



Feature Flag Implementation Workshop

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presented by  split

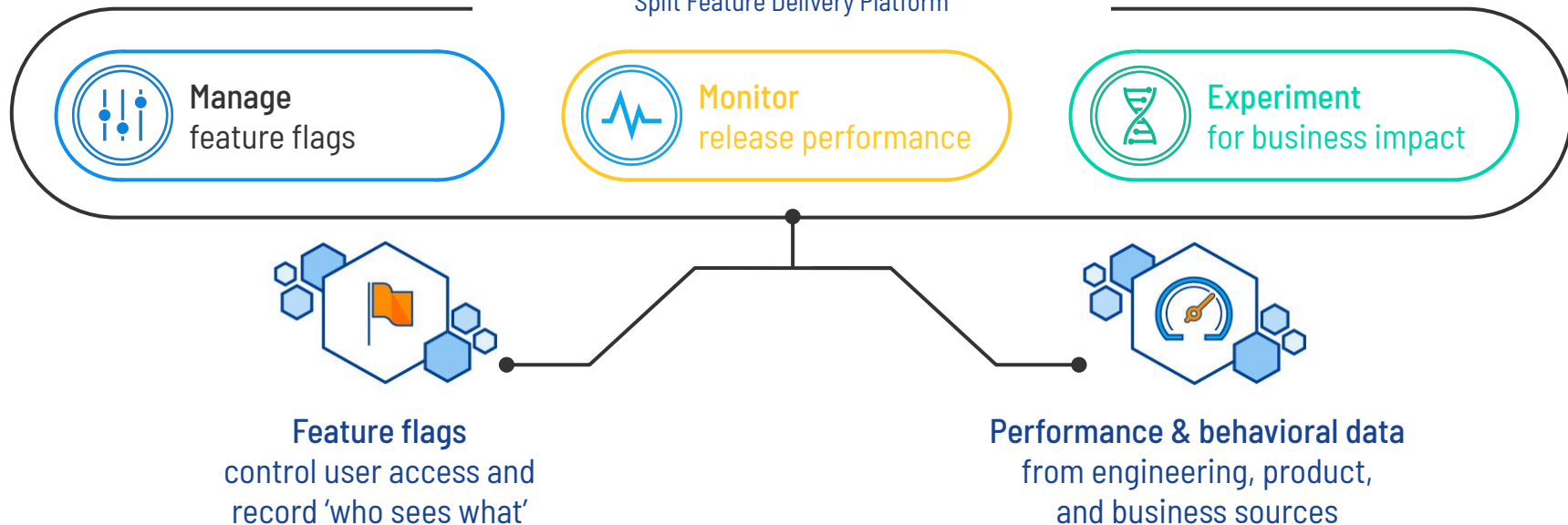
Zoom Etiquette

- Mute your microphone when not speaking
- Make sure your name is displayed as your Zoom username
- Questions and comments are encouraged, we'll stop often, but feel free to raise a hand in Zoom, DM an instructor or assistant, or simply speak up!



What is Split?

Split Feature Delivery Platform





What is a Feature Flag?



Code Deployment

Engineers

Feature Release

Product/Business

Canary Releases

- ▶ Incrementally roll out changes
- ▶ Minimizes risk if something goes wrong

Kill Switch

- ▶ Immediately turn off a feature that is broken in production



Testing in Production

- ▶ Target user groups that should have access to the feature, test with them while the flag is off, turn the flag on when you already know the feature is working

A/B Testing

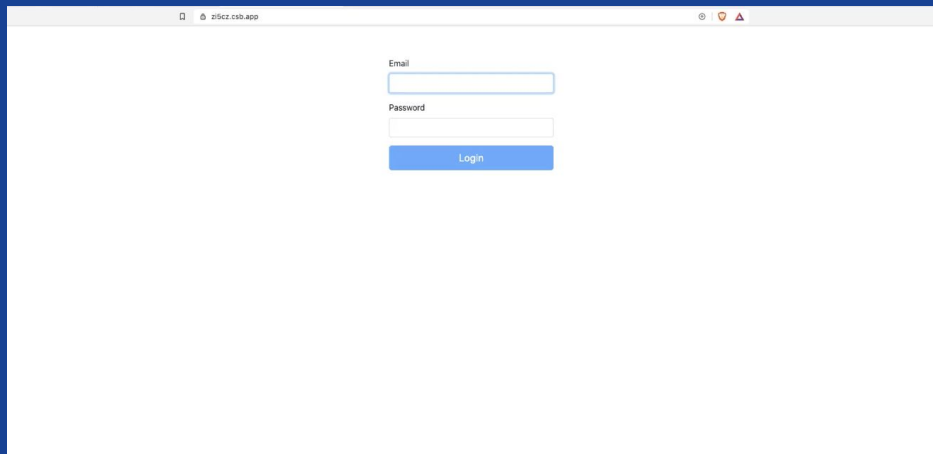
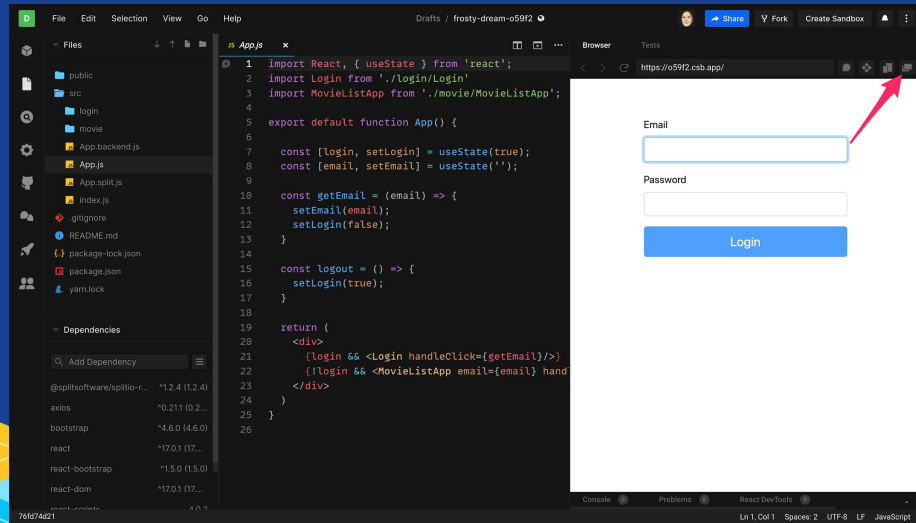
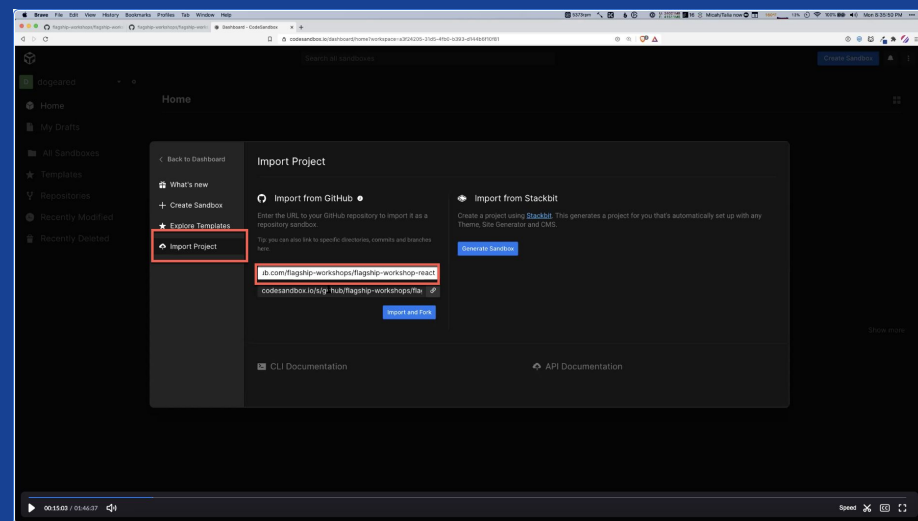
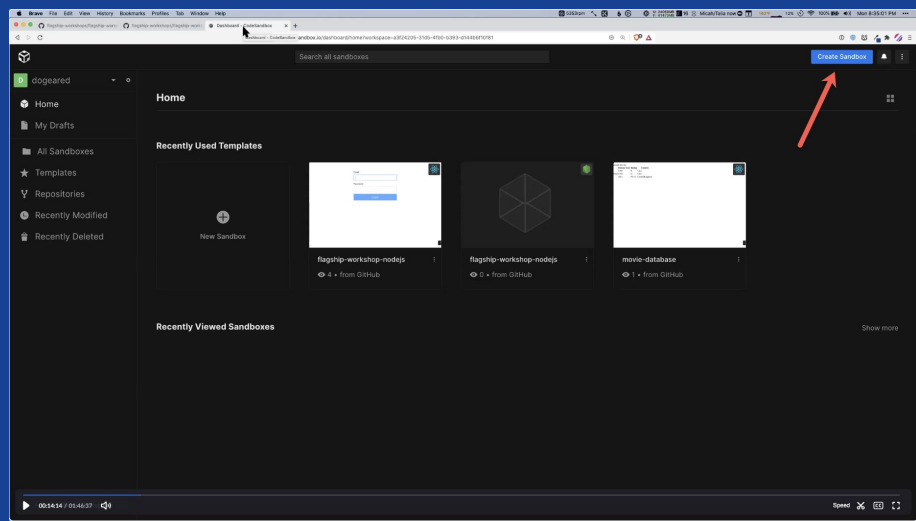
- ▶ Give different user groups different experiences and measure the impact of each change



Into Action!

- ▶ Movie Database app
- ▶ React frontend
- ▶ Node.js backend
- ▶ Iterative approach
- ▶ <https://codesandbox.io>
- ▶ Repos: <https://github.com/flagship-workshops>
 - ▶ /flagship-workshop-react
 - ▶ /flagship-workshop-nodejs





▼ Define treatments

What are the different variations of this feature? Define the treatments and add a description for each to quickly ex

[Learn about multivariate treatments](#)

Treatment

Description



INTERNATIONAL

Enter description



USA

Enter description

Add treatment

▼ Set the default rule

For any of your customers that weren't assigned a treatment in the sections above, use this section

serve



USA



My work

Default
current workspace

Switch workspace

talía
talía@featureflagdemo.com

My settings
Sign out

5 of 6

My segments

Admin settings

Invite

Segments

MEASURE
Metrics

REVIEW
Data hub

Admin settings

Workspace settings

API keys

All environments

All traffic types

Event types

Organizational settings

Users

Groups

Security

Usage

Billing and limits

General settings

Monitor and experiment settings

Monitor window and statistics

Integrations settings

Integrations

API keys

Your API keys are unique to your organization, and an API key is required to guarantee that requests are coming from a trusted source.

Key	Workspace	Name	Type	Environments	Created by
63ep***** Copy	All workspaces	Admin API Key	Admin	All environments	talía
c82m***** Copy	Default	Javascript SDK	Client-side	Staging-Default	talía
ra67***** Copy	Default	SDK	Server-side	Staging-Default	talía
gdle***** Copy	Default	Javascript SDK	Client-side	Prod-Default	talía
1sq***** Copy	Default	SDK	Server-side	Prod-Default	talía


```
JS app.config.js x JS movies.js JS index.js



1 export const appConfig = {
2   split: {
3     authorizationKey: "Sou95jsf398vvgmq347knsqh4ib5kd47bfom" // update to real au
4     treatmentName: "movie_filter",
5     intlTreatment: "INTERNATIONAL",
6     usaTreatment: "USA"
7   },
8   backend: {
9     baseUrl: "https://<your unique url>.codesandbox.io",
10    moviesUri: "/api/v1/movies/"
11  }
12 };
13
```

▼ Set the default rule

For any of your customers that weren't assigned a treatment in the sections above, use this section to place them into a treatment or randomly distribute these customers between your treatments.

serve ▼



 INTERNATIONAL	<input type="text" value="10"/>
 USA	<input type="text" value="90"/>

Environment Prod-Default

Targeting rules

Metrics impact

Live tail

Audit logs

Cancel

Save changes

Kill

More people in Split? Limit who can do what
Your plan does not include permissions. [Contact us](#) to upgrade your plan to limit who can edit what across your organization.

Define treatments

What are the different variations of this feature? Define the treatments and add a description for each to quickly explain the difference between each treatment.

[Learn about multivariate treatments](#)

Treatment

Description

INTERNATIONAL

Enter description

USA

Enter description

Add treatment

Attach configuration to your treatments

Dynamically configure components of your feature (e.g. A button's color or backend API pagination) by defining custom JSON or Key-Value pairs.

Create whitelists

Create a whitelist or select a segment to place specific customers (e.g. your QA team, internal team, or a limited beta) into a given treatment.

Add whitelist

Allocate traffic

Advanced: If you're running an experiment and want to limit the number of customers that are exposed to it, you can select a specific percentage to include in the experiment.

▼ Set targeting rules

Target specific subsets of your customers based off of any attribute you want. (e.g. location or last-login date) These subsets w

IF


user

Add attribute (optional)

is in list ▼

talianassi@gmail.com × Enter something

serve



INTERNATIONAL ▼

Add rule

▼ Set the default rule

For any of your customers that weren't assigned a treatment in the sections above, use this section to place them into a treatr

serve



USA ▼



Thank you!