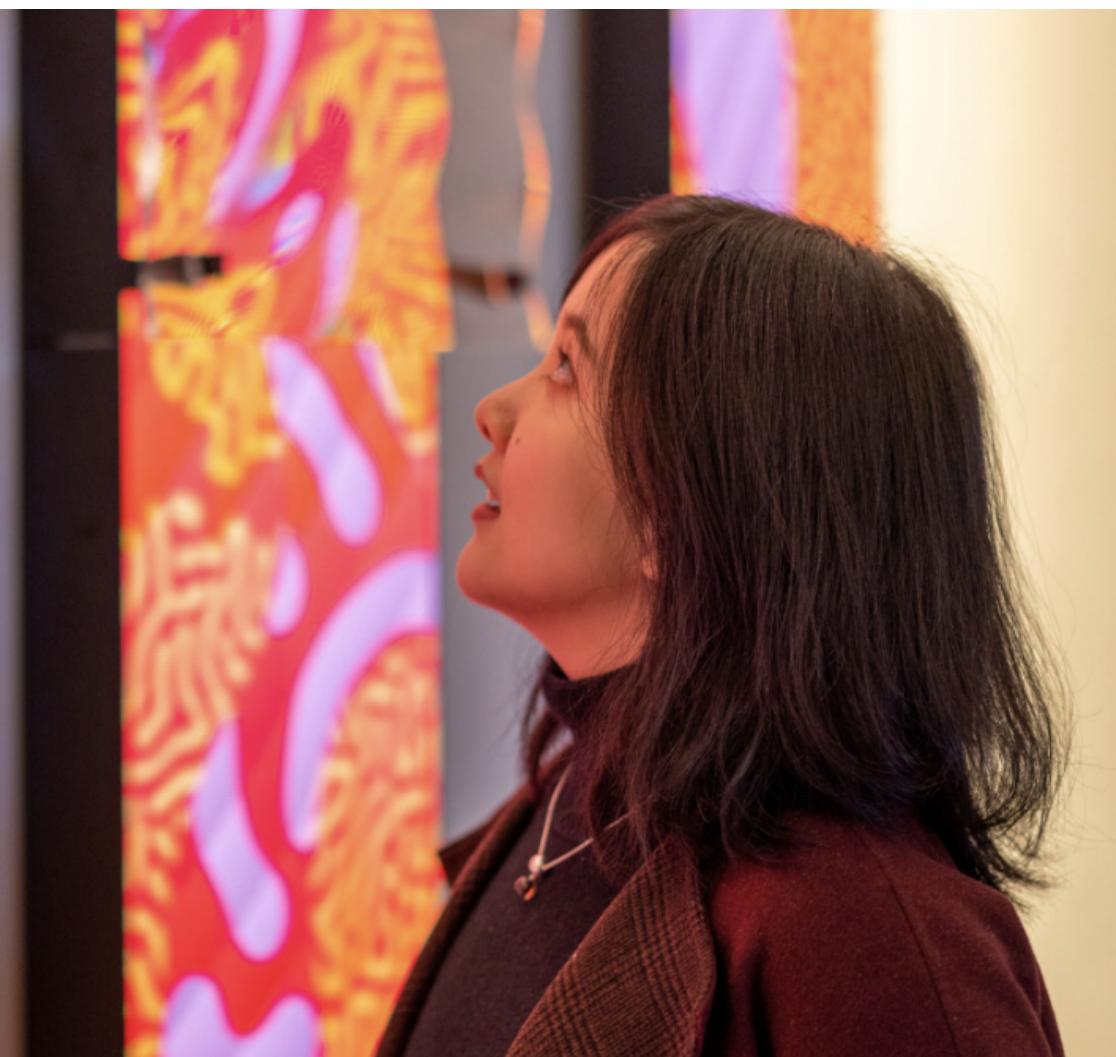
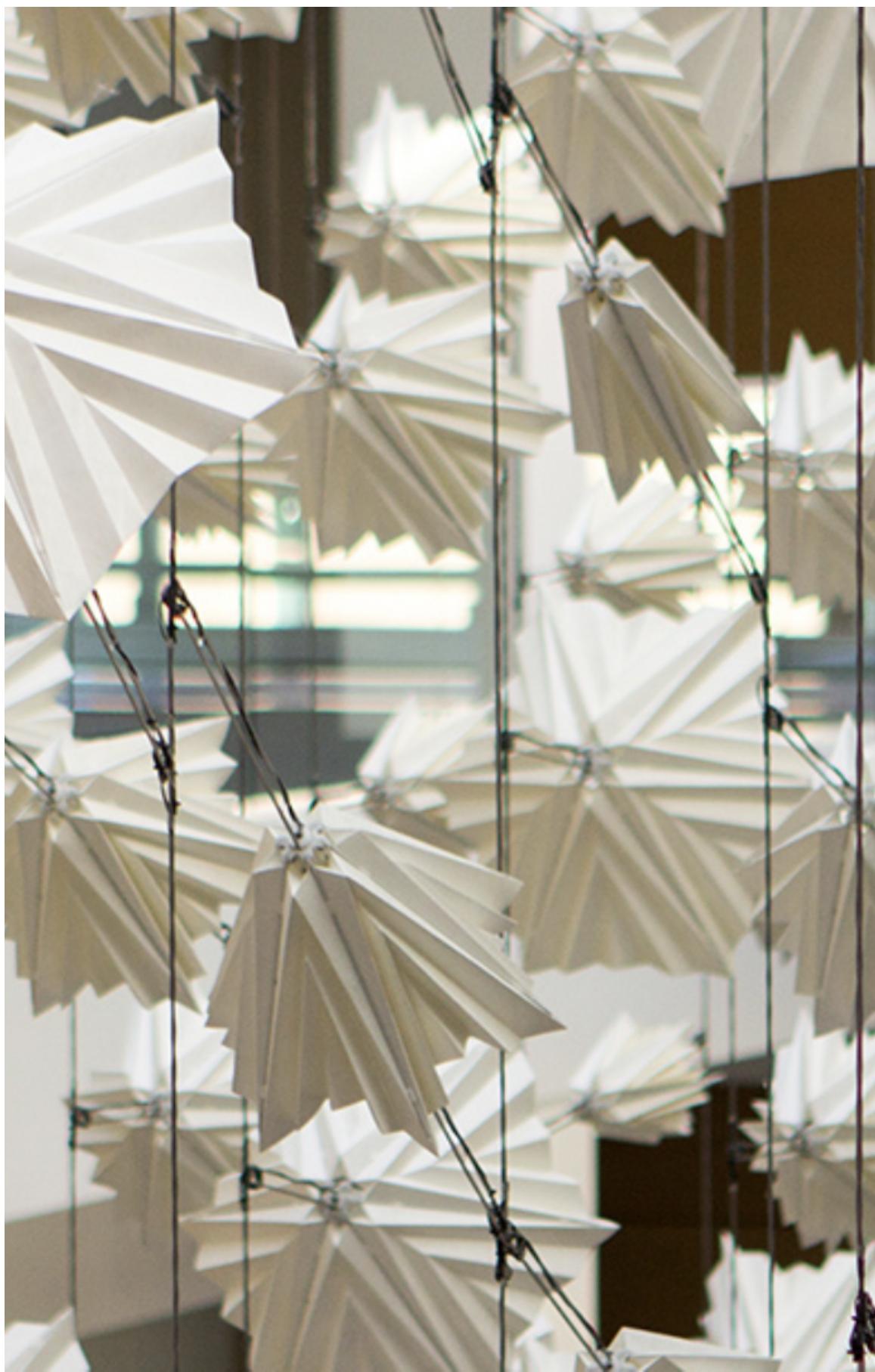


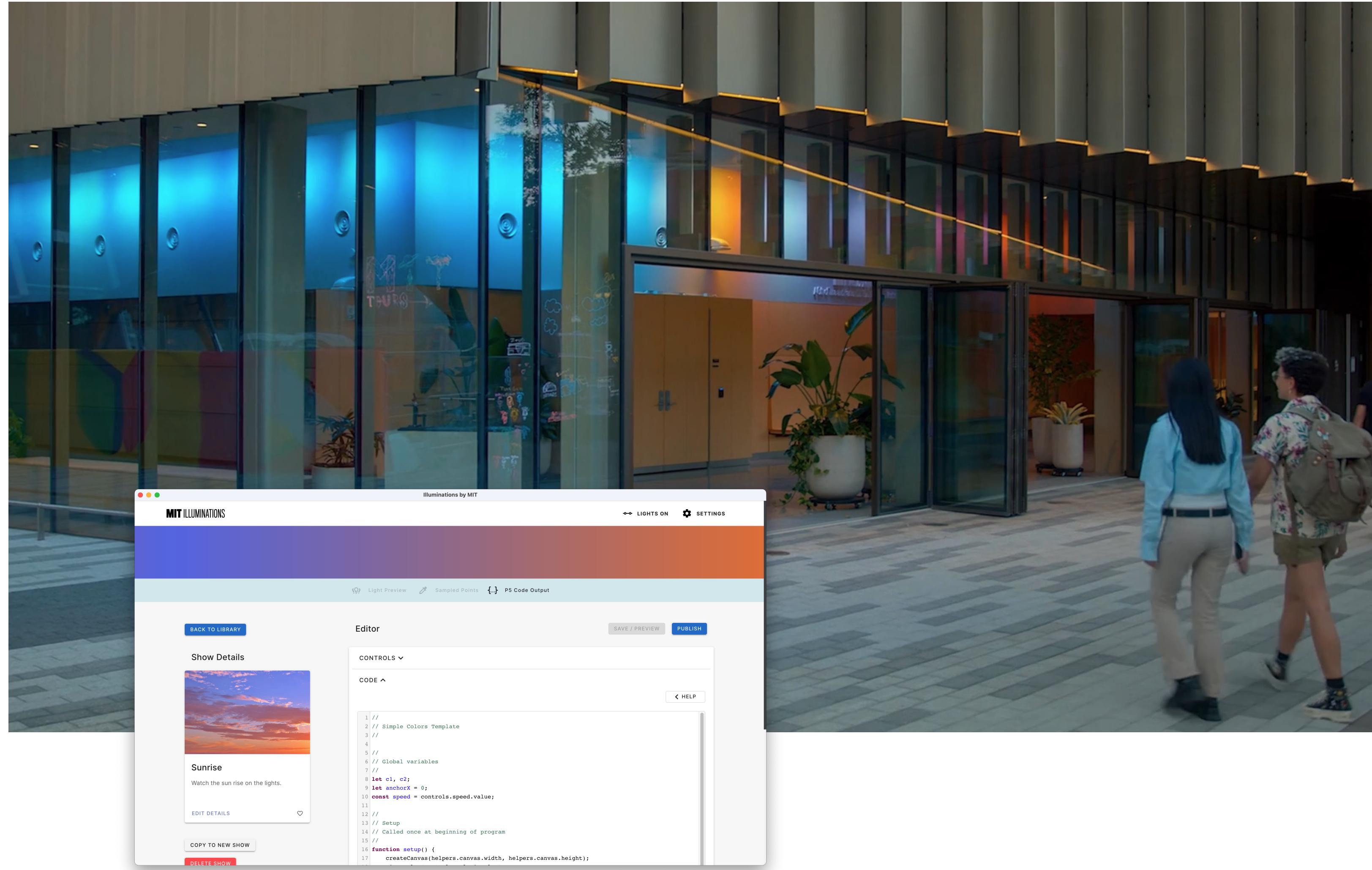
Hello, we are **SOSO**,
a Design and Technology
studio in Boston.

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Illuminations

An accessible interface that allows the community to create and share light-shows along the MIT Welcome Center frieze using P5.js and programmable LEDs.

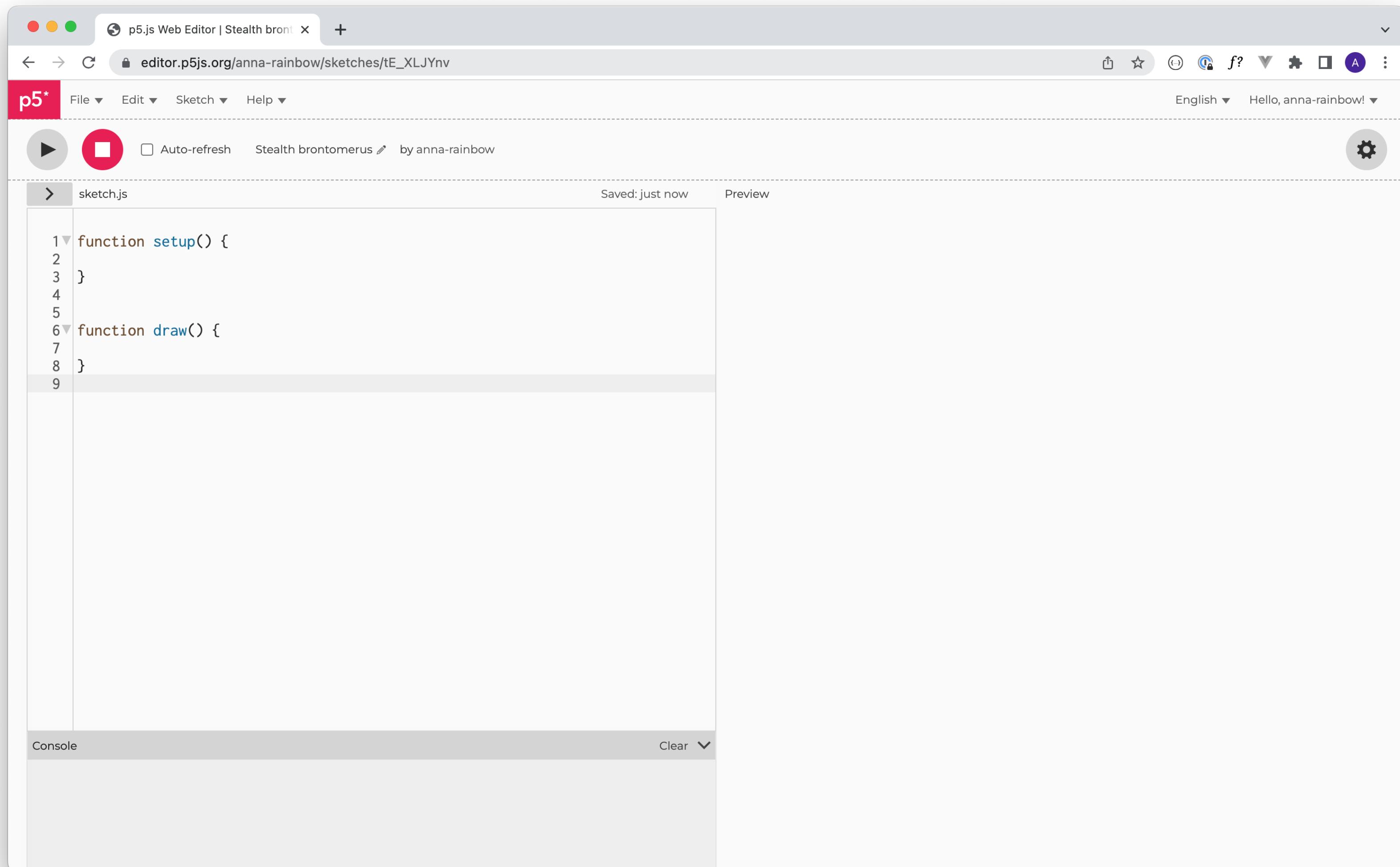


P5.js

A JavaScript library for creative coding, with a focus on inclusivity.

[P5 WEB EDITOR](#) ↗

[P5 DOCUMENTATION](#) ↗

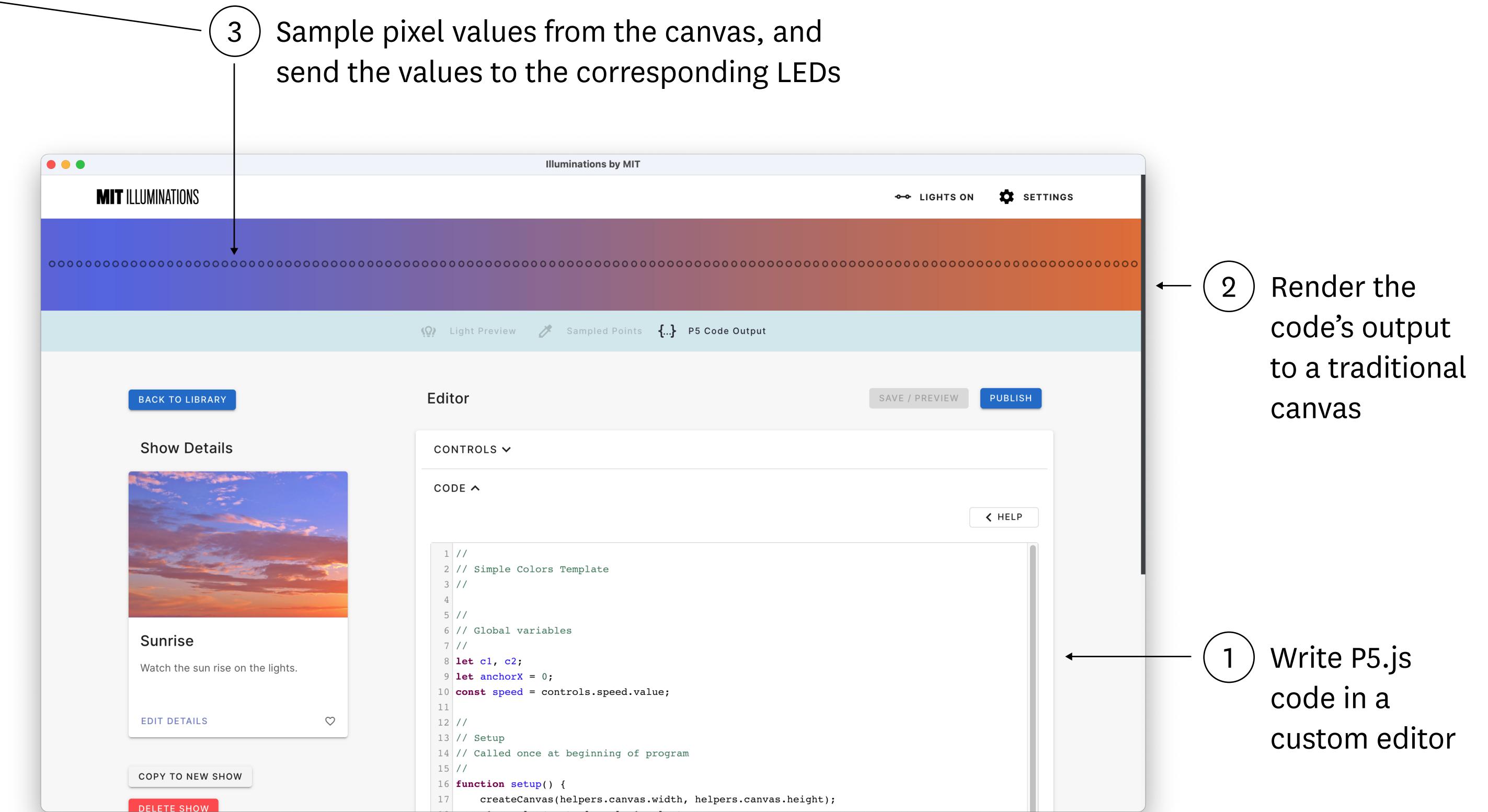


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What if

...we could use P5 to draw
beyond the browser - onto a
strip of lights?



P5.js in Illuminations

ILLUMINATIONS DEMO ➔

The screenshot shows the 'Illuminations by MIT' application window. At the top, there's a navigation bar with the 'MIT ILLUMINATIONS' logo, a 'LIGHTS ON' button, and a 'SETTINGS' button. Below the navigation is a large color gradient bar transitioning from purple to orange. Underneath the bar is a toolbar with icons for 'Light Preview', 'Sampled Points', and 'P5 Code Output'. The main area is divided into sections. On the left, under 'Playing now', is a card for 'Sunrise' featuring a sunset image and the text 'Watch the sun rise on the lights.' with 'EDIT SHOW' and a heart icon. In the center, under 'All shows', are cards for 'Simple Gradient' (a blue-to-red gradient with 'TEMPLATE' text), 'Sunrise' (a sunset image with 'TEMPLATE' text), and 'Equalizer' (a dark background with purple wavy lines). Each card has an 'EDIT SHOW' button and a heart icon. At the bottom, there are three more cards: one with a black-and-white wavy pattern, one with a rainbow and clouds, and one showing a person holding a device with a 'One Step' logo and 'TEMPLATE' text. A 'CREATE SHOW' button is located at the bottom left of the main content area.

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github.com/MIT-Illuminations ↗

The open-source version of
Illuminations and the setup
instructions are hosted on Github.

You can also download the app
from illuminations.mit.edu.

Seeds of ideas

- Visualize data
 - Tell the time
 - Forecast something
 - Encode a puzzle
 - Create a game
 - Fork the app, and extend it
-