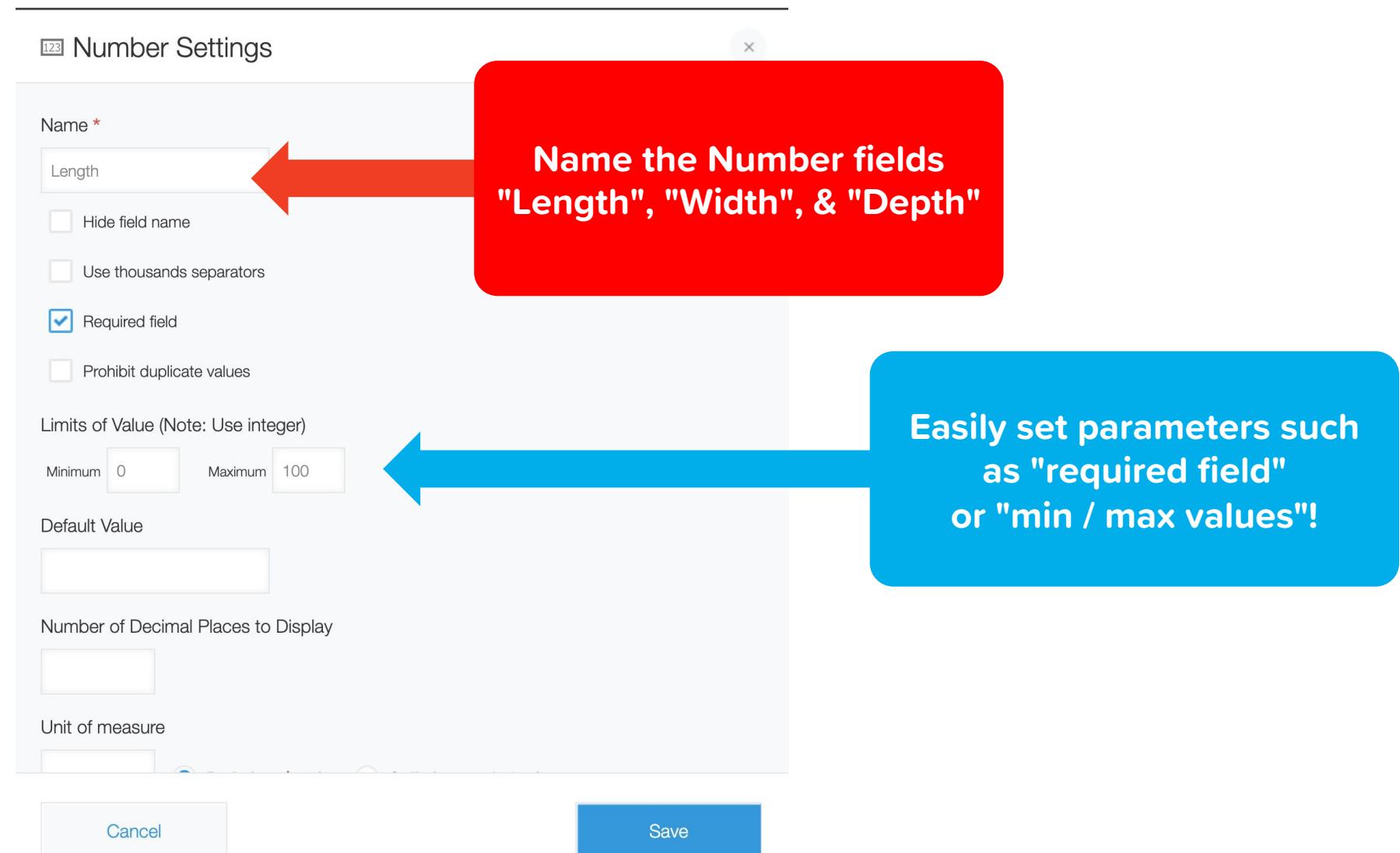
⚠ Case sensitive!

Add two options:  
"Cube" & "Torus"  
⚠ Code Breaking!  
⚠ Case sensitive!

# Inside the Number Settings

Click on the **Gear** from the text field's left corner.

Edit the **Name** & **Other Options**



# Inside the Number Settings Part 2

Click on the **Gear** from the text field's left corner.

Edit the **Field Code**

The screenshot shows the 'Number Settings' dialog box with the following configuration:

- Hide field name: Unchecked
- Use thousands separators: Unchecked
- Required field: Checked
- Prohibit duplicate values: Unchecked
- Limits of Value (Note: Use integer):
  - Minimum: 0
  - Maximum: 100
- Default Value: An empty input field.
- Number of Decimal Places to Display: An empty input field.
- Unit of measure: An empty input field.
- Field Code \*:
  - width
  - Prefix (e.g. \$100)
  - Suffix (e.g. 0.5)

Set Field Code to "length", "width", & "depth"

⚠ Case sensitive!

# Does Your App Look Like This?

We changed...

Title

1x Dropdown Field  
3x Number Fields

Set the fields'  
**Names**  
and **Field Codes**

The screenshot shows the kintone 3D Gallery (Workshop) app builder interface. At the top, there's a navigation bar with icons for Home, Settings, and a search bar labeled "Search in App". On the right, it says "Last Updated: Developer 1:11 AM". Below the navigation is the app title "3D Gallery (Workshop)" with a blue icon. A note below the title says "Notes for app administrators does not exist [Create](#)". The main area has tabs for "Form", "Views", "Graphs", and "App Settings", with "Form" selected. On the left, there's a sidebar with a "Save Form" button and a list of field types: 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, and Blank space. On the right, there are input fields for "Shape Type" (set to "Cube"), "Length \*", "Width \*", and "Depth \*".

# Create a Custom View

Within the App

→ Views Tab

→ Add a View

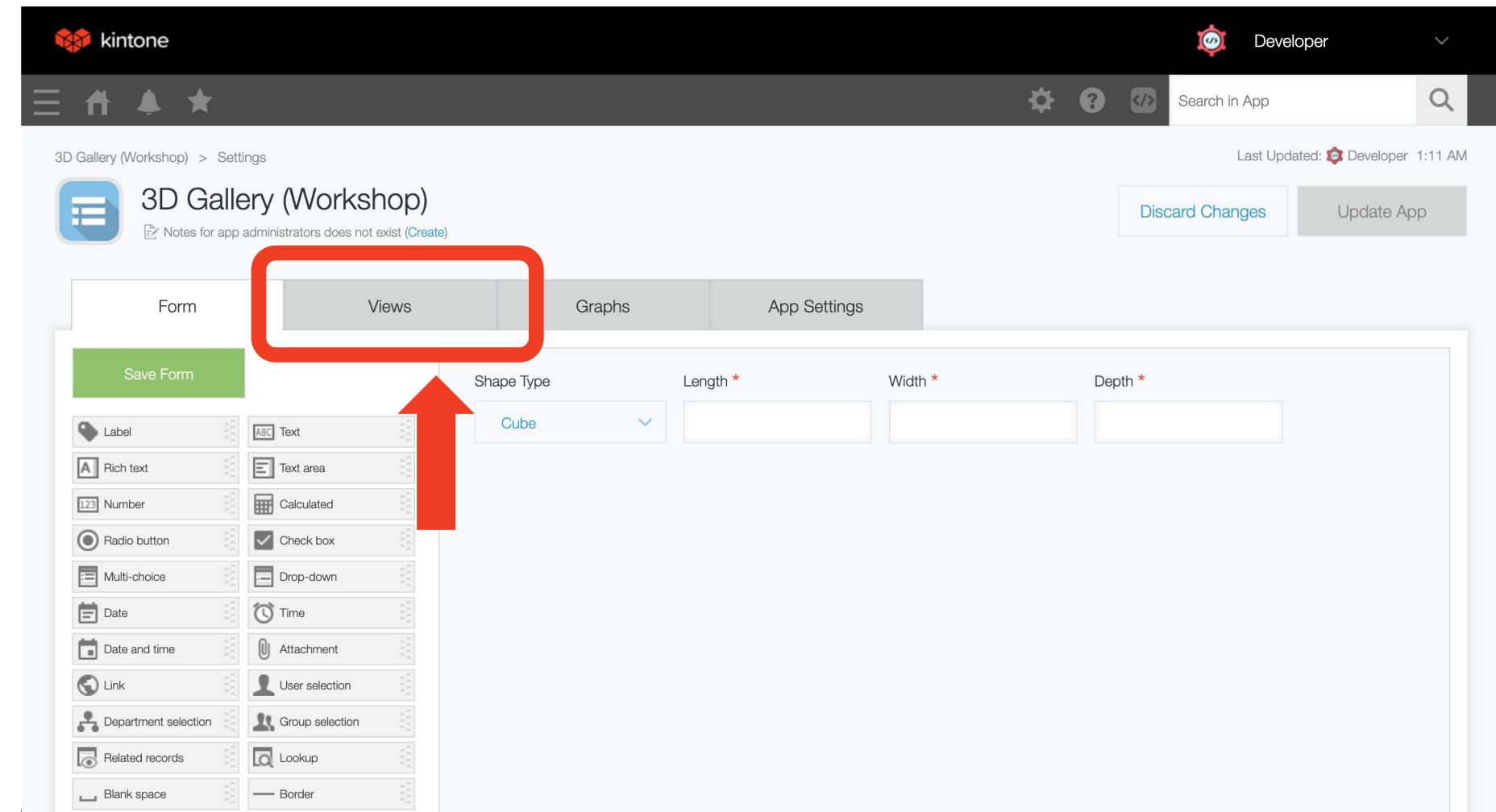
→ Name the View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



# Create a Custom View

Within the App

→ Views Tab

→ Add a View

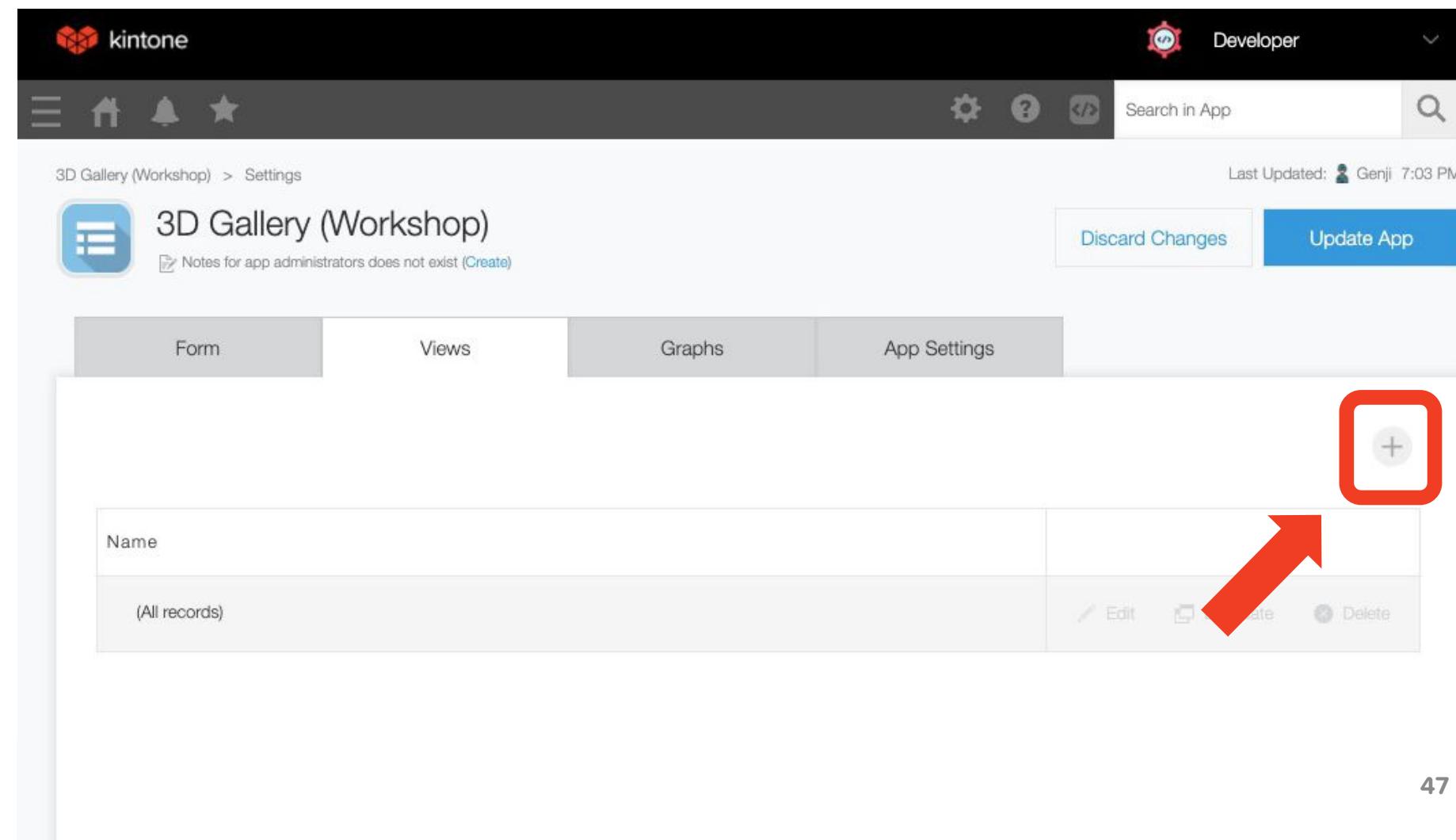
→ Name the View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



# Create a Custom View

Within the App

→ Views Tab

→ Add a View

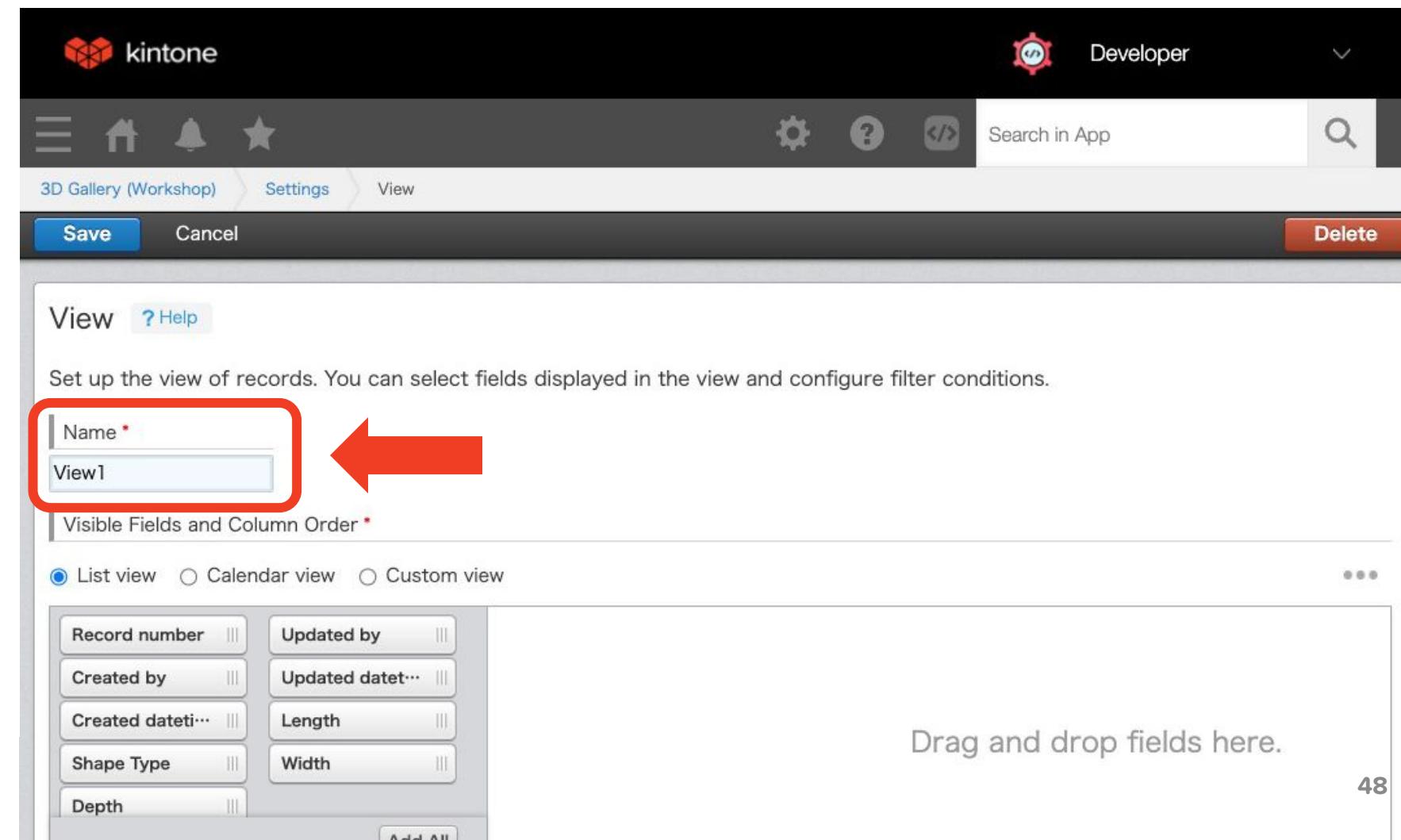
→ Name the View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



# Create a Custom View

Within the App

→ Views Tab

→ Add a View

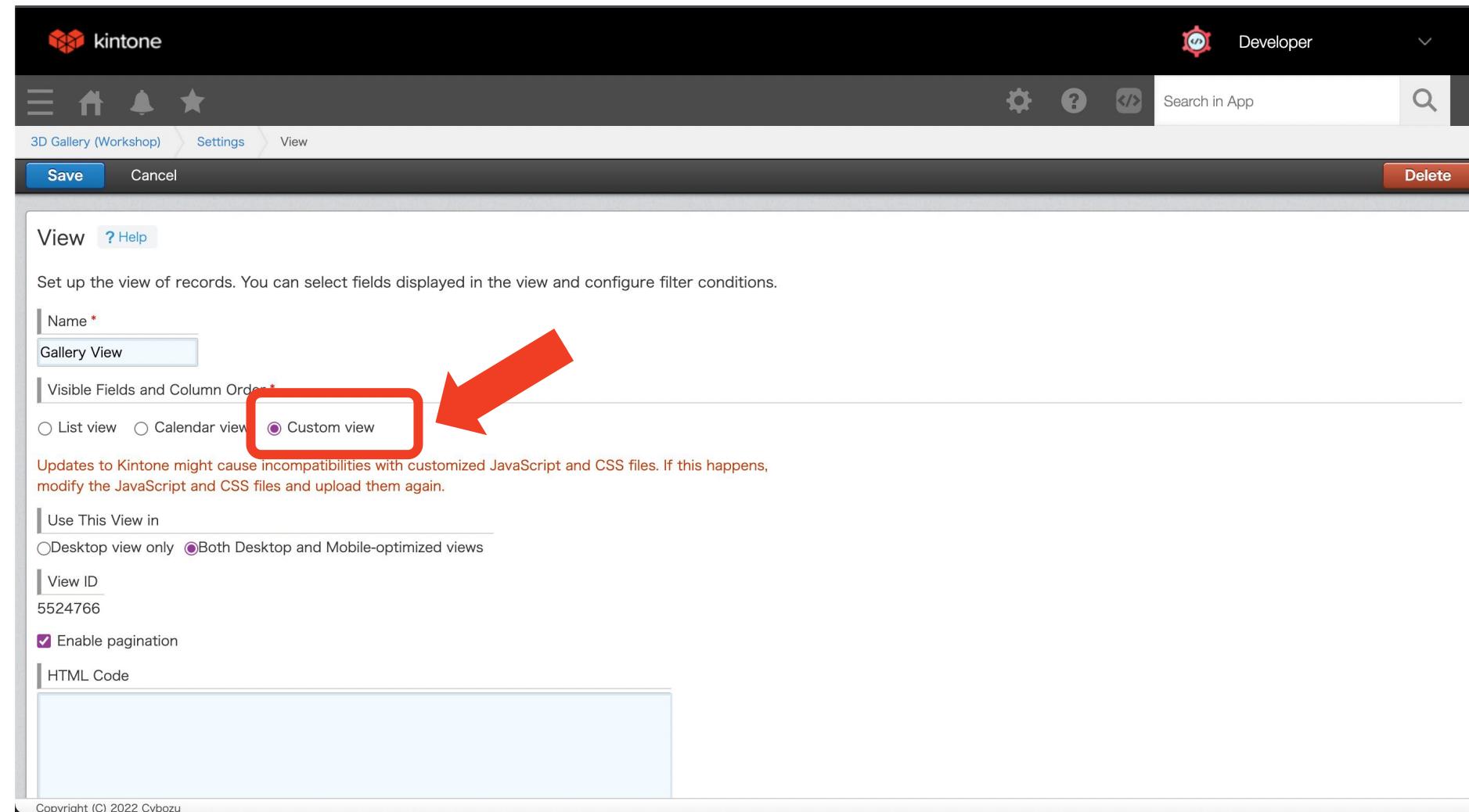
→ Name the View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



# Create a Custom View

Within the App

→ Views Tab

→ Add a View

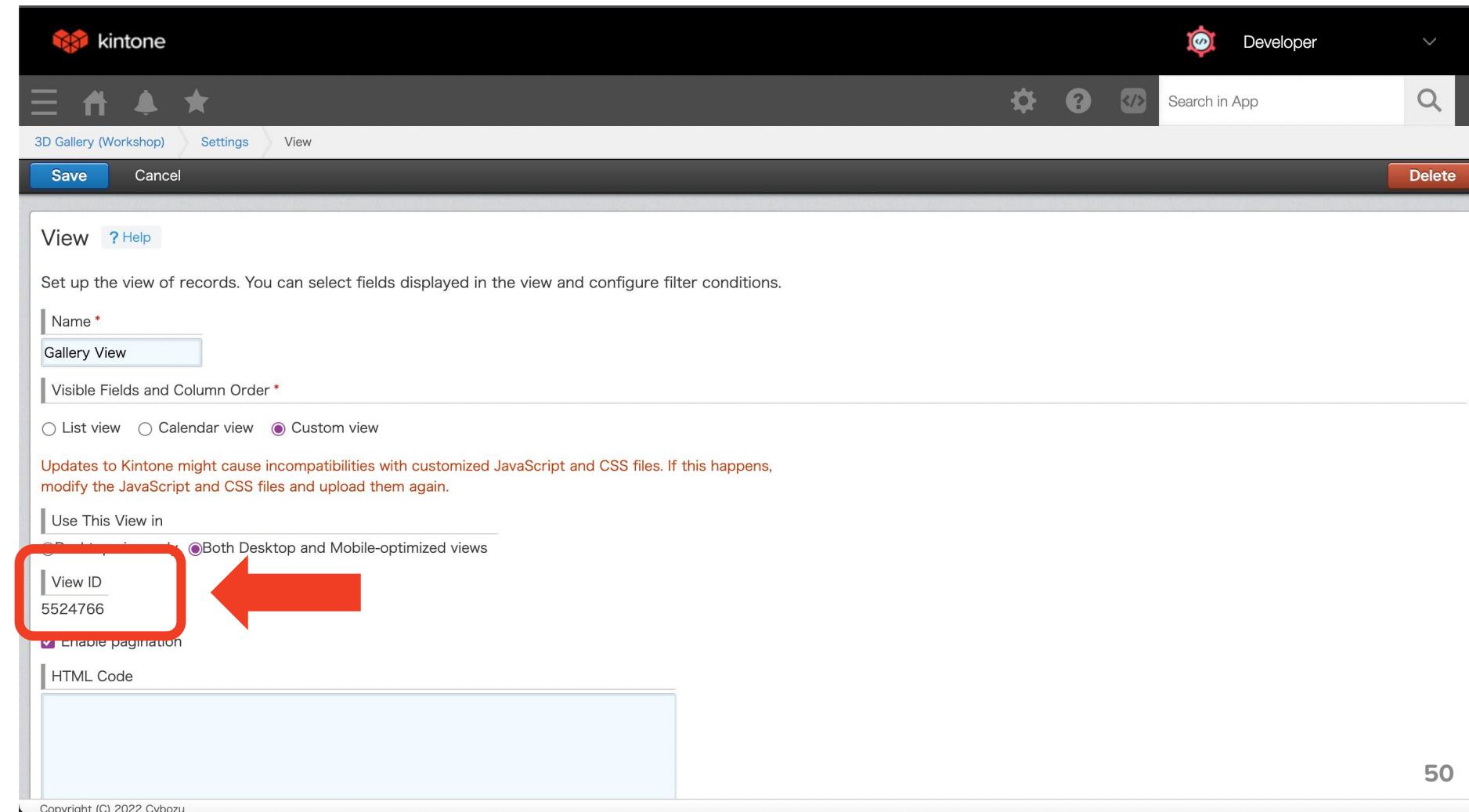
→ Name the View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



# Create a Custom View

Within the App

→ Views Tab

→ Add a View

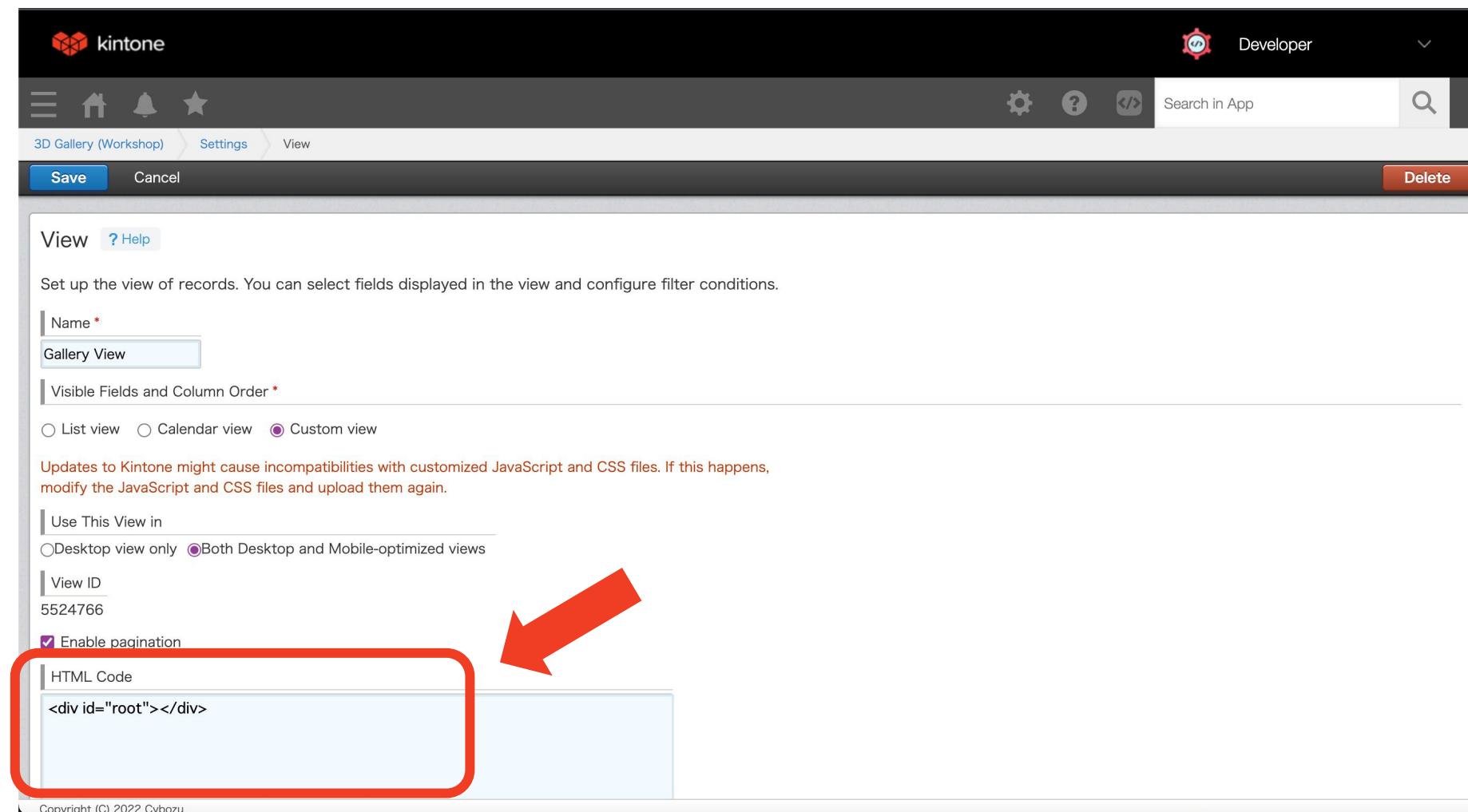
→ Name the View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



# Create a Custom View

Within the App

→ Views Tab

→ Add a View

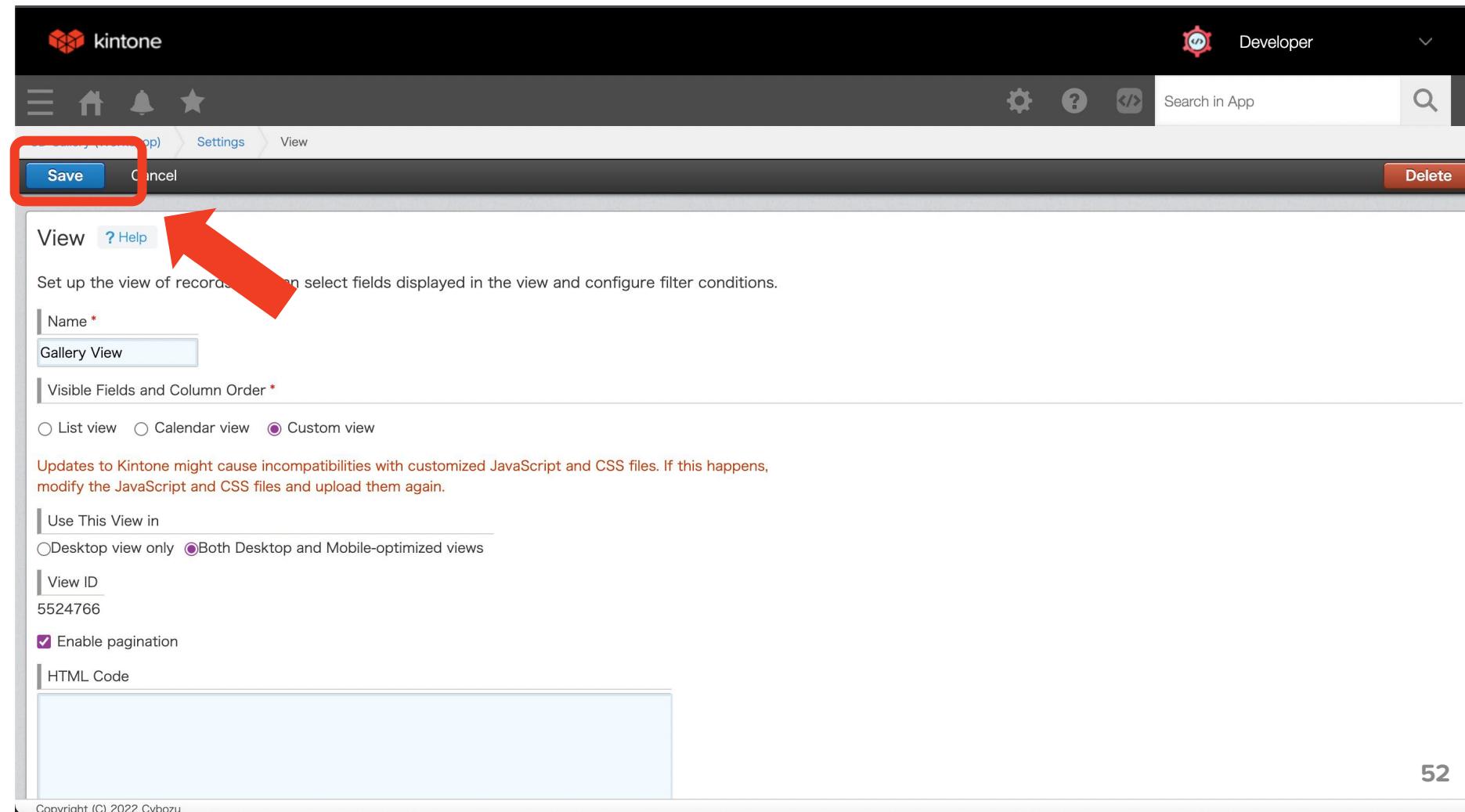
→ Name the View

→ Custom View

→ Get View ID

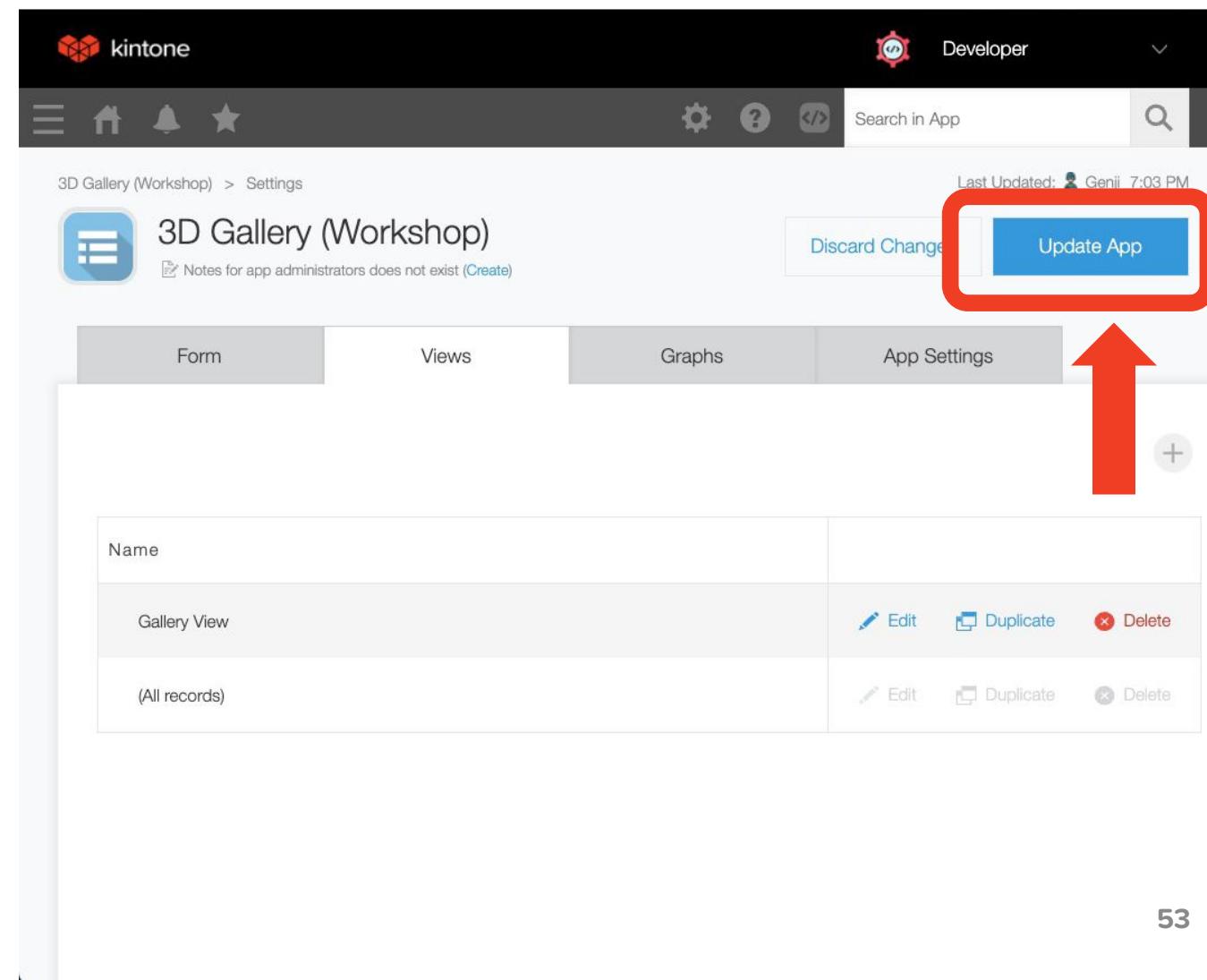
→ Add div with root

→ Save



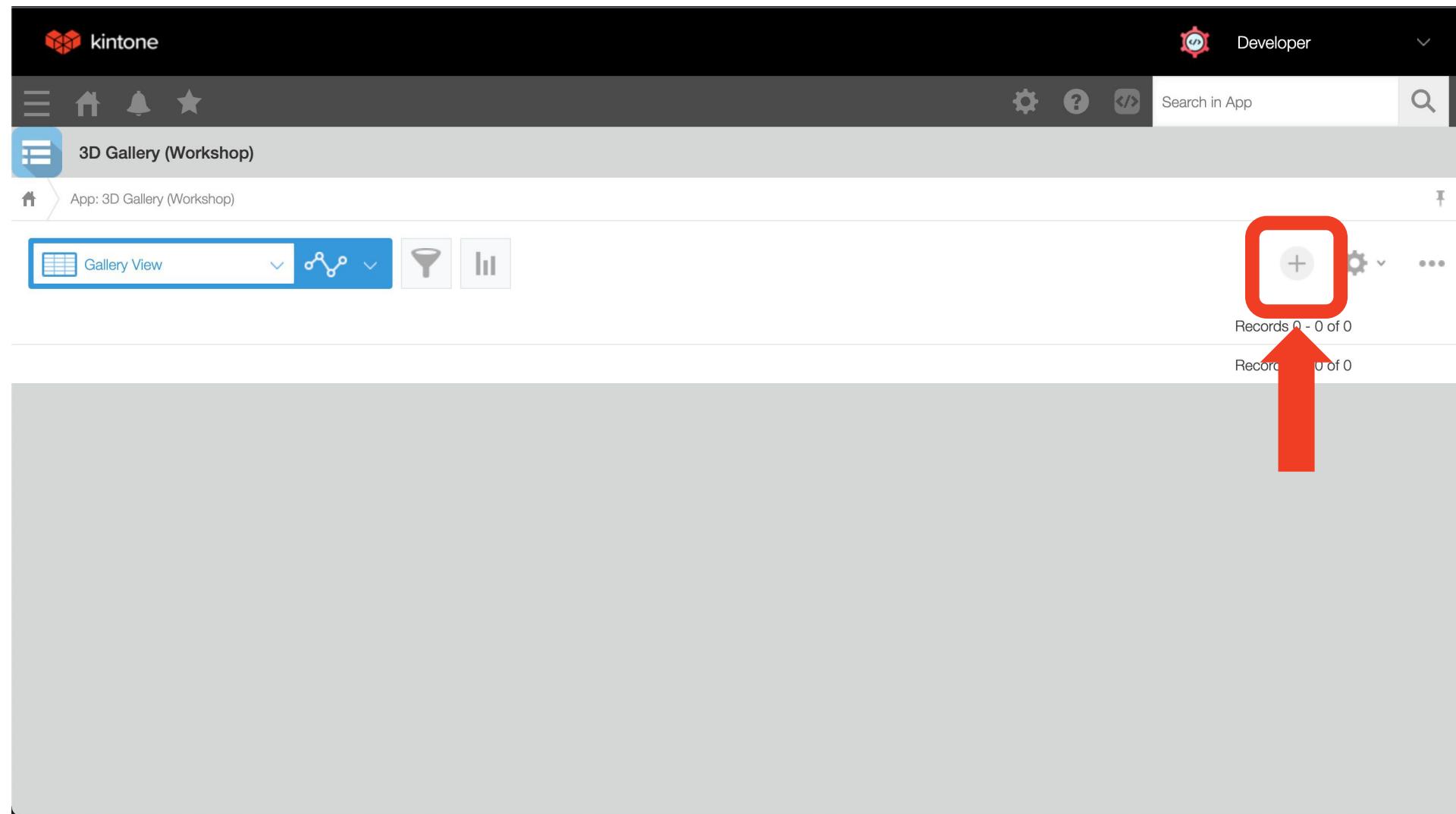
# Activate the Kintone Database App

Click on the  
**Activate App**  
or  
**Update App**  
button to  
implement the  
changes!



# Create a Record

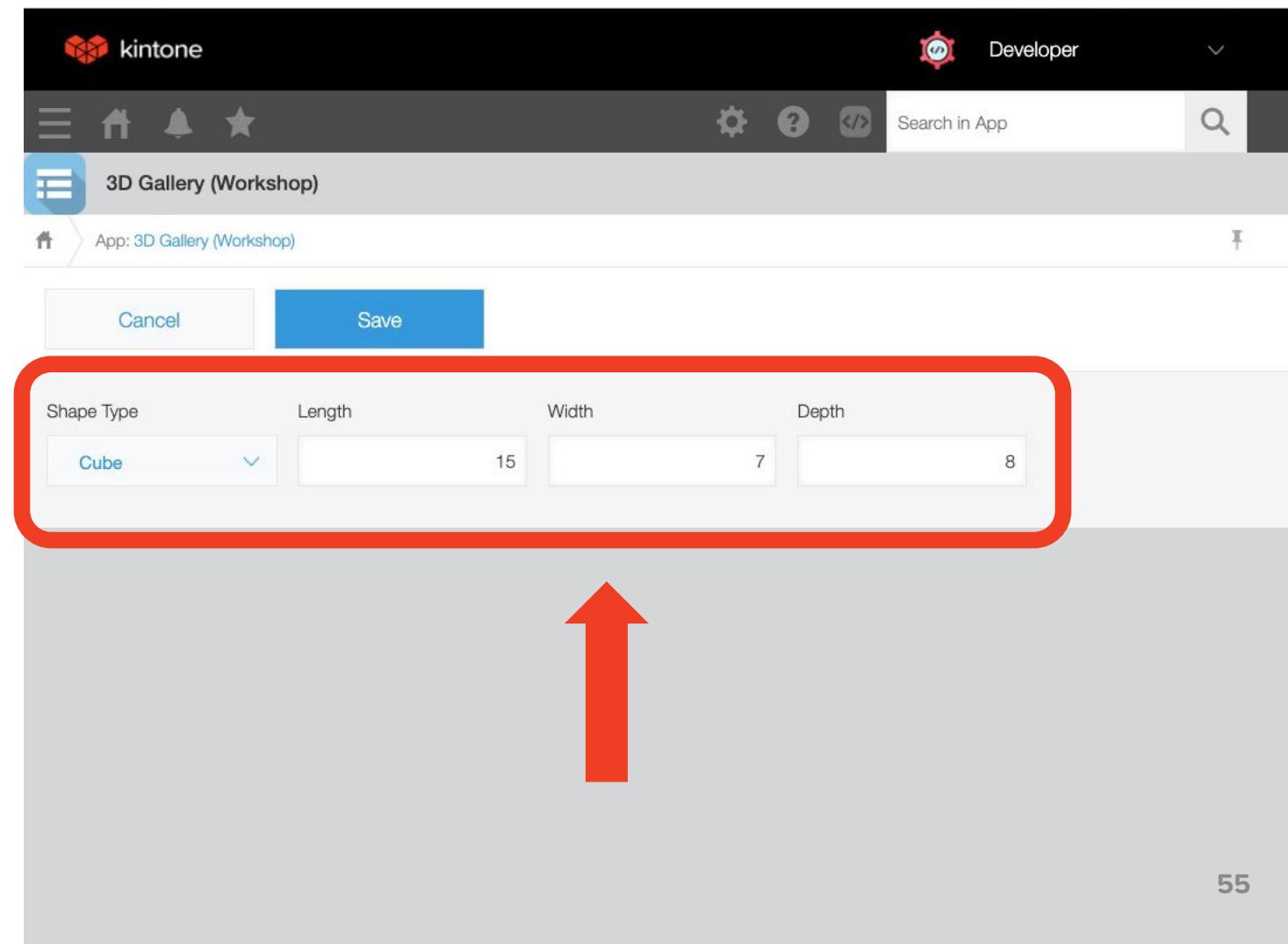
Click the  
[+] button  
on the  
Right side to  
create a record



# Save a Record

Choose a Shape Type, and input a Length, Width, and Depth

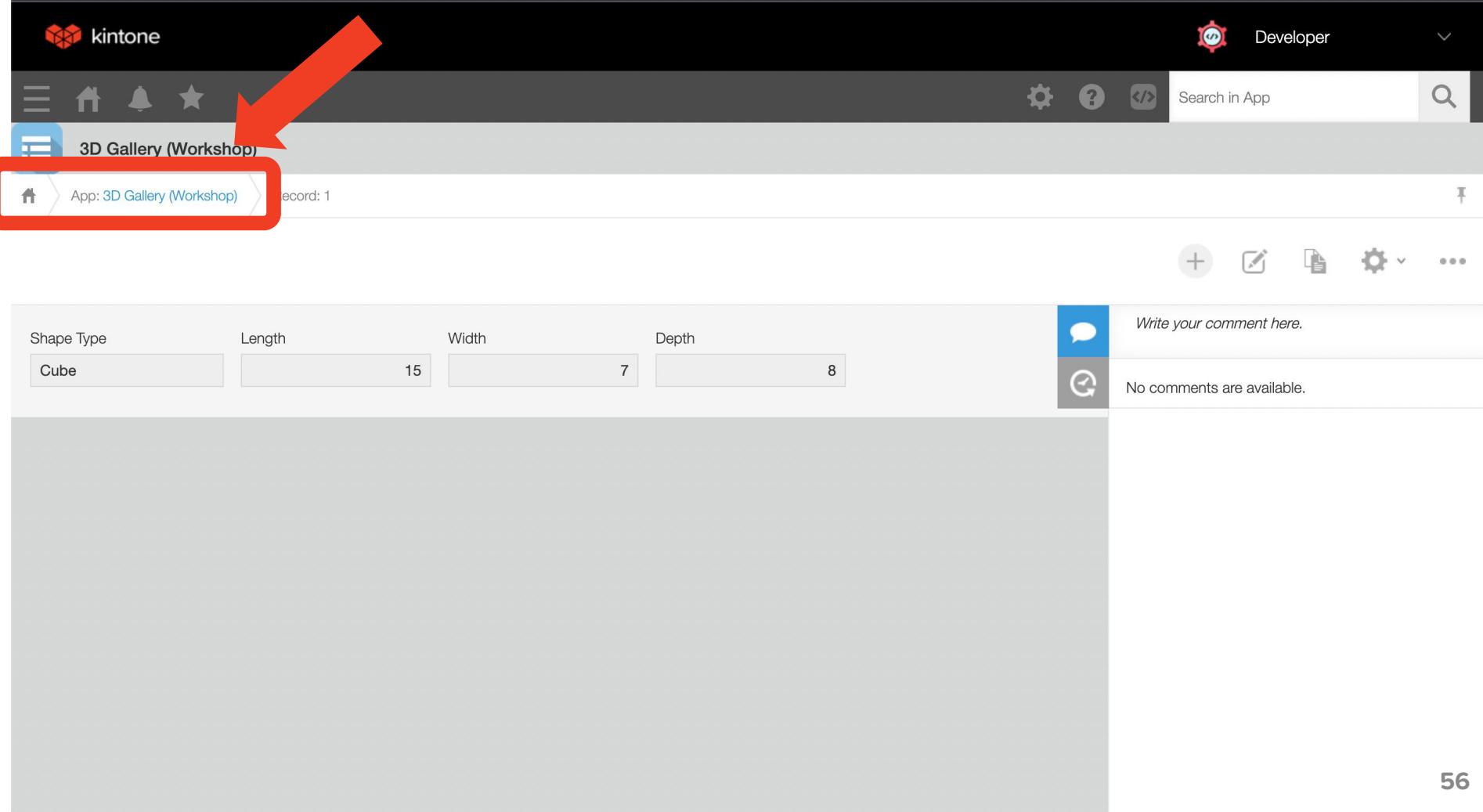
Then click the **Save button**



# View a Record

You created  
your first record!

Click on the  
**blue 3D Gallery**  
link to view all  
the records



The screenshot shows a kintone application window. At the top, there's a navigation bar with icons for home, search, and developer mode. Below the bar, a breadcrumb trail reads "App: 3D Gallery (Workshop) > Record: 1". A red arrow points from the text above to this breadcrumb area. The main content area displays a form with fields: "Shape Type" (set to "Cube"), "Length" (15), "Width" (7), and "Depth" (8). To the right of the form is a comment section with a blue speech bubble icon and the placeholder "Write your comment here." Below it, a grey box states "No comments are available." At the bottom right of the screen, the page number "56" is visible.

# Going to the Custom View

After creating  
few more  
records

Let's go to the  
Custom View:  
Gallery View

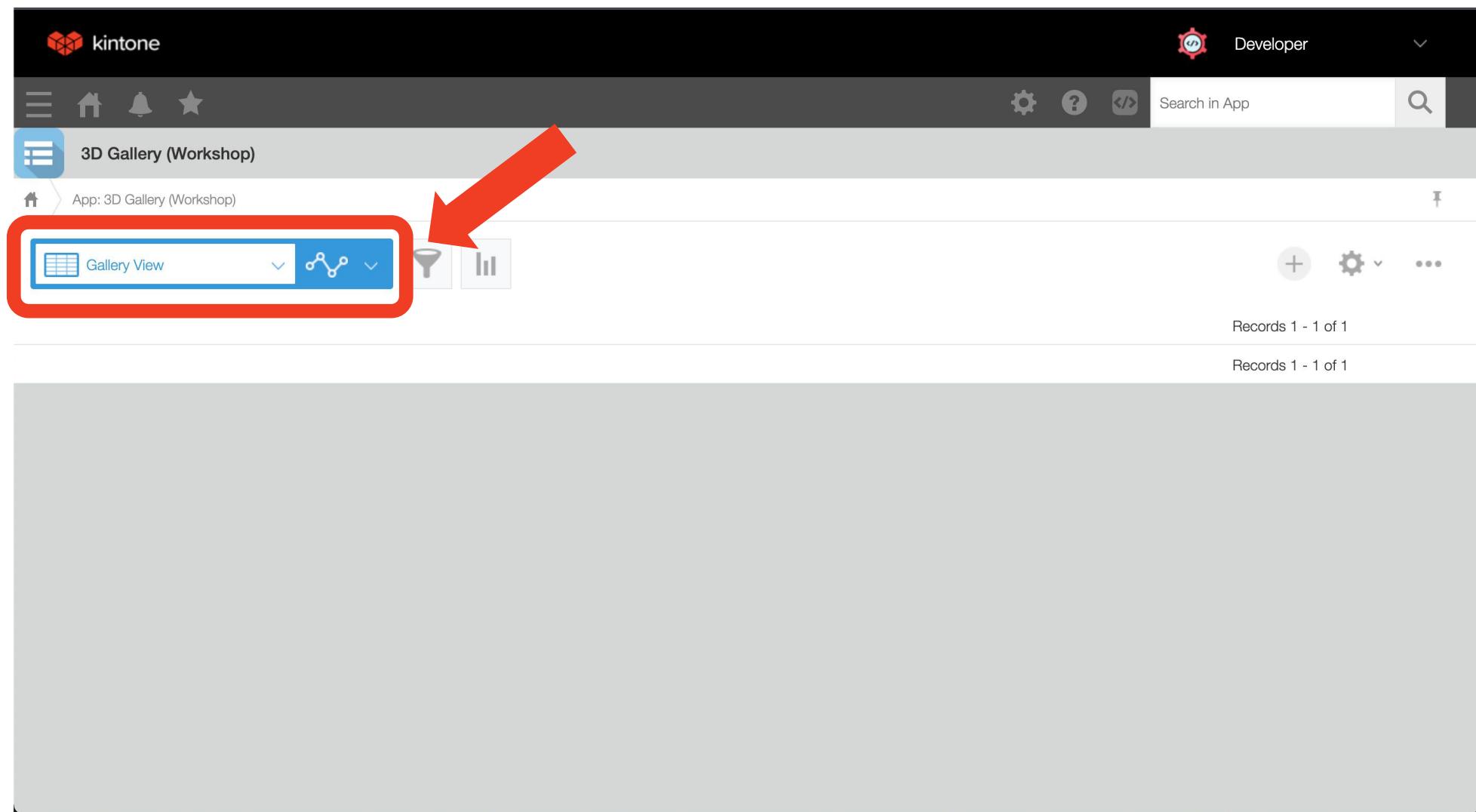
The screenshot shows the kintone application interface. At the top, there is a navigation bar with the kintone logo, a 'Developer' button, and a search bar labeled 'Search in App'. Below the navigation bar, the title '3D Gallery (Workshop)' is displayed. A breadcrumb trail shows the path: 'App: 3D Gallery (Workshop)'. In the center, there is a dropdown menu with two options: '(All records)' and 'Gallery View'. The 'Gallery View' option is highlighted with a red box and has a red arrow pointing to it from the left. Below the dropdown, a table displays one record with the following data:

Record number	Shape Type	Length	Width	Depth
1	Cube	15	7	8

At the bottom right of the table, there are edit and delete icons. The status 'Records 1 - 1 of 1' is shown at the bottom right of the table area.

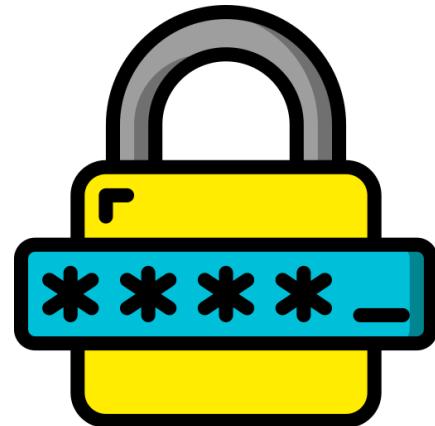
# Going to the Custom View

Since we have  
not completed  
the  
customization,  
we do not see  
anything... YET!



# Connect Kintone to the Project

1. Input Kintone Subdomain
2. Input Kintone Login Credentials
3. Input View ID from Custom View setting
4. Update App ID in  
customize-manifest.json



# Go inside the `.env.example` file

- **.env.example** file is used to verify that `.env` file is correctly configured
- **Duplicate** this file & name it "`.env`"

```
KINTONE_BASE_URL=
KINTONE_USERNAME=
KINTONE_PASSWORD=
VIEW_ID=
```

# Example .env file

```
KINTONE_BASE_URL="https://example.kintone.com"  
KINTONE_USERNAME="example@gmail.com"  
KINTONE_PASSWORD="ILoveKintone!"  
VIEW_ID="1234567"
```

# Where to get the View ID?

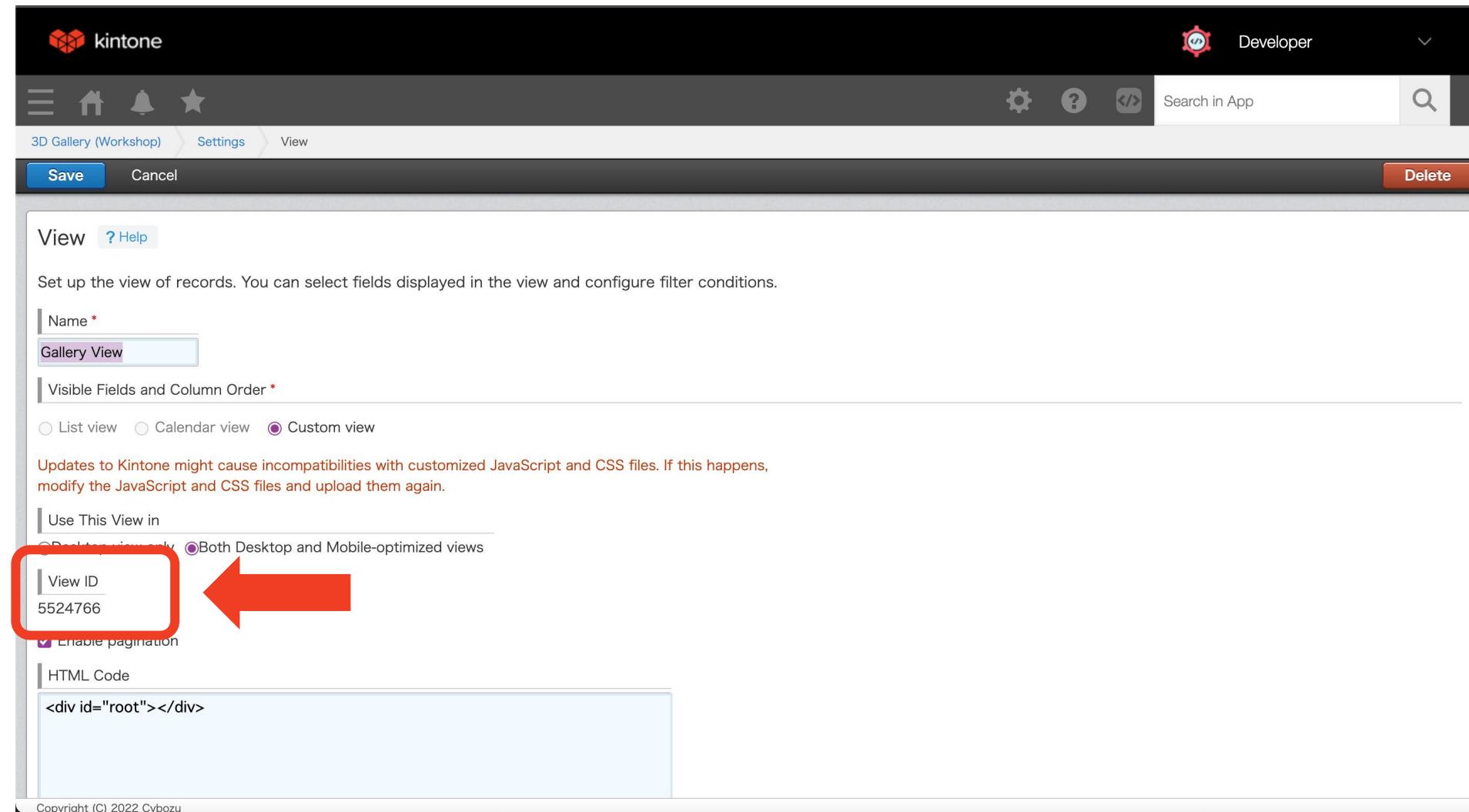
Go to the App

→ App Settings 

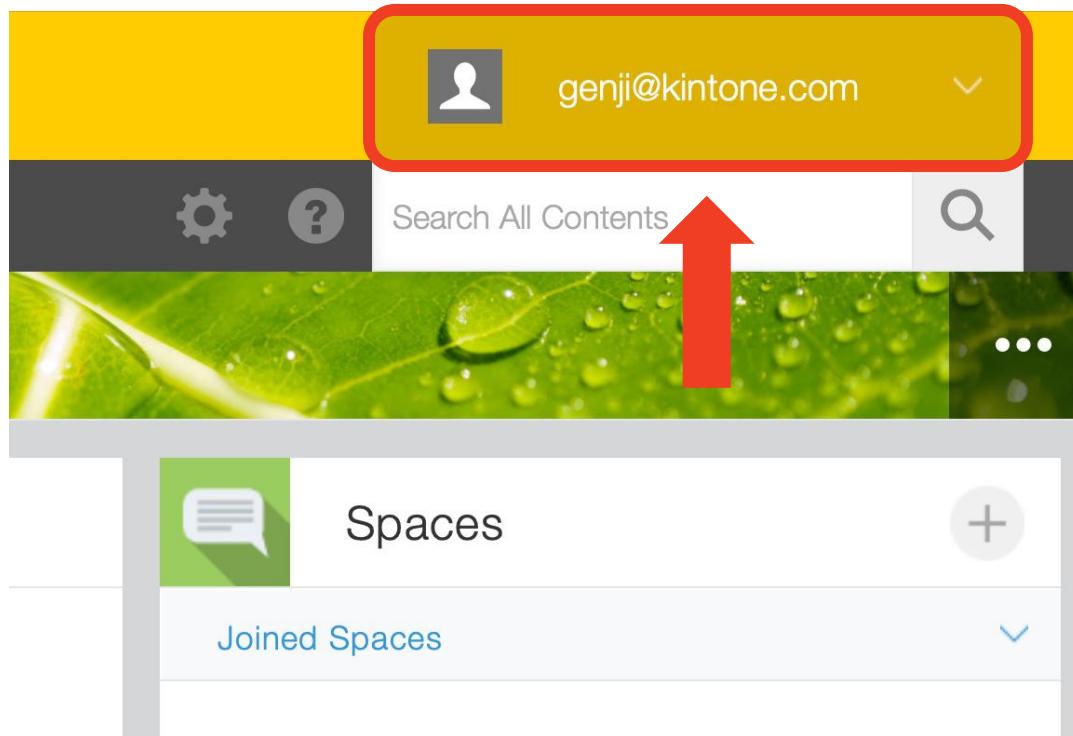
→ View Tab

→ Search Bar View

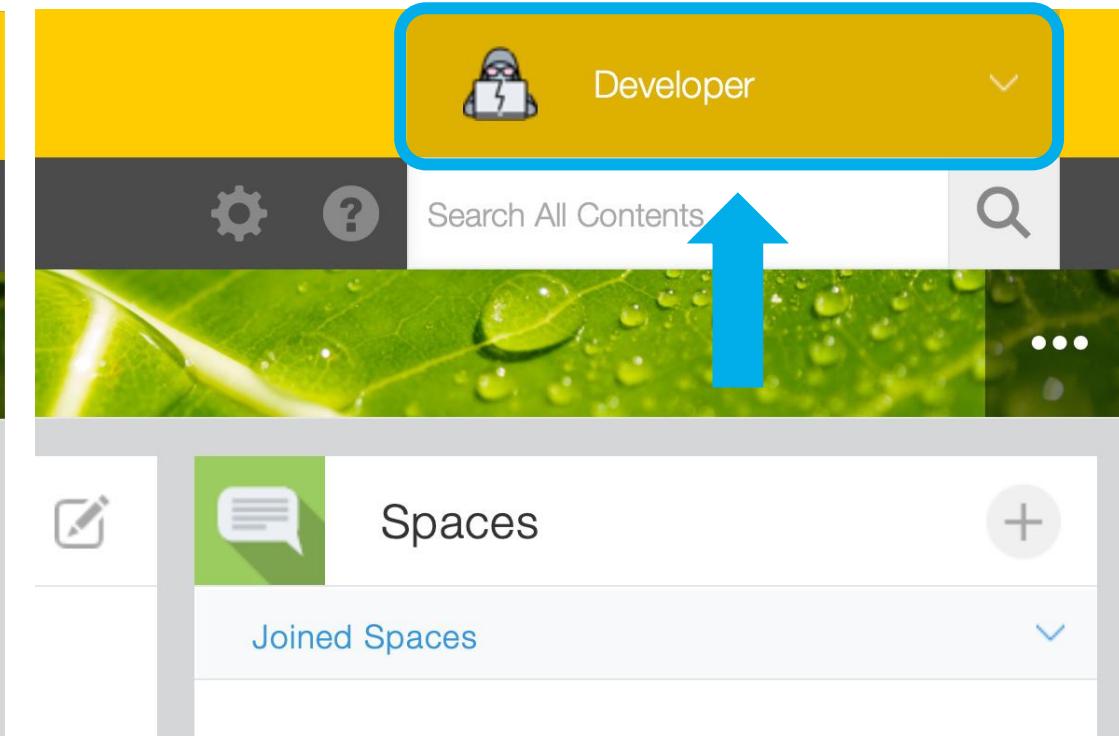
→ Get View ID



## Where to get the Username ?



**Default: Email address**



**If modified: Display Name**

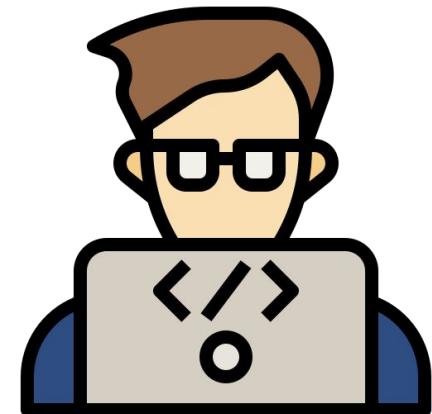
# Go inside the `customize-manifest.json` file

- `customize-manifest.json` file is Kintone Customize Uploader's configuration file
- Replace the **23** with your App's ID
- If it is your first Kintone App, it would be **1**

```
{  
  "app": "23", ←  
  "scope": "ALL",  
  "desktop": {  
    "js": ["dist/KintoneCustomization.js"],  
    "css": []  
  ...  
}
```

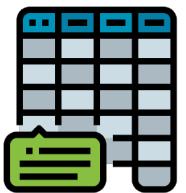
# Time to Explore the Code

1. Code Overview
2. Complete the React Components
3. npm run start

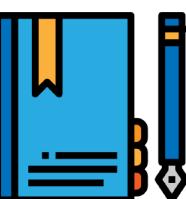
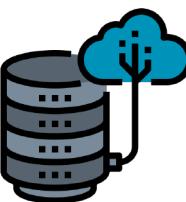
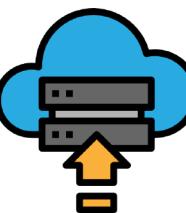


# Next Steps

What are the next steps you can take?

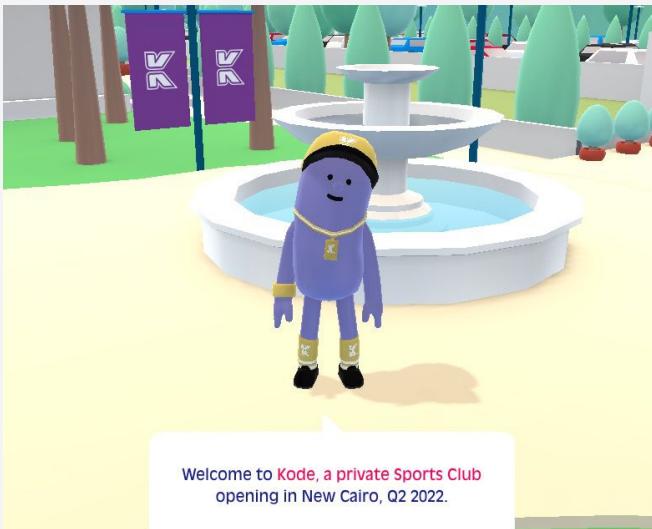


- Add an input form to add shapes to the scene and save them to the database
- Animate the shapes to move along a path
- Add keyboard controls to fly around your scene
- Share your experience on dev.to!



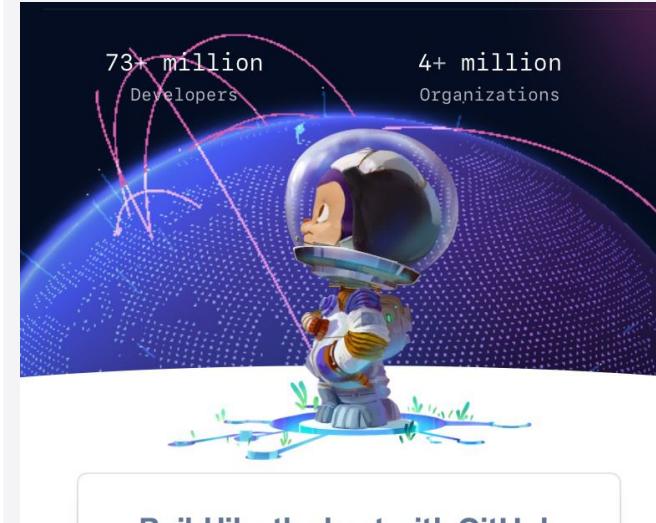
# What can you do with THREE.JS?

Fully interactive



[kodeclubs.com](http://kodeclubs.com)

3D Backgrounds



[github.com/home](https://github.com/home)

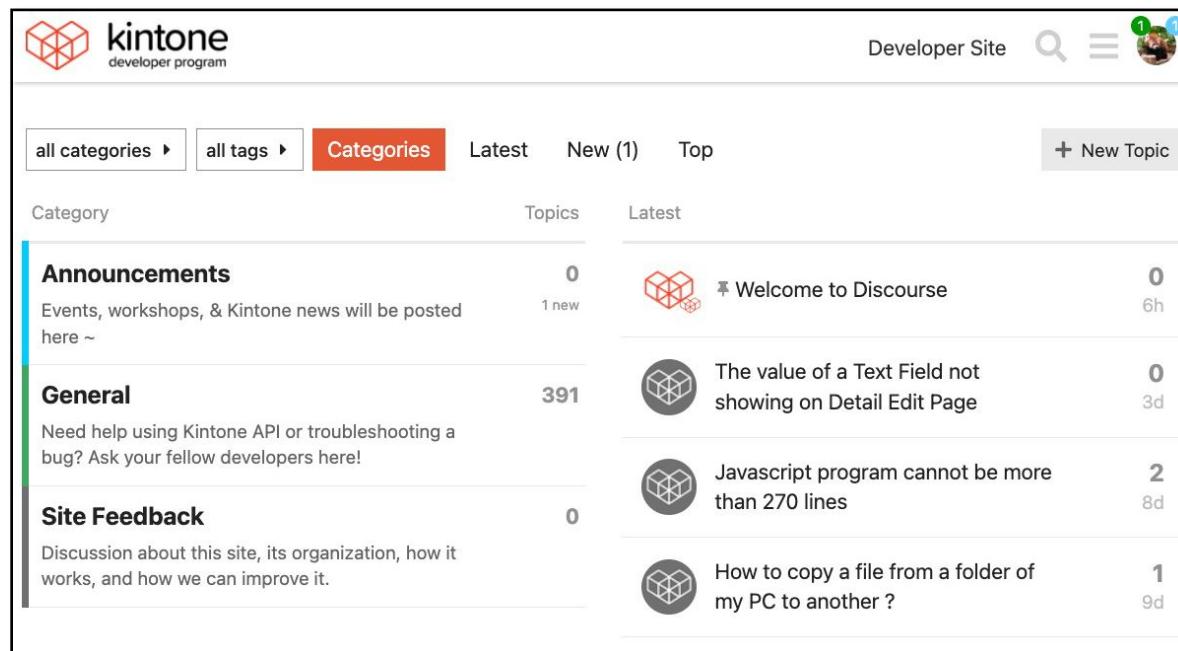
More Parallax!



[guillaumegouessan.com](http://guillaumegouessan.com)

# Where Can I Get Help?

If you're stuck, share your code on the Kintone Developer Community forum or on Stack Overflow!

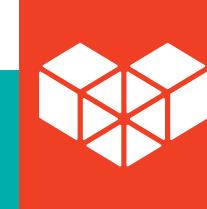


The screenshot shows the Kintone Developer Site forum. At the top, there are navigation links for "all categories", "all tags", and "Categories" (which is highlighted in red). Below that, there are filters for "Topics" and sorting options: "Latest", "New (1)", and "Top". A "New Topic" button is also visible. The main area displays three categories: "Announcements" (0 topics), "General" (391 topics), and "Site Feedback" (0 topics). Each category has a brief description. To the right, a list of topics is shown, each with a thumbnail icon, the title, the number of replies, and the last update time.

Category	Topics
Announcements	0
Events, workshops, & Kintone news will be posted here ~	1 new
General	391
Need help using Kintone API or troubleshooting a bug? Ask your fellow developers here!	
Site Feedback	0
Discussion about this site, its organization, how it works, and how we can improve it.	

Topic	Replies	Last Update
Welcome to Discourse	0	6h
The value of a Text Field not showing on Detail Edit Page	0	3d
Javascript program cannot be more than 270 lines	2	8d
How to copy a file from a folder of my PC to another ?	1	9d





Any  
Questions?

[developer.kintone.io](https://developer.kintone.io)

# Thank You!

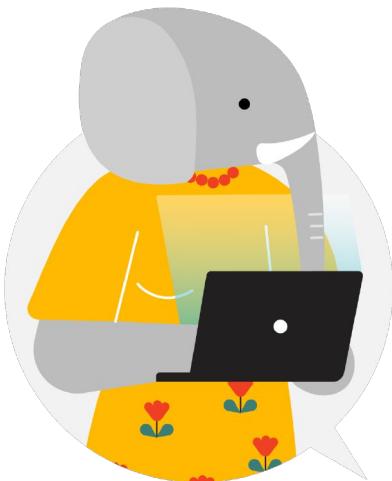


# Thank You to Our Community Partners!



**HackBuddy by JavaScriptLA**

# Join Our Future Workshops!



We are cooking up **new content**  
for our **upcoming workshops!**



Join our Meetup to not miss out!

**[bit.ly/KDP\\_Events](https://bit.ly/KDP_Events)**



# Bring a Buddy Campaign!



**For every friend you invite & joins the workshop,  
you will receive an additional entry in the  
Amazon Gift Card raffle!**

# Workshop Recording on YouTube

This workshop's recording will be posted on  
our YouTube Channel!

Our past workshops are posted as well:

Charts: Bubble Cloud, Word Cloud

Introductions: REST API, JS Promise, React x Kintone



**[bit.ly/KDP\\_Video](https://bit.ly/KDP_Video)**

# Thank You for Your Participation!

**Fill out our quick survey for a  
chance to win a  
\$25 Amazon gift card!**



**We are also giving out  
SWAG!**

*\*Limited to US locations*



**[bit.ly/KDP\\_Apr2022](https://bit.ly/KDP_Apr2022)**