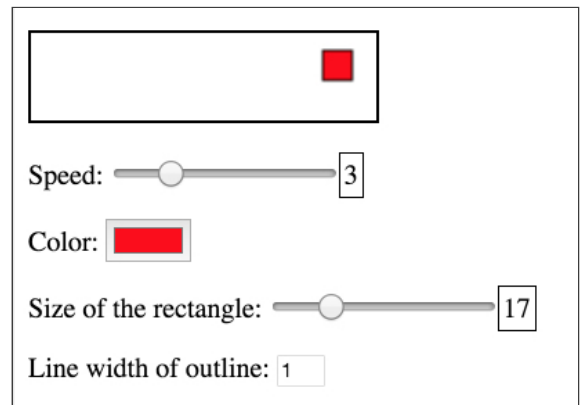


LIVE CODING VIDEO 1: USING INPUT ELEMENTS AS WIDGETS TO CONTROL A WEB APPLICATION

LIVE CODING VIDEO 2: CREATING GUI ELEMENTS DYNAMICALLY

Using input elements for a Web application GUI

This page's video shows that input elements, in particular the new elements introduced by HTML5, can be used as widgets to control the behavior of a Web application. In this situation, they do not need to be inside a `<form>` element. We just bind event listeners to them and we use them as client-side widgets.



EXAMPLE 1: CHOOSE THE COLOR, LINE WIDTH AND SPEED OF AN ANIMATION

- [Bouncing rectangle without GUI \(JS Bin\)](#)
- [Bouncing rectangle with GUI](#) (see screenshot at the top right of this page)
- [Same example as above, on JS Bin, that uses polyfills for IE and Safari](#) (spectrum.js for making `<input type=color>` work, and a small JS polyfill for making `Math.sign()` work too...). This is a good example of using a polyfill.

EXAMPLE 2: DATA VISUALIZATION CONTROL

- [Simple chart without a GUI \(JS Bin\)](#)
- [Simple chart with a GUI](#) (see screenshot on the right)

- Final version with different types of charts and a GUI (see screenshot below)

