



Recording will
be shared

Welcome to the **React x Web Database Workshop!**

**Download
Code & Slide**

bit.ly/KDP.REACT

Click the top right
Download ZIP
button



↓

↓

Sign Up For:

#1 Developer Account
bit.ly/KDP.signup

#2 Kintone Subdomain
bit.ly/K.DevLic



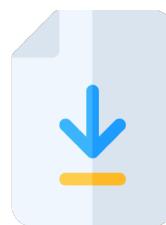
**Asking Questions
& Raising Hands**

Post questions in
the chat anytime!

Include your code
& error messages.



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



Instantly share code, notes, and snippets.



[ahansel / 00_React_REST_API_Workshop.md](#)

Last active 40 minutes ago

[Code](#)

[Revisions](#)

11

[Star](#)

0

[Fork](#)

0



[Download ZIP](#)

[00_React_REST_API_Workshop.md](#)

Click here to download
EVERYTHING

[Raw](#)

React & REST API Workshop!

Let's Access Web Database Data From a React Component

Thank you for attending our Kintone x React workshop!

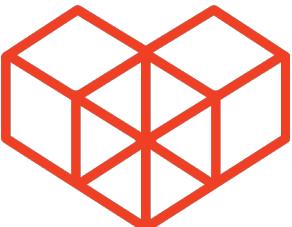
Use the following files to follow along!

Download Links

Scroll down to
view the other files



#1 - Sign Up for Developer Account



bit.ly/KDP_signup

⚠ Do NOT use Safari ⚡

⚡ Accept Cookies First ⚡

✓ Chrome & Firefox works ✓

The screenshot shows a sign-up form for the Kintone Developer Program. The page has a red header with the Kintone logo and navigation links. The main content area has a yellow background with a giraffe image. It contains instructions to sign up and verify an email, followed by fields for 'Your full name *' and 'Your email *'. A reCAPTCHA checkbox is present. At the bottom is a large blue 'Sign up' button.

Sign up to Kintone Developer Program

Please fill out this form, and we'll send you a welcome email so you can verify your email address and sign in.

Your full name *

Your email *

I'm not a robot

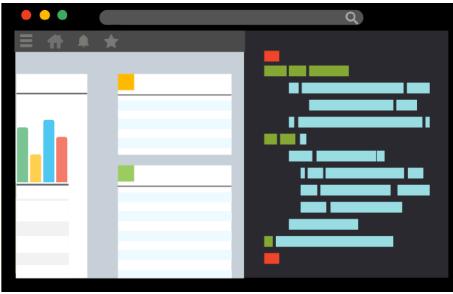
reCAPTCHA
Privacy - Terms

Sign up

Cancel



#2 - Create a Kintone Subdomain



bit.ly/K_DevLic

⚠ No Special Characters ⚠

⚡ Name your Subdomain with only ⚡
lowercase [a-z], numbers [0-9],
& hyphens [-]

✓ e.g. weekend-hacker, coffee4life ✓

Terms of Service for the Developer License

The account holder of this developer program who applies for the license (hereinafter referred to as "User") must comply with all of the provisions and the following conditions set out by Kintone Corporation (hereinafter referred to as "Kintone"), who will provide a Kintone developer license to the User.

[Kintone Developer License Terms of Service](#)

Developer License Application Form

First Name*

Last Name*

Email*

Company Name*

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*](#)

protected by reCAPTCHA Privacy - Terms

[Sign Up](#)



Let's Practice using Zoom's Reactions

A screenshot of the Zoom meeting control bar. At the top center, it says "Zoom Meeting". On the left, there are icons for Unmute (muted), Start Video (video off), Participants (2 participants), Chat, Share Screen (green up arrow), Record, and Leave. In the center, there is a "Raise Hand" button with a hand icon. Above the "Raise Hand" button is a row of five emoji reactions: clapping hands, thumbs up, heart, laughing face, and surprised face. Below the "Raise Hand" button is a "Reactions" button with a smiley face and plus sign icon, which is highlighted with a red rounded rectangle and a red arrow pointing to it from the bottom right. The "Share Screen" button is also highlighted with a green rounded rectangle.

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



Hello From Kintone

Nim

Technical Evangelist



Will

Developer Advocate



Genji

Developer Advocate



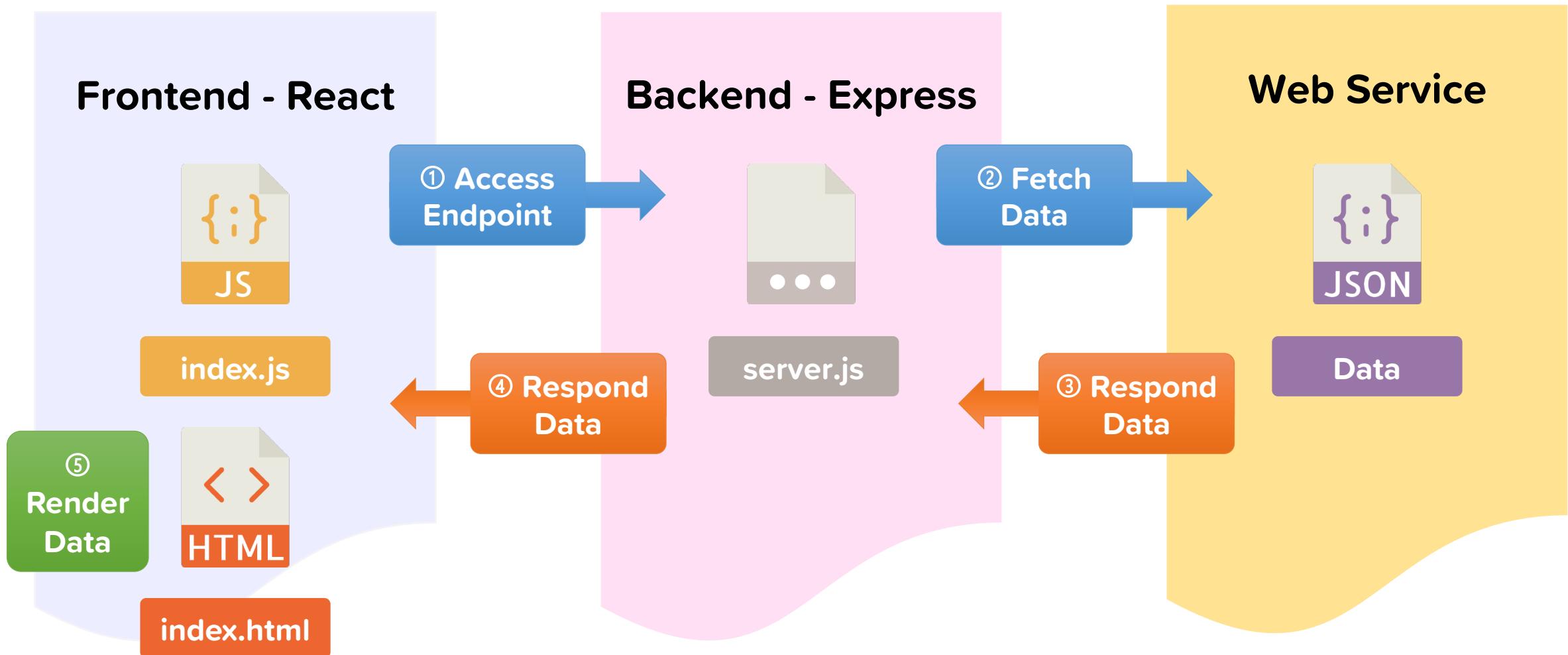
React & REST API

Get Data From a Web Database!





What We Will Make Today





What We Will Make Today

React App

```
{"records": [{"Total_In_Kind_Value": {"type": "CALC", "value": "75"}, "Last_user": {"type": "MODIFIER", "value": "Owner", "name": "Owner"}, "Time": {"type": "SUBTABLE", "value": [{"id": "40", "value": "finished_time": "TIME", "value": "14:00"}, {"started_time": {"type": "TIME", "value": "09:00"}, "worked_date": {"type": "DATE", "value": "2018-07-03"}], "Total_Hours": {"type": "CALC", "value": "5"}, "$revision": {"type": "__REVISION__", "value": "1"}, "Date": {"type": "DATE", "value": "2018-07-31"}, "Updated_datetime": {"type": "UPDATED_TIME", "value": "2019-11-13T06:55:00Z"}, "Created_datetime": {"type": "CREATED_TIME", "value": "2019-11-13T06:55:00Z"}, "Record_number": {"type": "RECORD_NUMBER", "value": "20"}, "Author": {"type": "CREATOR", "value": "Owner", "name": "Owner"}, "Summary": {"type": "SINGLE_LINE_TEXT", "value": ""}, "InKind": {"type": "NUMBER", "value": "15"}, "Volulnteer": {"type": "SINGLE_LINE_TEXT", "value": "Rominov Natasha"}, "$id": {"type": "__ID__", "value": "20"}, {"Total_In_Kind_Value": {"type": "CALC", "value": "75"}, "Last_user": {"type": "MODIFIER", "value": "Owner", "name": "Owner"}, "Time": {"type": "SUBTABLE", "value": [{"id": "38", "value": "finished_time": "TIME", "value": "14:00"}, {"started_time": {"type": "TIME", "value": "09:00"}, "worked_date": {"type": "DATE", "value": "2018-07-03"}], "Total_Hours": {"type": "CALC", "value": "5"}, "$revision": {"type": "__REVISION__", "value": "1"}, "Date": {"type": "DATE", "value": "2018-07-31"}, "Updated_datetime": {"type": "UPDATED_TIME", "value": "2019-11-13T06:55:00Z"}, "Created_datetime": {"type": "CREATED_TIME", "value": "2019-11-13T06:55:00Z"}, "Record_number": {"type": "RECORD_NUMBER", "value": "19"}, "Author": {"type": "CREATOR", "value": "Owner", "name": "Owner"}, "Summary": {"type": "SINGLE_LINE_TEXT", "value": ""}, "InKind": {"type": "NUMBER", "value": "15"}, "Volulnteer": {"type": "SINGLE_LINE_TEXT", "value": "Hayes Jeffery"}, "$id": {"type": "__ID__", "value": "19"}, {"Total_In_Kind_Value": {"type": "CALC", "value": "75"}, "Last_user": {"type": "MODIFIER", "value": "Owner", "name": "Owner"}, "Time": {"type": "SUBTABLE", "value": [{"id": "36", "value": "finished_time": "TIME", "value": "14:00"}, {"started_time": {"type": "TIME", "value": "09:00"}, "worked_date": {"type": "DATE", "value": "2018-07-03"}], "Total_Hours": {"type": "CALC", "value": "5"}, "$revision": {"type": "__REVISION__", "value": "1"}, "Date": {"type": "DATE", "value": "2018-07-31"}]}]}
```

Console

```
index.js:10
Object {records: Array(20)}
  records: Array(20)
    0: Object {id: "20", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "20", ...}
    1: Object {id: "19", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "19", ...}
    2: Object {id: "18", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "18", ...}
    3: Object {id: "17", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "17", ...}
    4: Object {id: "16", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "16", ...}
    5: Object {id: "15", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "15", ...}
    6: Object {id: "14", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "14", ...}
    7: Object {id: "13", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "13", ...}
    8: Object {id: "12", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "12", ...}
    9: Object {id: "11", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "11", ...}
    10: Object {id: "10", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "10", ...}
    11: Object {id: "9", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "9", ...}
    12: Object {id: "8", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "8", ...}
    13: Object {id: "7", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "7", ...}
    14: Object {id: "6", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "6", ...}
    15: Object {id: "5", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "5", ...}
    16: Object {id: "4", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "4", ...}
    17: Object {id: "3", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "3", ...}
    18: Object {id: "2", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "2", ...}
    19: Object {id: "1", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "1", ...}
    20: Object {id: "0", revision: "1", Author: "Creator", Created_datetime: "2019-11-13T06:55:00Z", Updated_datetime: "2019-11-13T06:55:00Z", Record_number: "0", ...}
```

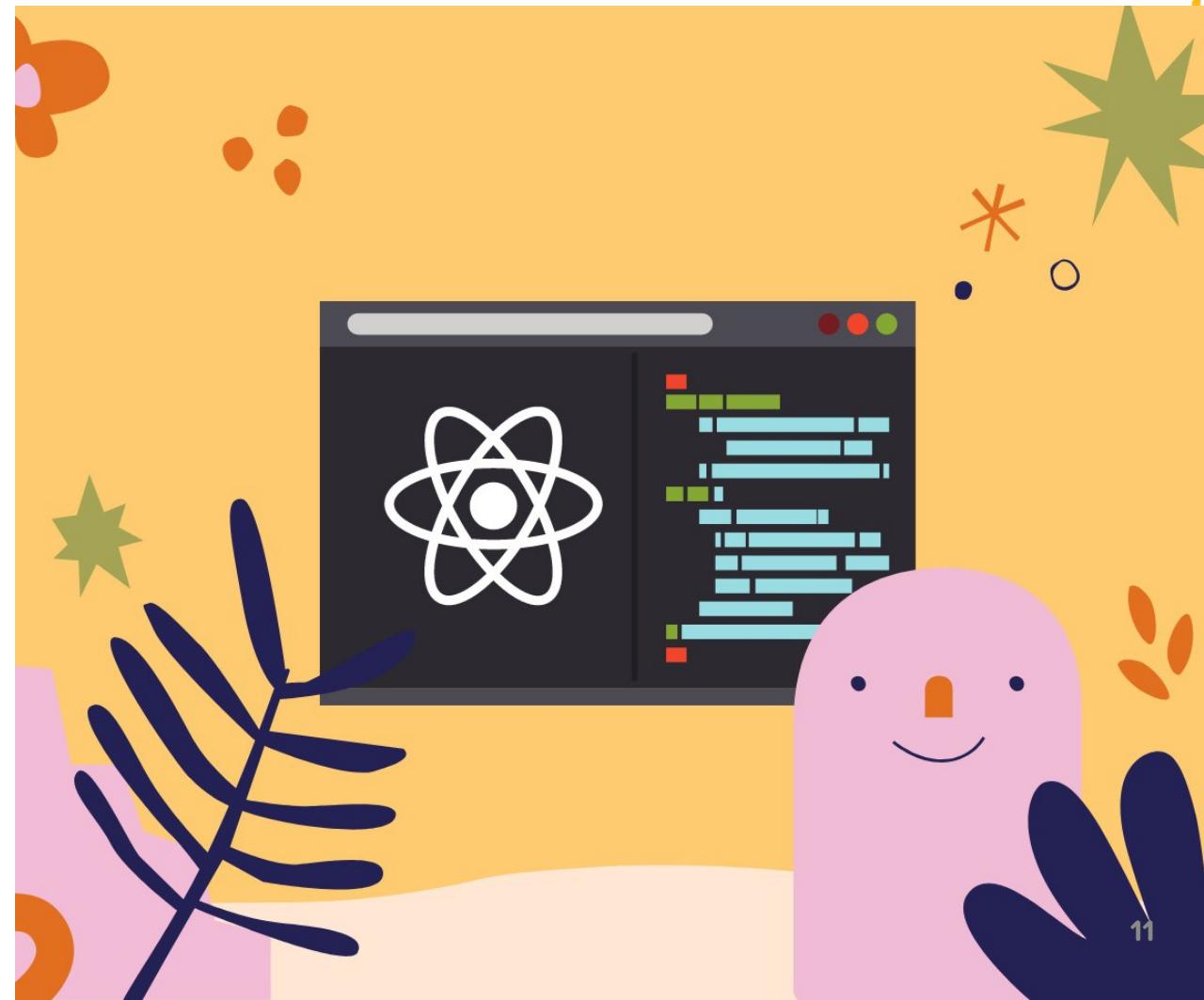
Today's Agenda

- 1 Starting a React Project
- 2 Render an API Response
- 3 Starting an Express Server
- 4 Calling a Web Database

React & REST API Article Series

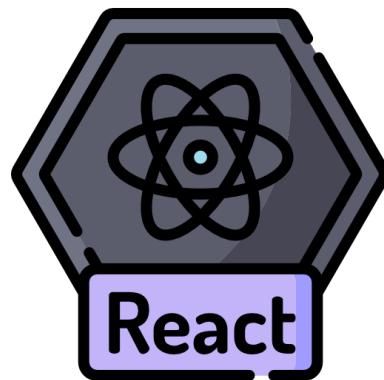
1. How to render responses
2. How to overcome CORS errors
3. How to get data from a Web Database

bit.ly/react-rest-devto

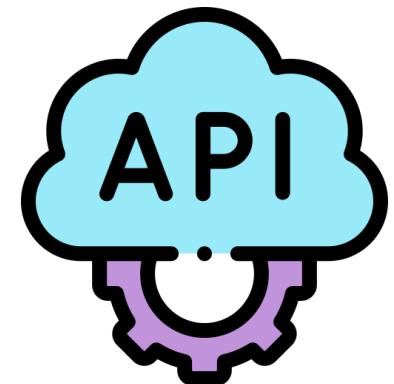


4 Main Concepts

1 React



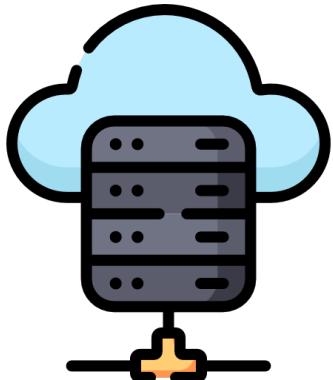
2 REST API

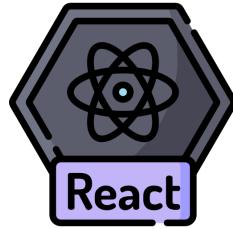


3 CORS Errors



4 Express Server

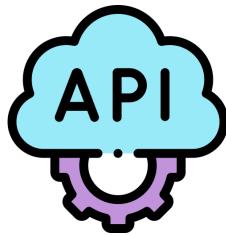




React

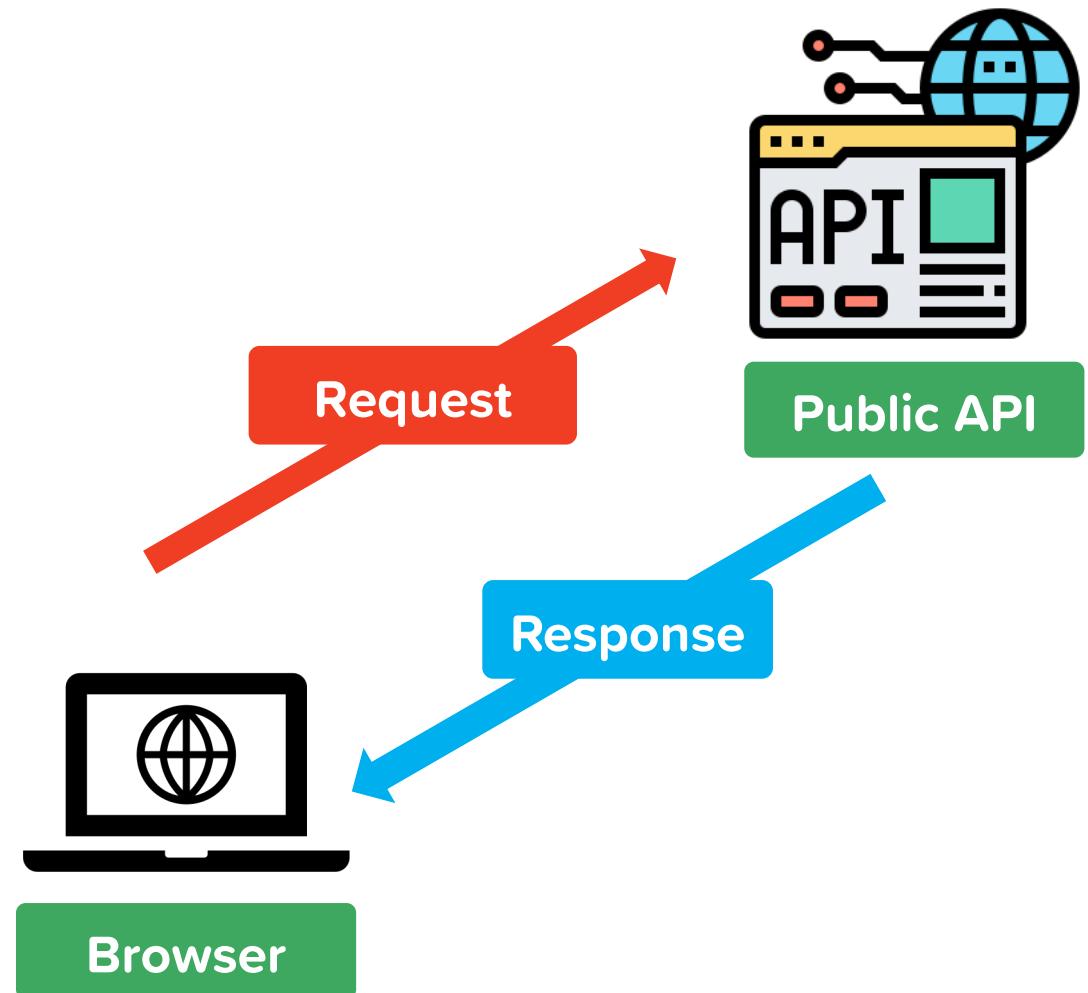
- React is a JavaScript library for building User Interfaces
- JSX, a syntax extension to JavaScript, has HTML-like syntax
- React only updates what is necessary by keeping track of the changes.

```
ReactDOM.render(  
  <h1>Hello, world!</h1>,  
  document.getElementById('root')  
)
```



REST API

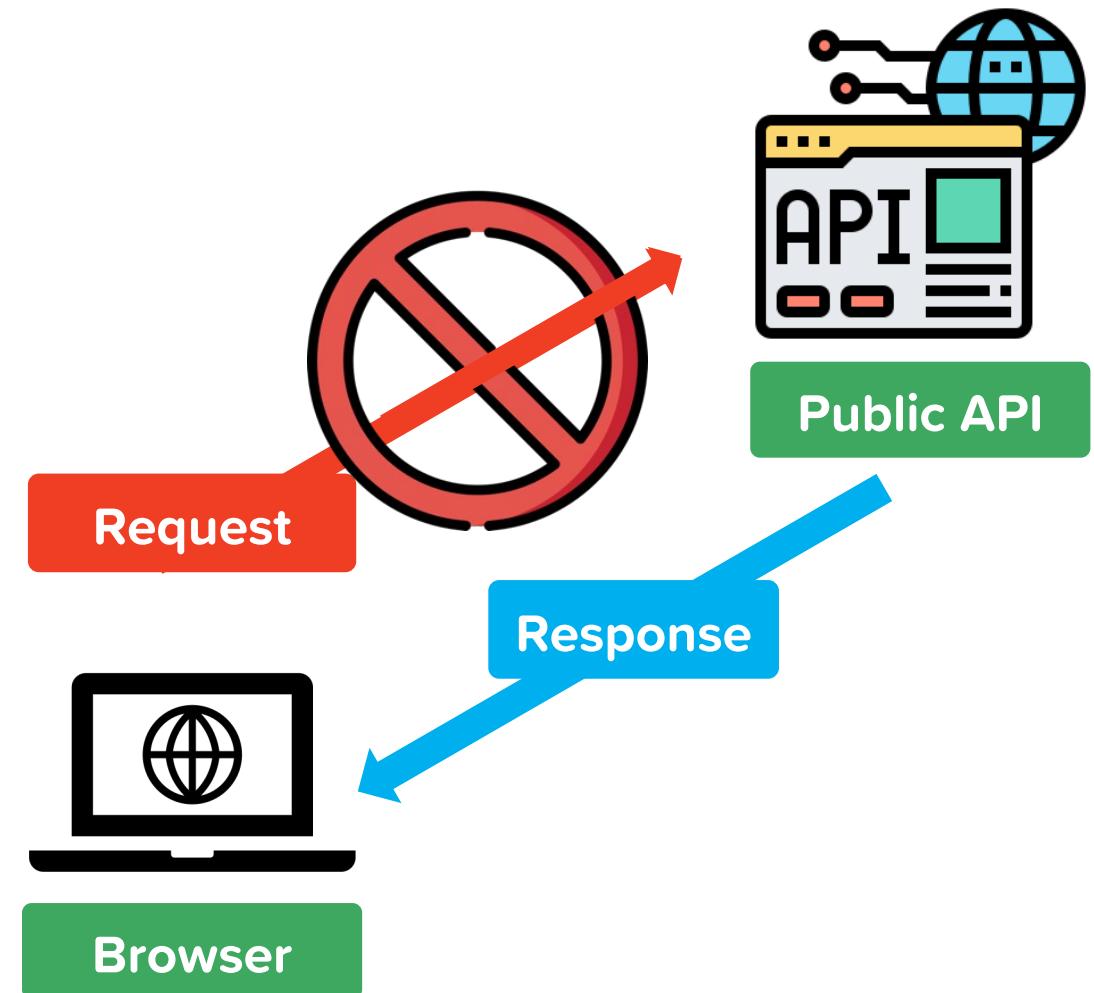
- REpresentational State Transfer Application Programming Interface
- REST API is a method to interact with other systems to retrieve data or perform tasks
- Examples:
 - <https://api.github.com/zen>
 - <https://randomuser.me/api/>





CORS Errors & REST API

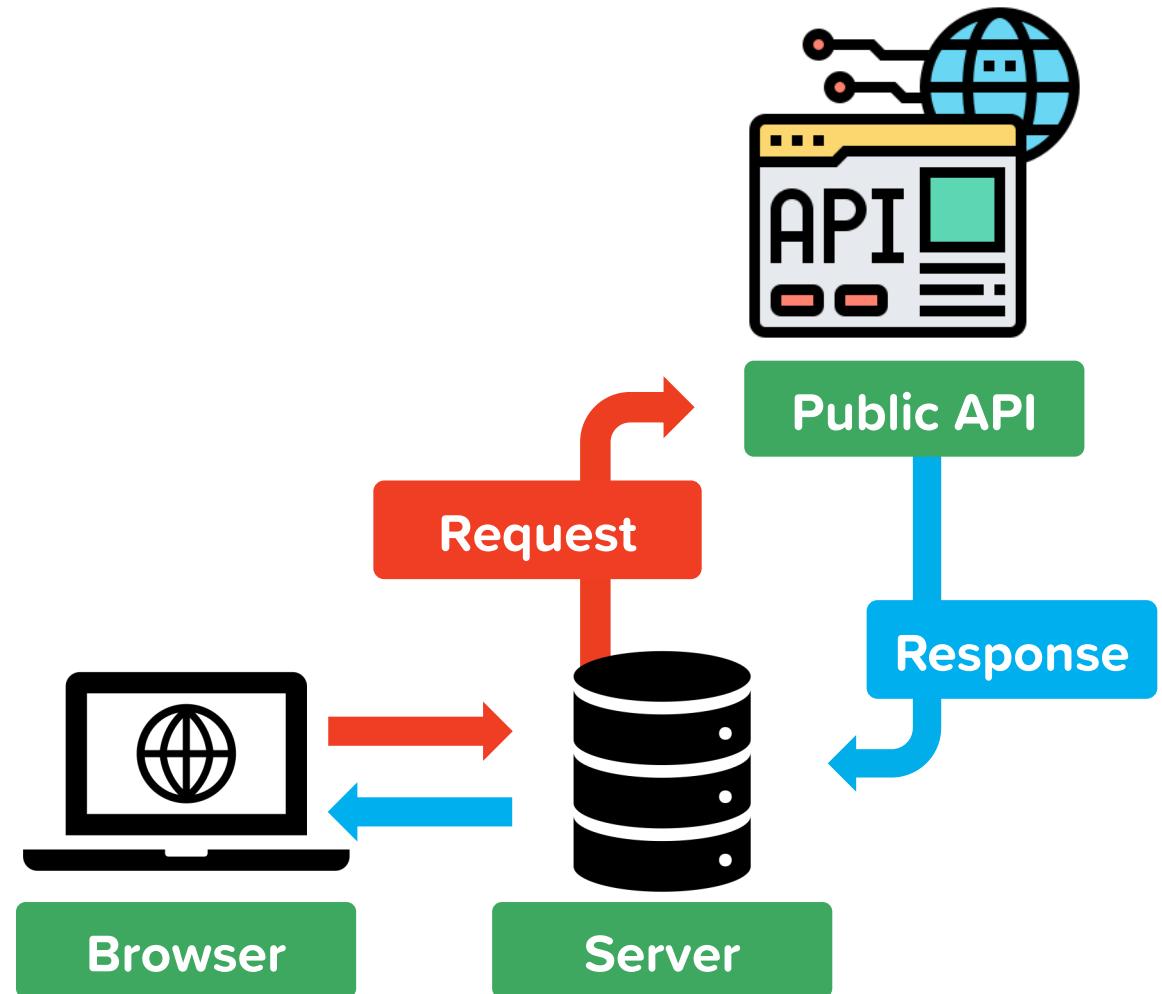
- Calling REST APIs directly from the browser can often result in CORS errors
- A way to overcome a CORS errors is to make the REST API call from our own backend server
- <https://xkcd.com/4/info.0.json>





Express Server

- Express is a back-end web application framework for Node.
- Can be used to make REST API calls to 3rd party services in order to bypass the CORS error





Check Node & npm version

Check the versions

Check the versions in *myproject*

```
$ node -v  
$ npm -v
```

Required for React:

Node ≥ 10.16 & npm ≥ 5.6

If missing, install

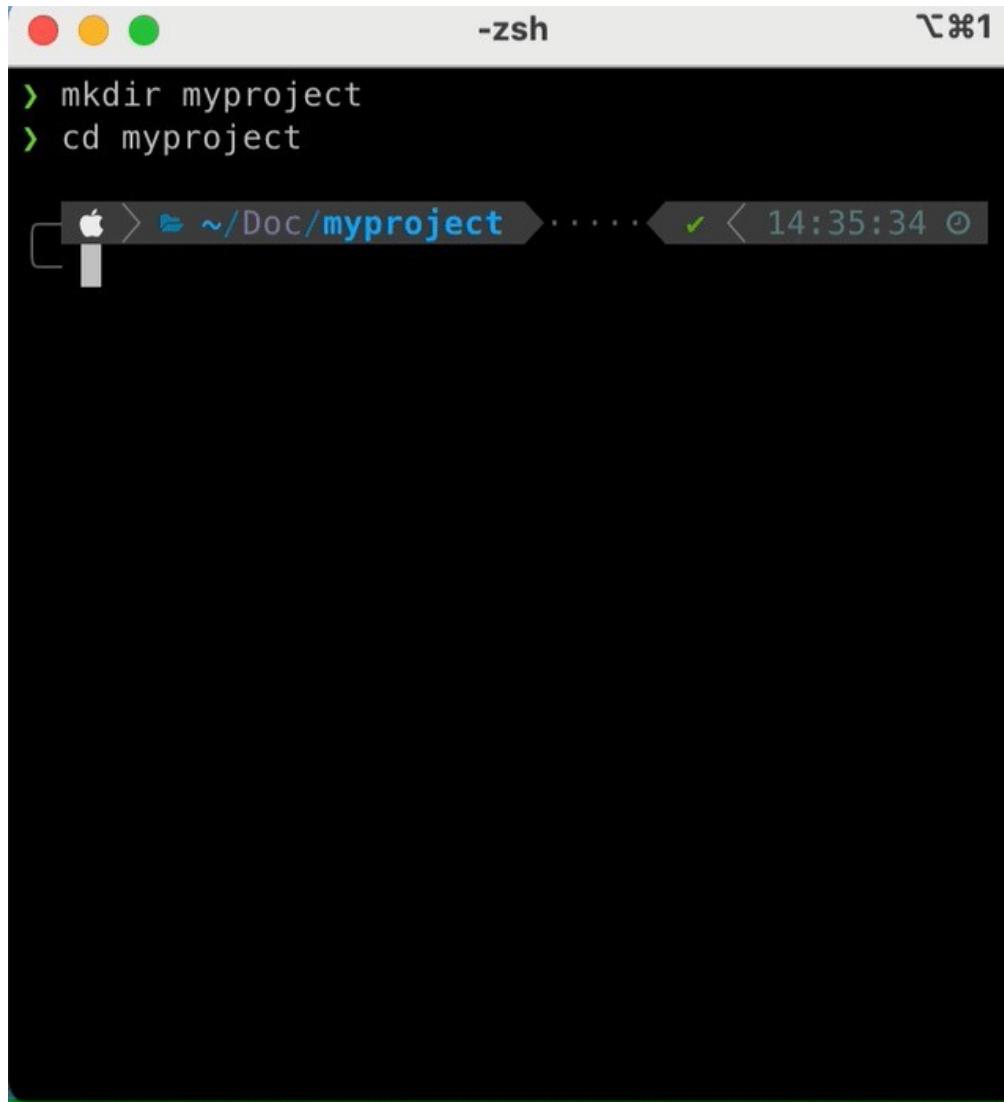
MacOS & Homebrew

```
$ brew install node
```

Windows & Chocolatey

```
$ choco install nodejs
```

Set Up a React App



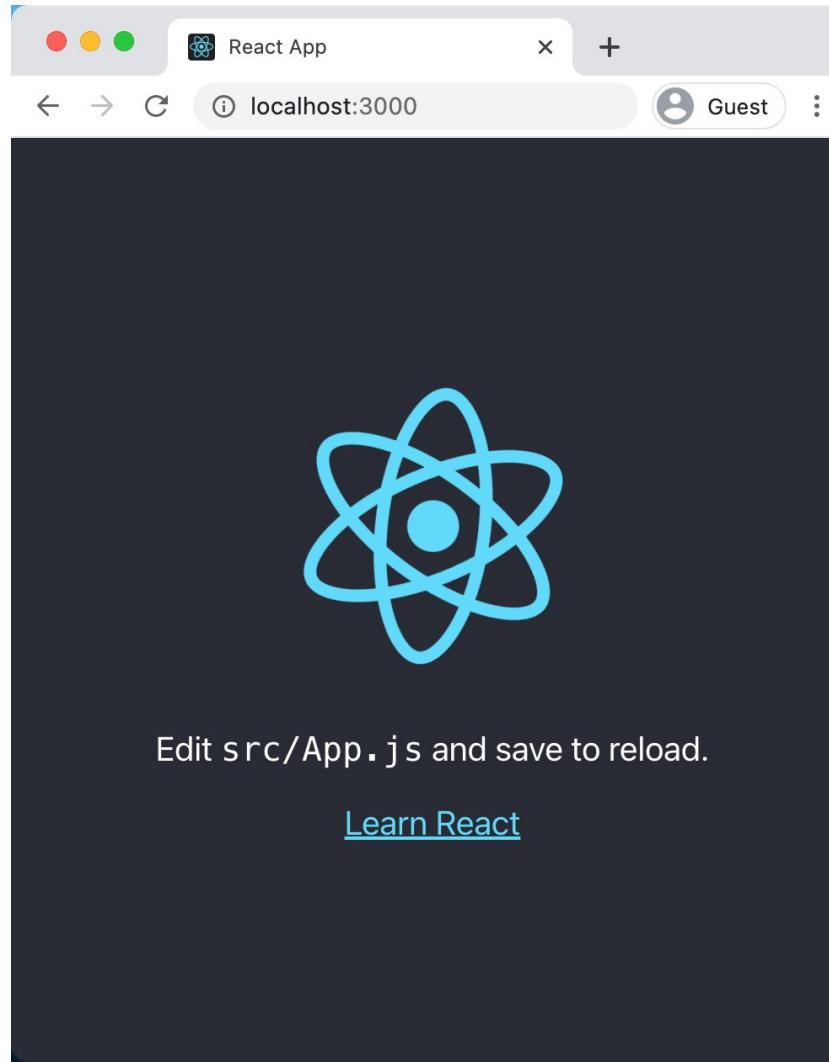
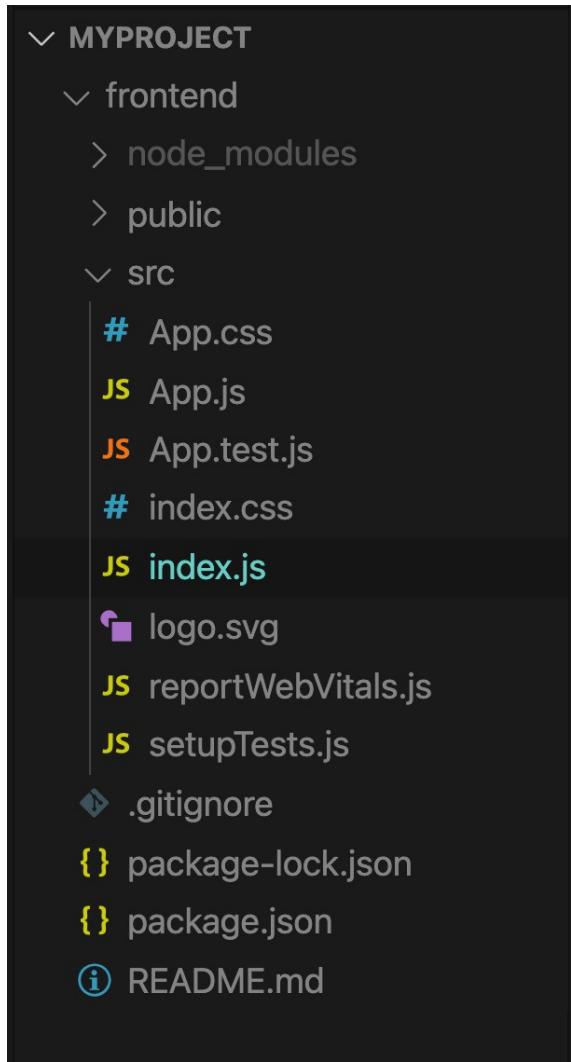
A screenshot of a macOS terminal window titled "-zsh". The window shows the command line interface with the following text:

```
> mkdir myproject  
> cd myproject
```

The terminal window has a dark background with light-colored text. The title bar "-zsh" is at the top right. The status bar at the bottom shows the path `~/Doc/myproject`, the date `14:35:34`, and a battery icon.

```
$ cd .../myproject  
$ npx create-react-app frontend  
...  
$ cd frontend  
$ code .
```

Inside frontend



```
> .../myproject/frontend  
$ npm start
```

Cleaning Up frontend

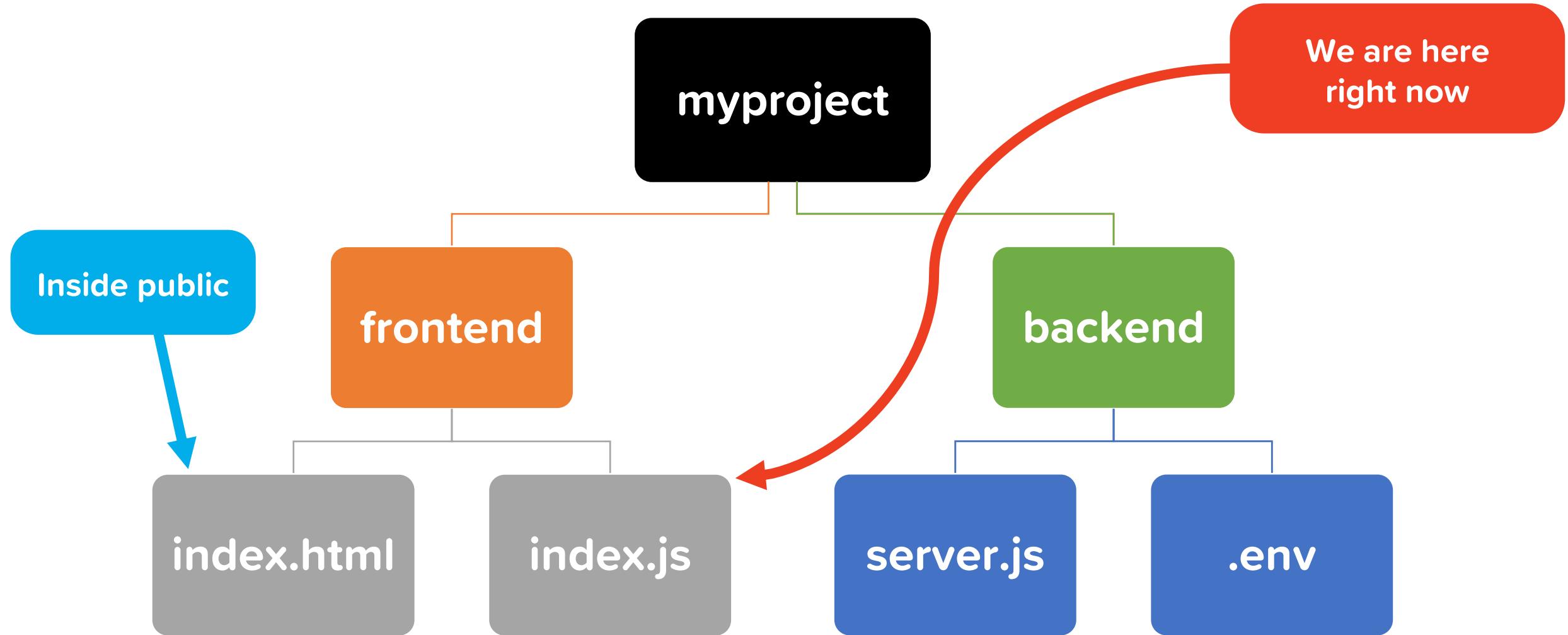
```
└─ frontend
    ├─ node_modules
    ├─ public
    └─ src
        ├─ # App.css
        ├─ JS App.js
        ├─ JS App.test.js
        ├─ # index.css
        ├─ JS index.js
        └─ JS reportWebVitals.js
            └─ JS setupTests.js
        └─ .gitignore
```

Delete these files

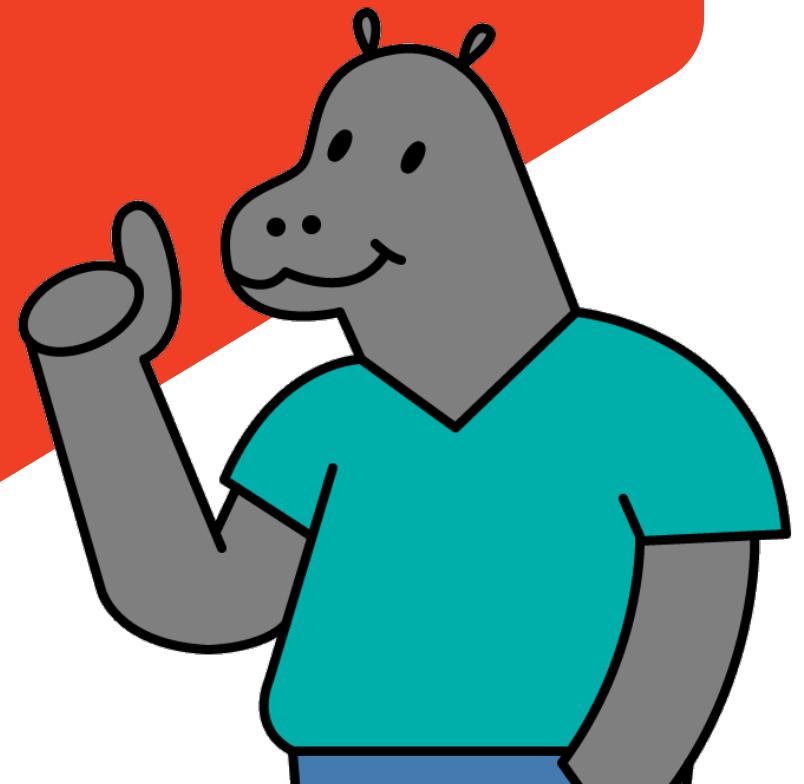
```
└─ frontend
    ├─ node_modules
    ├─ public
    └─ src
        └─ JS index.js
    └─ .gitignore
    └─ package-lock.json
    └─ package.json
    └─ README.md
```

We will edit this file!

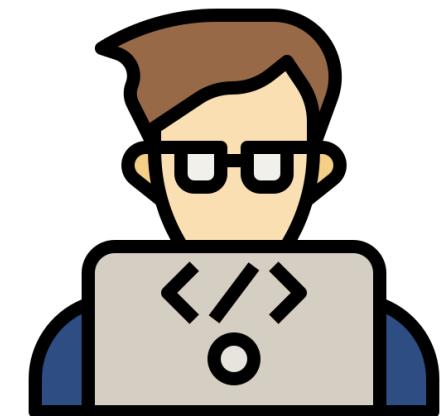
Goal: The Directory Structure



Quick check-in with Zoom polling

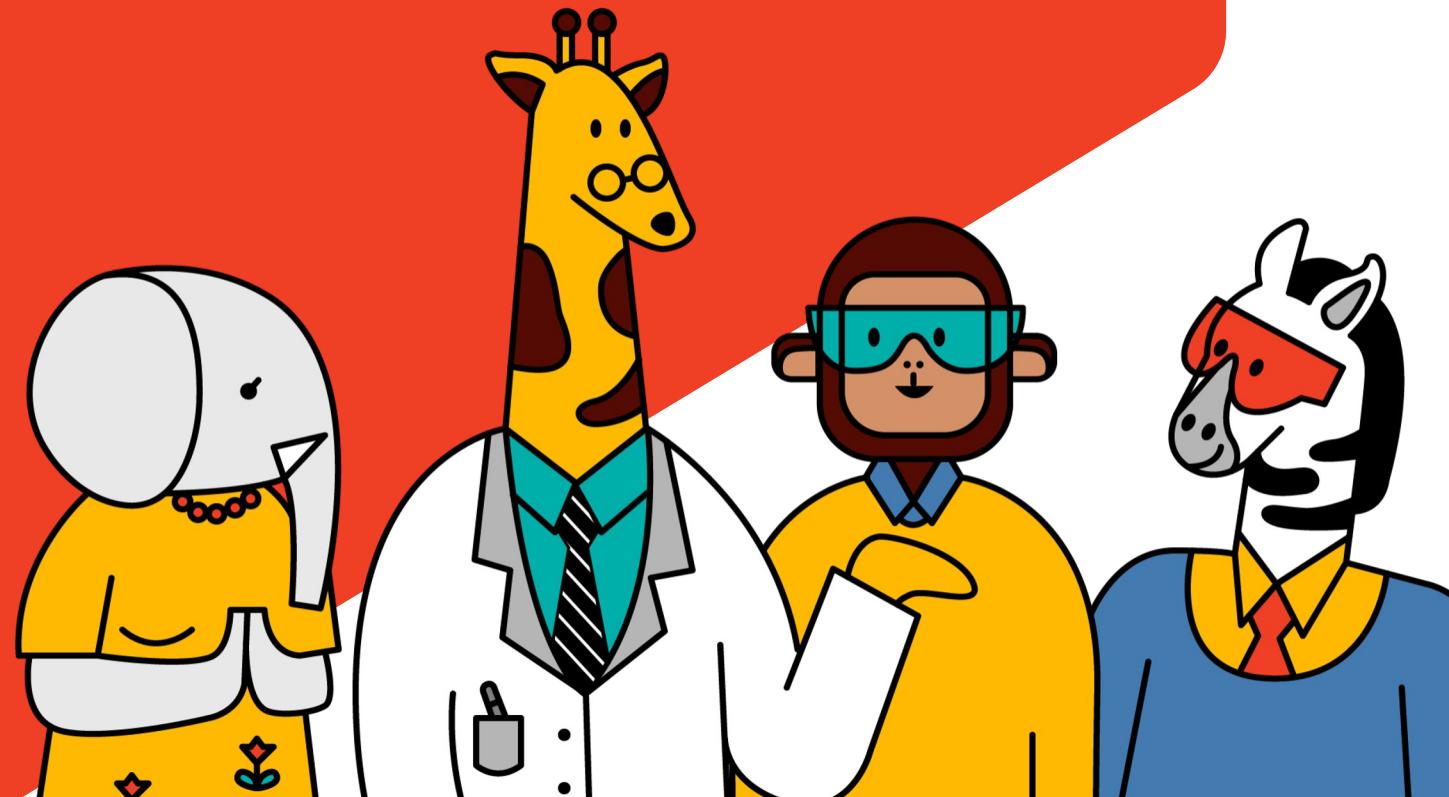


Live Coding Time!



What is Kintone?

Built for teamwork,
designed by you



What is Kintone?

The screenshot displays the Kintone interface with several panels:

- Customer Database:** Shows a grid with three items: Admin:Green, Admin:Green, and Admin:Green.
- Sales Leads:** Shows a grid with three items: Admin:Green, Admin:Green, and Admin:Green.
- Contact Log:** Shows a grid with three items: Admin:Green, Admin:Green, and Admin:Green.
- 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).
- Apps:** A list of applications: 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.
- 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: Form Creator (\$630, 4.5%), Viewer (\$1440, 10.3%), T/C (\$1950, 14.0%), Int Creator (\$4202, 30.1%), and kintone (\$5718, 41.5%).
- People:** A list of members: Hiroko ..., Mary Si..., John S..., Rudy Red, Polly Pink, Bill Blue, Glen Gr..., Paul Gray, Mark Pe..., Dannie ...

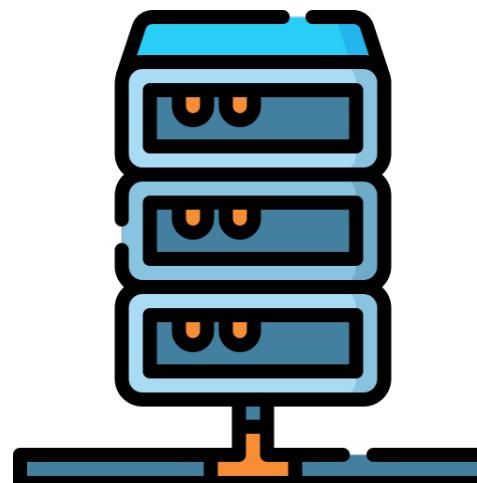
At the bottom left, it says "Apr 1 10:43 PM Mary Simpson".

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



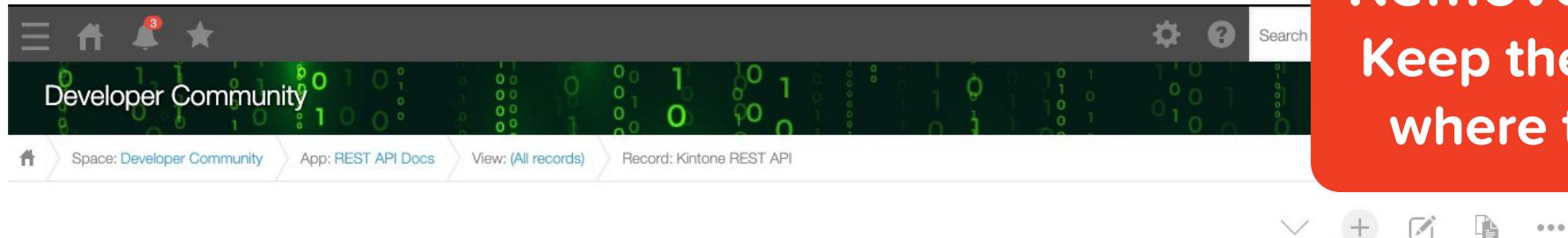
Missing - Unified Communication

Data Silos

Information is not being
shared effectively

Scattered Communication
Unclear where the
conversation is happening

What is Possible?



Where
Data
Lives

A screenshot of the Kintone API documentation page for the "Get API Schema" endpoint. The page shows fields for EN Section (API Info), EN API Group (Kintone REST API), and EN Method (GET). It also includes fields for EN API Name (Get API Schema), EN URL (Endpoint) (/k/v1/apis/*.json), and EN Article Link (<https://developer.kintone.io/hc/en-us/articles/115006107628>). A "Fix History" section contains a table comparing "Before" and "After" states of a screenshot, with details: "Fixed the GET API List API link" and "Added apis.{key}.link".

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

A screenshot of a communication thread in Kintone. The message list starts with a comment from Clare - Support (@Sharon - Developer @Genji) at 1:29 AM on Aug 27, 2020, stating "Done!". Below it, Sharon - Developer (@Genji) replies at 1:28 AM, saying "Oh, shoot, thanks for catching my mistake!". Clare - Support then asks for a fix at 1:27 AM. Genji responds at 1:27 AM, asking to take a look at a document.

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

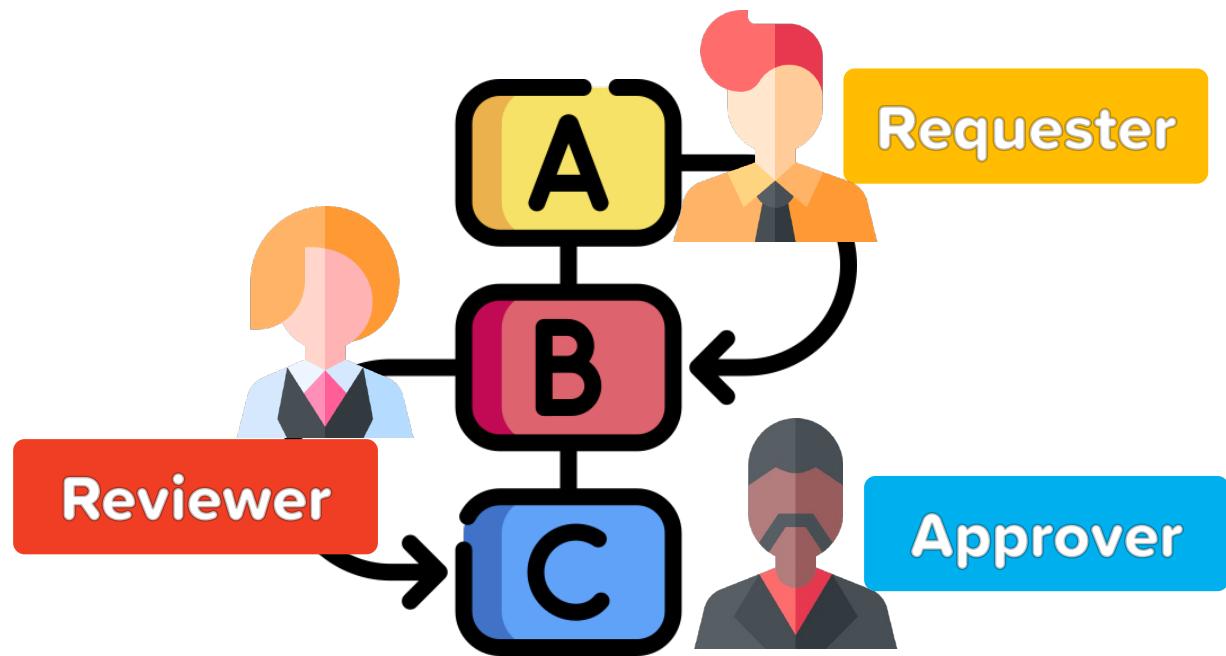
1: Genji Aug 27, 2020 1:27 AM
@Clare - Support Please take a look at this document.

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 (selected)

Cancel Confirm

Write your comment here.

Community

Project

Support

Event Image

No Server Data Visualization JS Build a Word Cloud!

1: Genji @Sharon - Developer They together such a great w

Like Reply

2: John - Manager @Genji Assign this even to @Clare - Support

1 Unlike Reply

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, the title 'Shared To Do' is displayed, followed by a breadcrumb trail 'App: Shared To Do'. A descriptive text block states: '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 features a table with the following data:

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 buttons for 'My To Do', a graph icon, a filter icon, and a list icon.

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

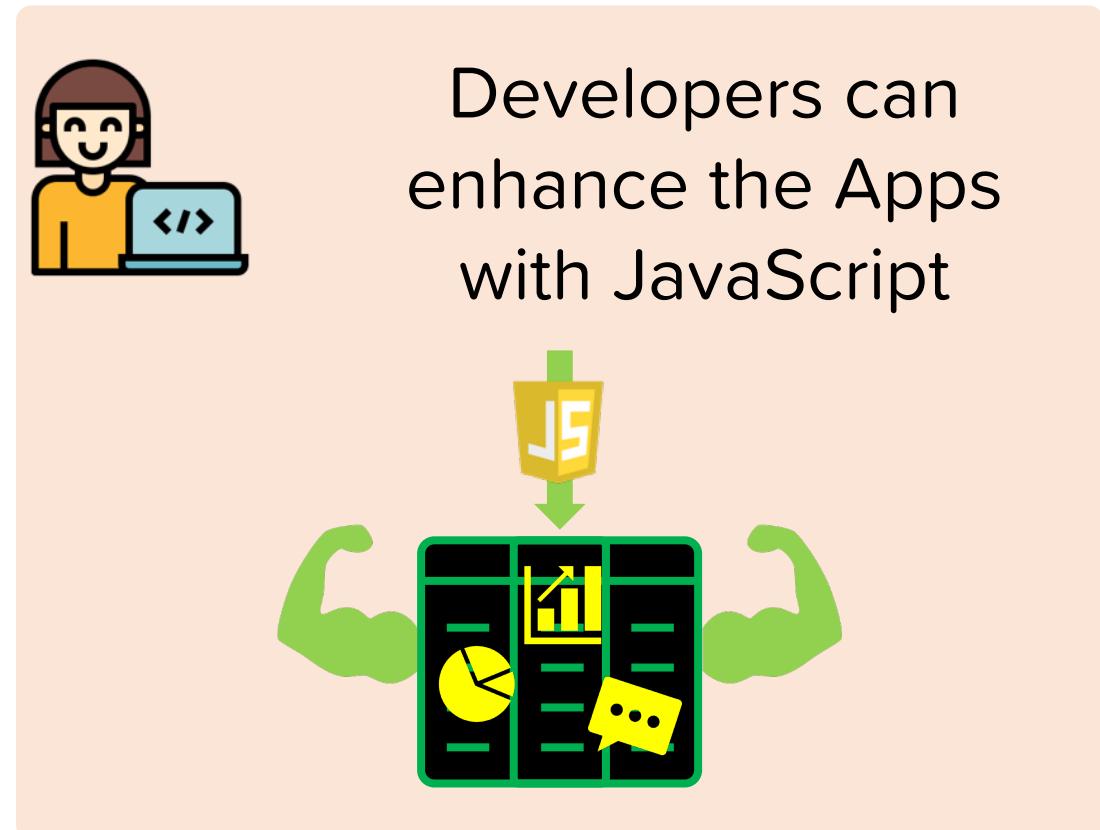
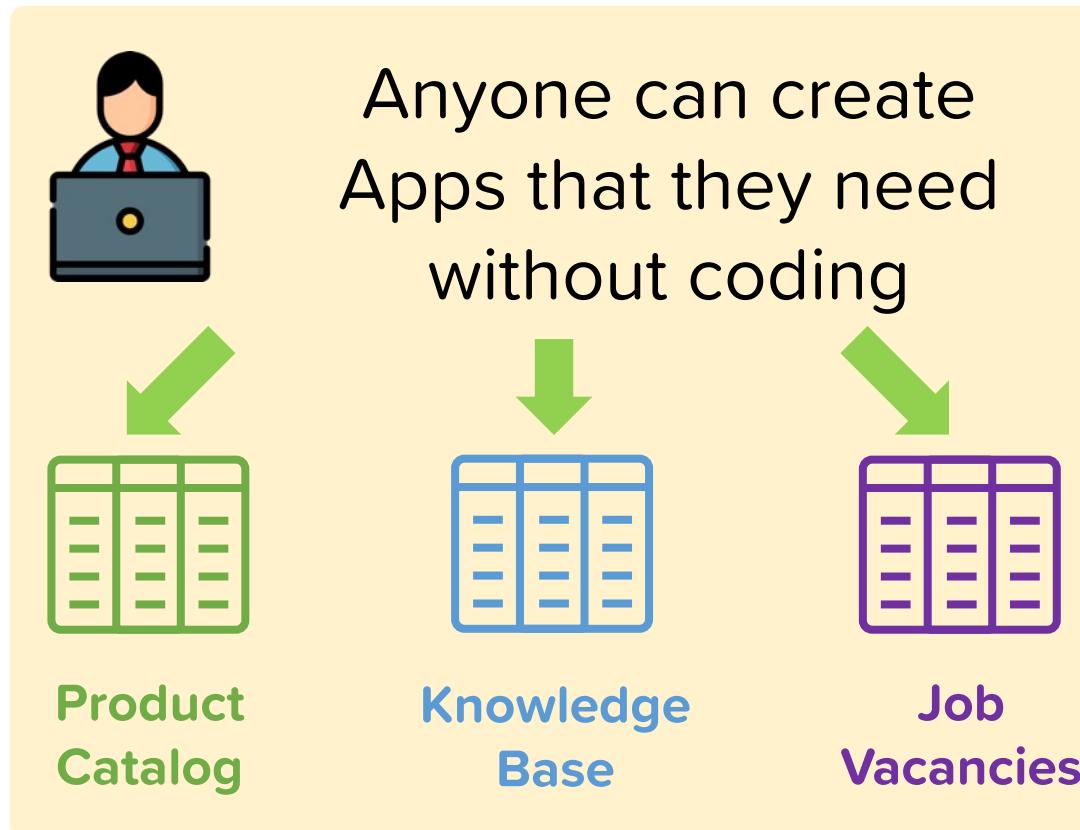
The screenshot shows the Kintone app builder interface for a 'Sales & Leads' application. At the top, there are tabs for 'Form', 'Views', 'Graphs', and 'App Settings'. Below the tabs, a green button says 'Save Form'. The main area is titled 'Leads & Sales' and contains fields for 'Lead Title' and 'Sales Representative'. Under 'Contact Info', there are fields for 'Company Name' and 'Website', with a 'Lookup' and 'Clear' button between them. Below that, there are fields for 'Contact Name' and 'Job Title'. At the bottom, there are fields for 'Email' and 'Telephone Number'. A table at the very bottom lists 'Product Name', 'Product ID', 'Unit Price', and 'Quantity'. On the left side, there is a sidebar with a grid of icons representing different field types: Label, Rich text, Number, Radio button, Multi-choice, Date, Date and time, Link, Department selection, Related records, Blank space, Field group, Record number, Created datetime, and Updated datetime.

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!

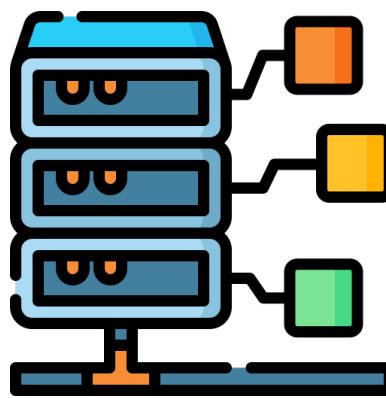
As a **no-code & low-code platform**, Kintone supports non-coders with visual programming UI while enabling sophisticated customization



Fulfill the Promise of *Groupware*

Share meaningful insights about the data that become operationalized quickly.

Data + Communication



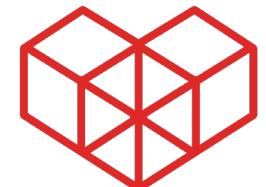
Insight



Action



How Developers Contribute

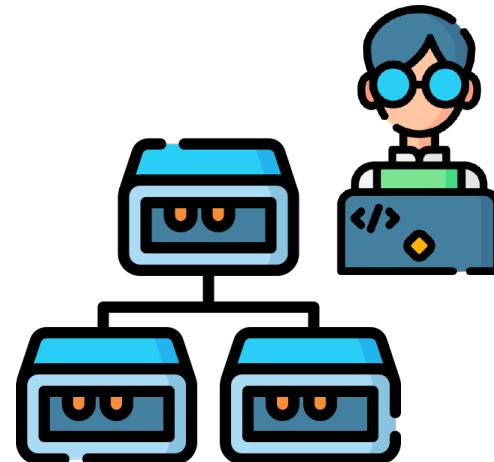


kintone
developer program

How Developers Contribute

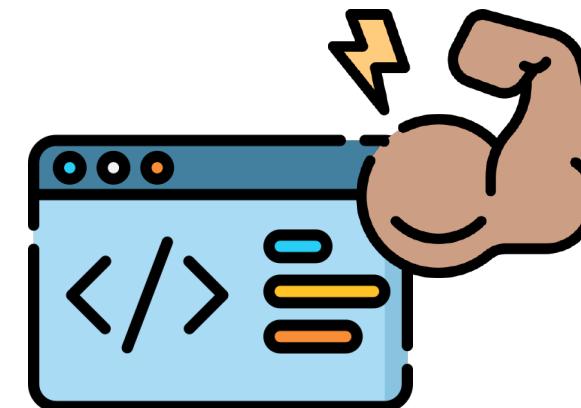
Command Center

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



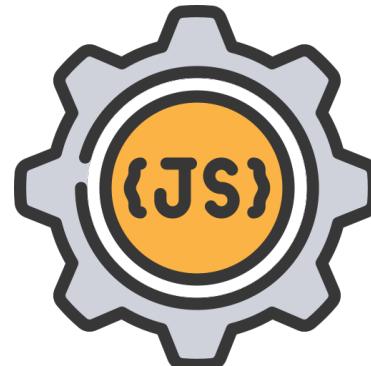
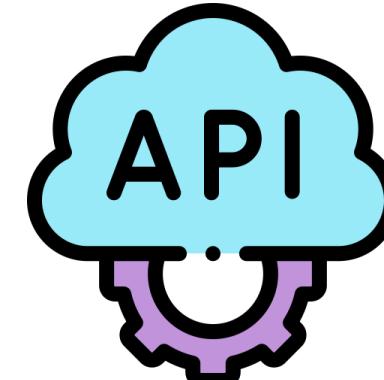
Enhancements

- Develop JavaScript customizations
- Build & share extensions



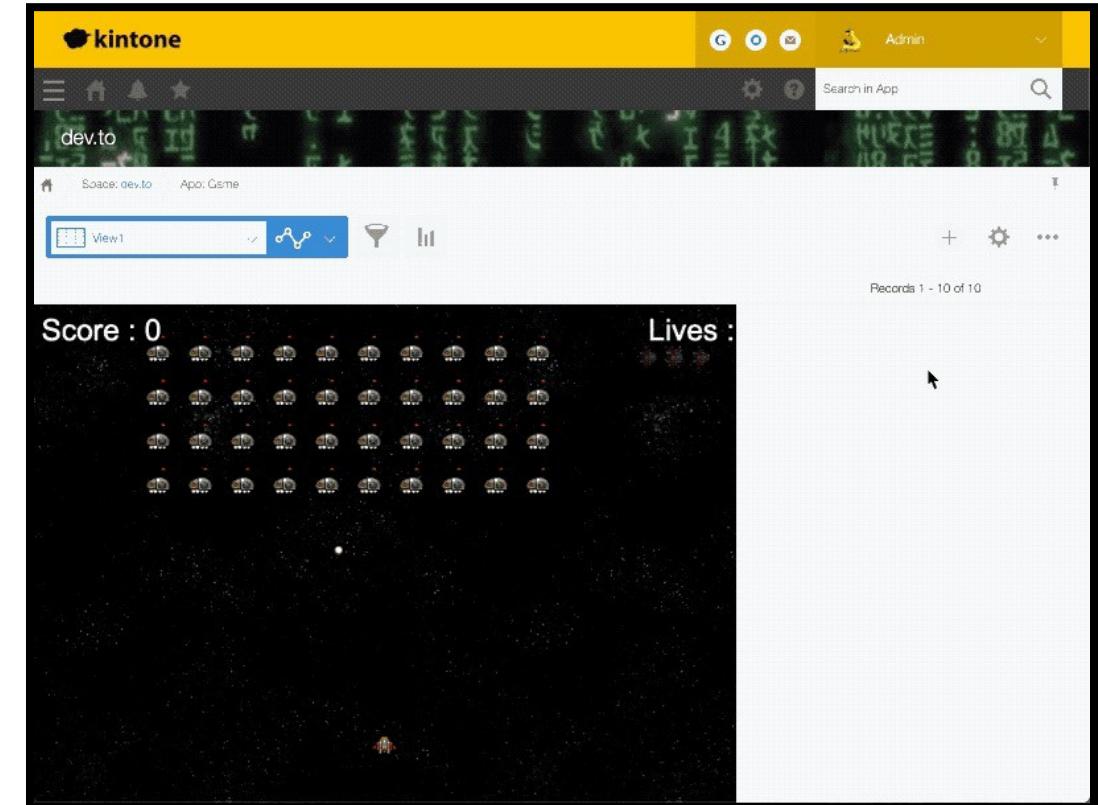
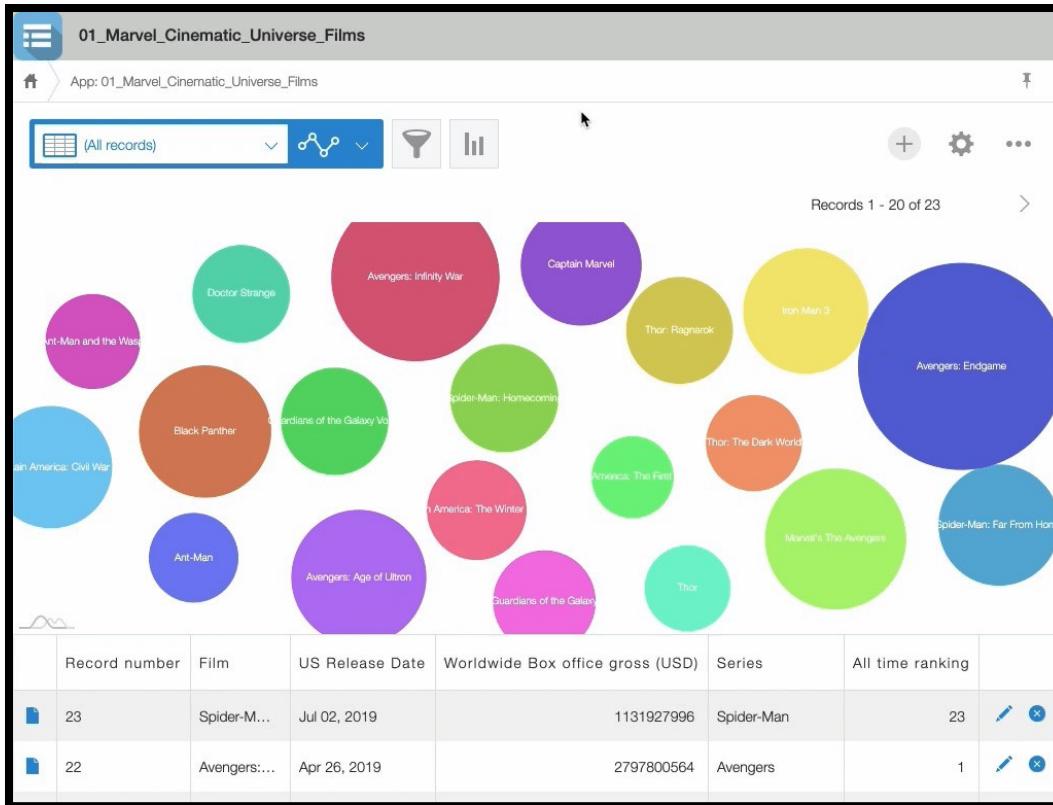
Tools Inside Kintone

- 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!

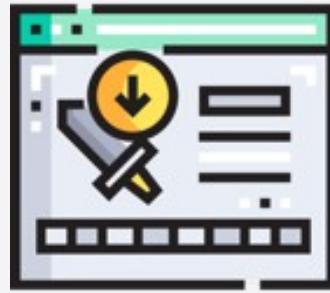


Contribute your
learnings to tech
blogs



Share your
projects with your
community!

Kintone For Creating Revenue



Create & sell
Kintone
extensions

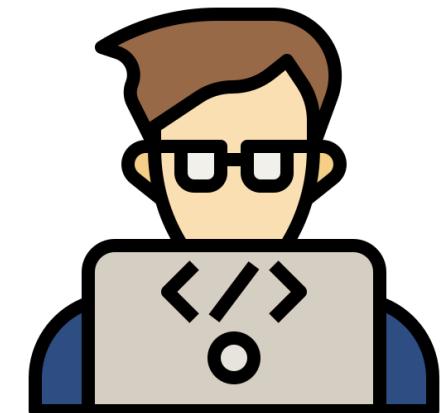


Consult with firms
on achieving
business goals



Develop Kintone
customizations for
customers

Back to the Live Coding!



Wrap Up

1 Starting a React Project

- Created a React project for the **frontend**
- Called Random User Generator API and outputted in React

2 Render an API Response

- Addressed the issue with **async rendering** in React
- Used **useState** and **useEffect** Hooks to have async code in React

3 Starting an Express Server

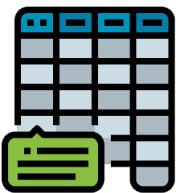
- Created a Express server project fo the **backend**
- Avodided **CORS errors** by making REST API calls from the server

4 Calling a Web Database

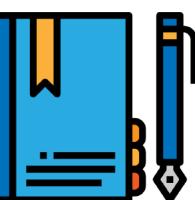
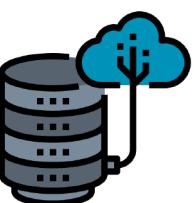
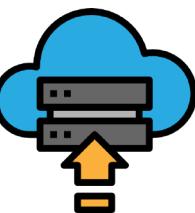
- Kintone is a no-code / low-code **web database**
- REST API calls to Kintone get the data & display in React

Next Steps

What are some next steps you can take?

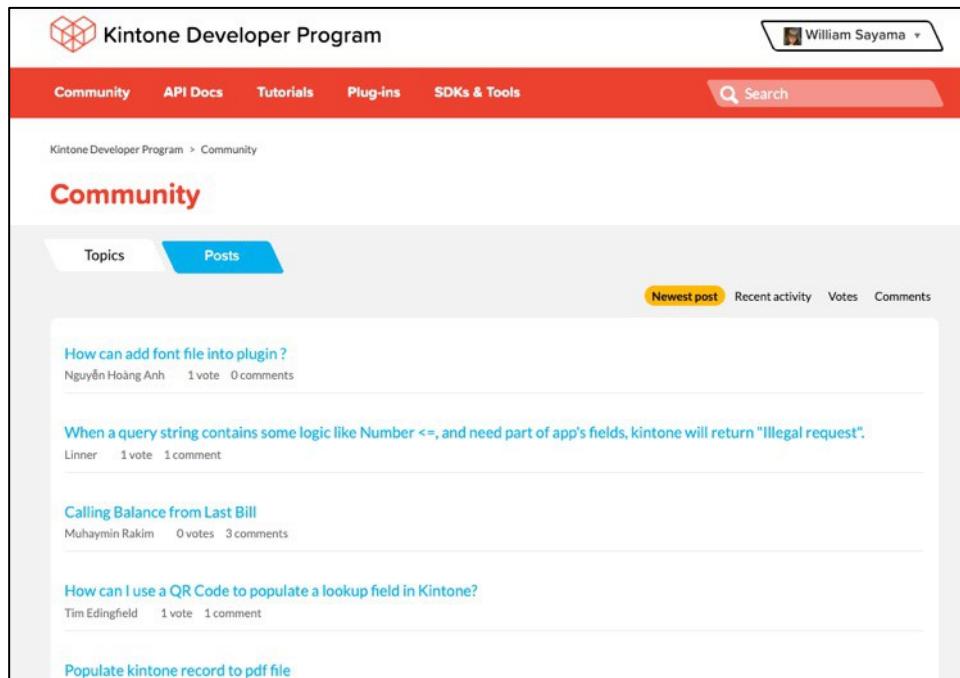


- Handle the response so it renders as tables
- Challenge making POST requests to add data into Kintone
- Try calling a public API from this [great list](#)
- Deploy your App somewhere like [Heroku](#) so others can see it
- Share your experience on dev.to!



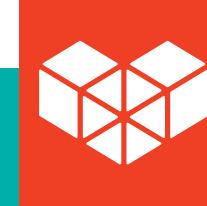
Where Can I Get Help?

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



The screenshot shows the Kintone Developer Program Community forum. The top navigation bar includes links for Community, API Docs, Tutorials, Plug-ins, and SDKs & Tools, along with a search bar and a user profile for William Sayama. The main content area is titled "Community" and shows a list of posts. The first post is titled "How can add font file into plugin?", made by Nguyễn Hoàng Anh, with 1 vote and 0 comments. The second post is titled "When a query string contains some logic like Number <=, and need part of app's fields, kintone will return "Illegal request".", made by Liner, with 1 vote and 1 comment. The third post is titled "Calling Balance from Last Bill", made by Muhammin Rakim, with 0 votes and 3 comments. The fourth post is titled "How can I use a QR Code to populate a lookup field in Kintone?", made by Tim Edingfield, with 1 vote and 1 comment. The fifth post is titled "Populate kintone record to pdf file", which is currently visible at the bottom of the list.





Any
Questions?

developer.kintone.io

Thank You!

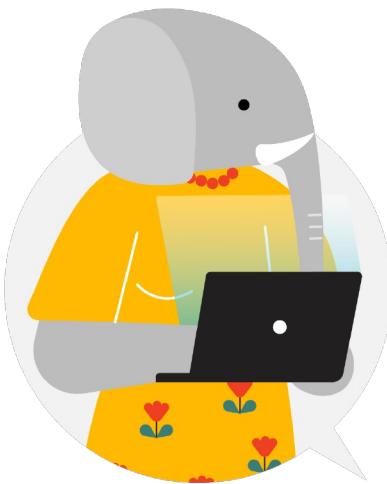


Thank You to Our Community Partner!



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



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



bit.ly/KDP_Video

Thank You for Your Participation!

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



bit.ly/KDP_Q

