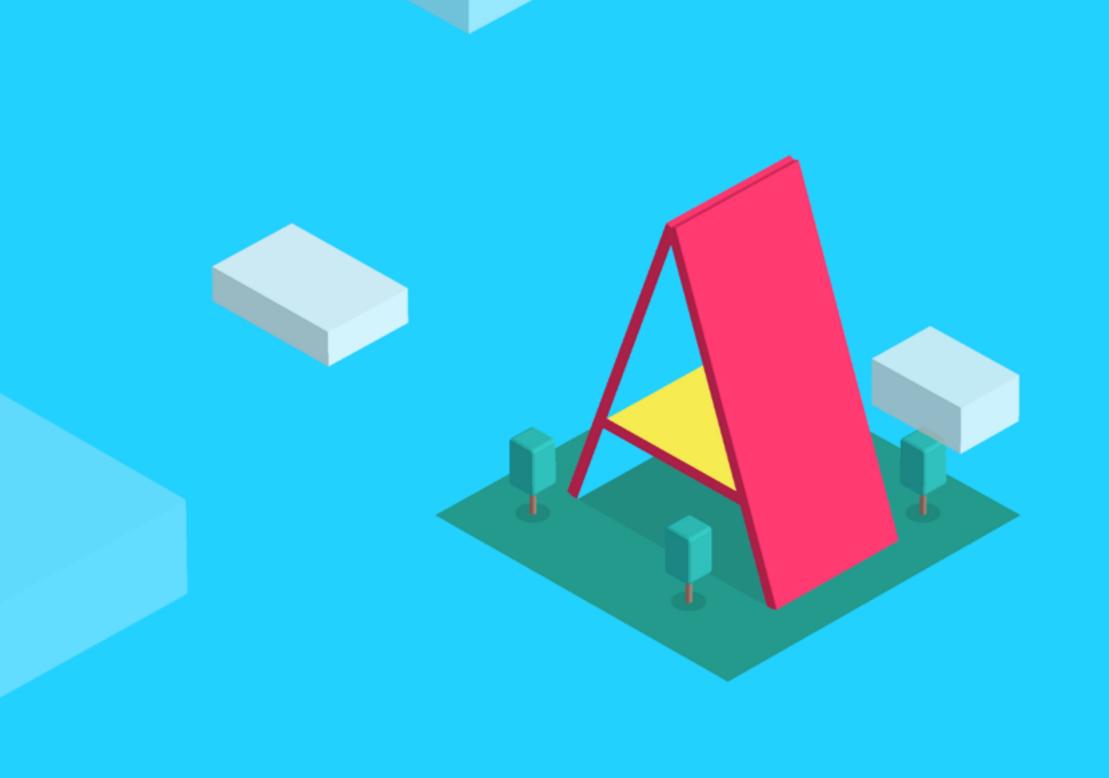


A-FRAME

Bringing VR to Web Developers

@andgokevin / @dmarcos / aframe.io SFHTML5 / 25 May 2016



A-Frame

Community

Experiments

```
opacity: .o;
float right VRnoPolyfill

a:hover{
color:#fff;
opacity: 1;
text-decoration Geometry + Material + Add

aimg{
Build:5 VI for Entering VR

Initialize scene

Initialize scene
```

■ 🖫 🔞 💲 •(i)) 🛜 100% 🚱 Nov 3 6:05 Josh Ca

Too hard to create WebVR experiences.



<a-box src="texture.png" width="5">

<a-obj-model src="fox.obj">

<a-sky src="360-image.png">

<a-box src="texture.png" width="5">

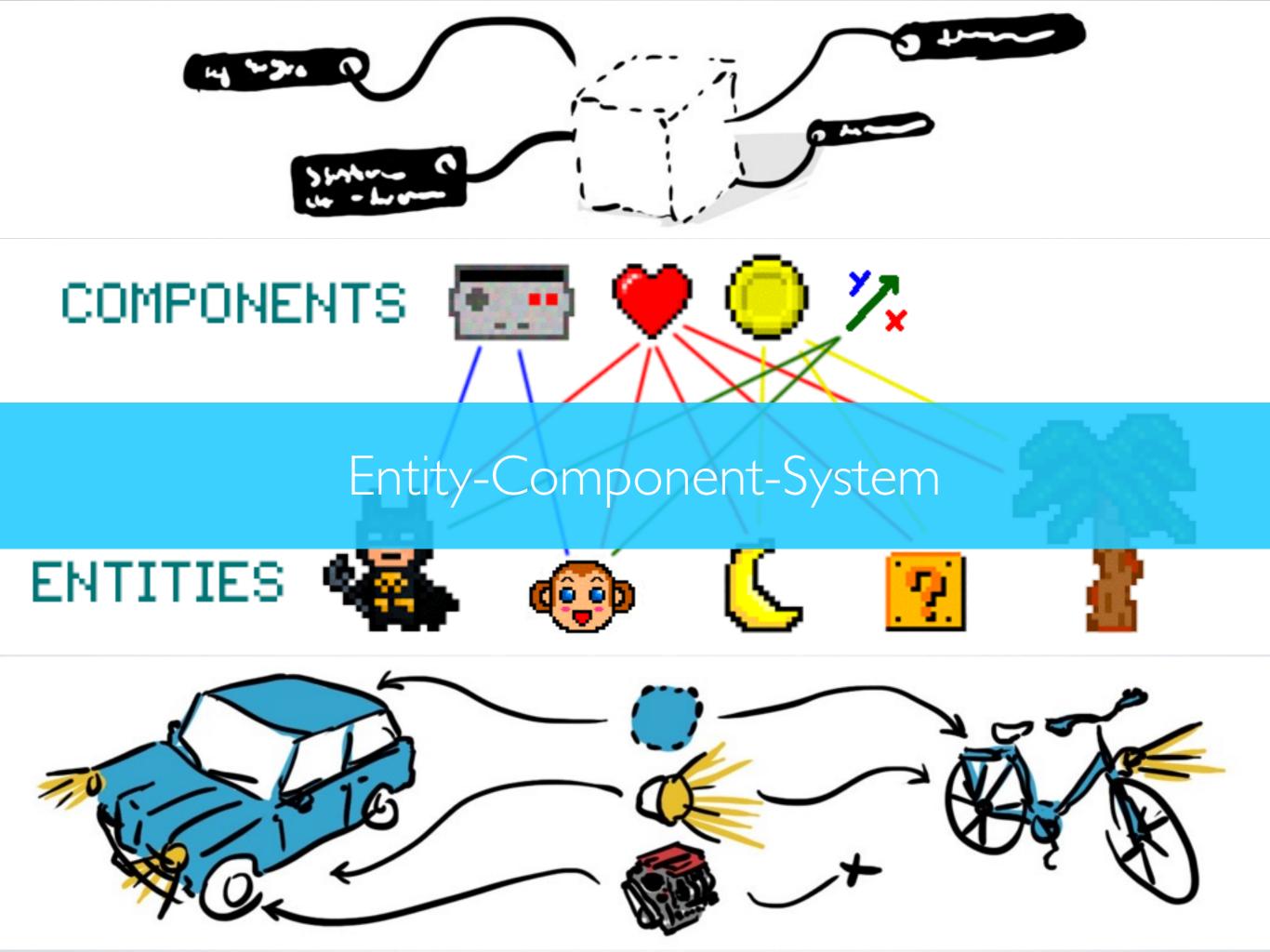
<a-obj-model sNot powerful enough.

<a-sky src="360-image.png">



Escape hatches for extensibility.





<a-entity>

```
<a-entity geometry="primitive: sphere; radius: 100"
material="color: skyblue">
```

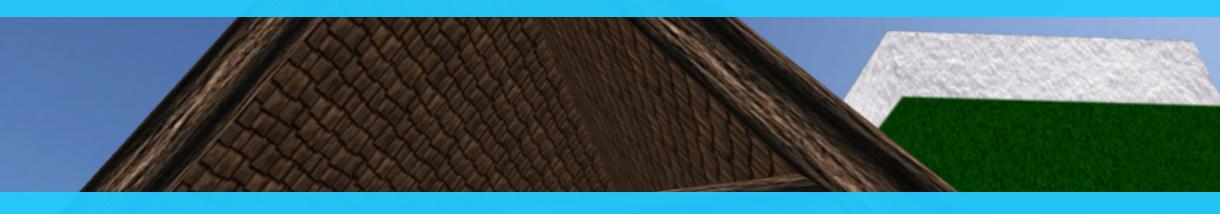
```
material="color: skyblue"
    entity-generator="mixin: rain; num: 100">
<a-mixin id="rain"
    geometry="primitive: sphere; radius: 0.05"
    material="color: white; opacity: 0.5"
    event-set="_event: collide; explode: true">
```

<a-entity geometry="primitive: sphere; radius: 100"

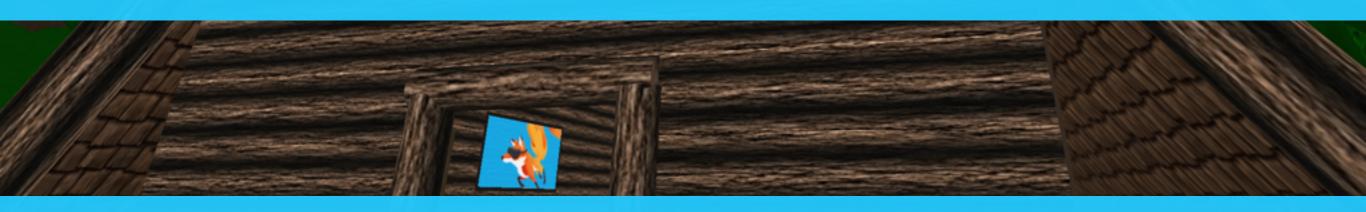
<a-entity geometry="primitive: sphere; radius: 100"

```
<a-entity geometry="primitive: sphere; radius: 100"
          material="color: skyblue"
          entity-generator="mixin: rain; num: 100">
<a-mixin id="rain"
         geometry="primitive: sphere; radius: 0.05"
         material="color: white; opacity: 0.5"
         event-set="_event: collide; explode: true"
         random-position="min: -10 50 -10;
                          max: 10 80 10"
         template="src: #rain-animation">
```

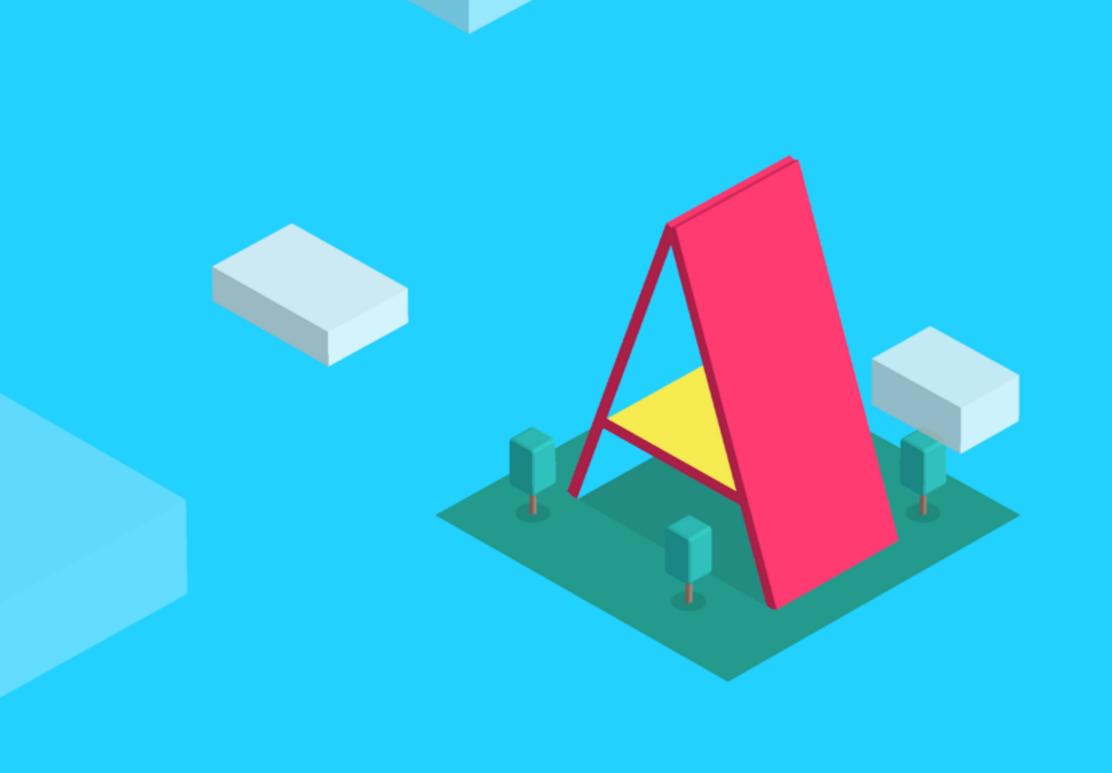




Familiar for web developers and designers



Declarative ECS framework for three.js



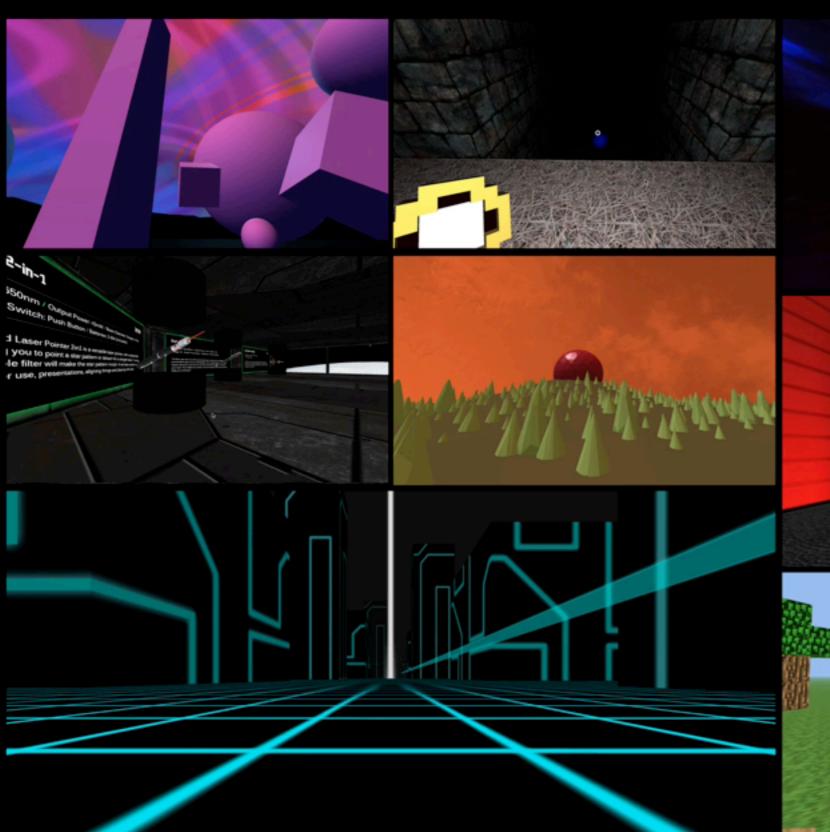
A-Frame

Community

Experiments

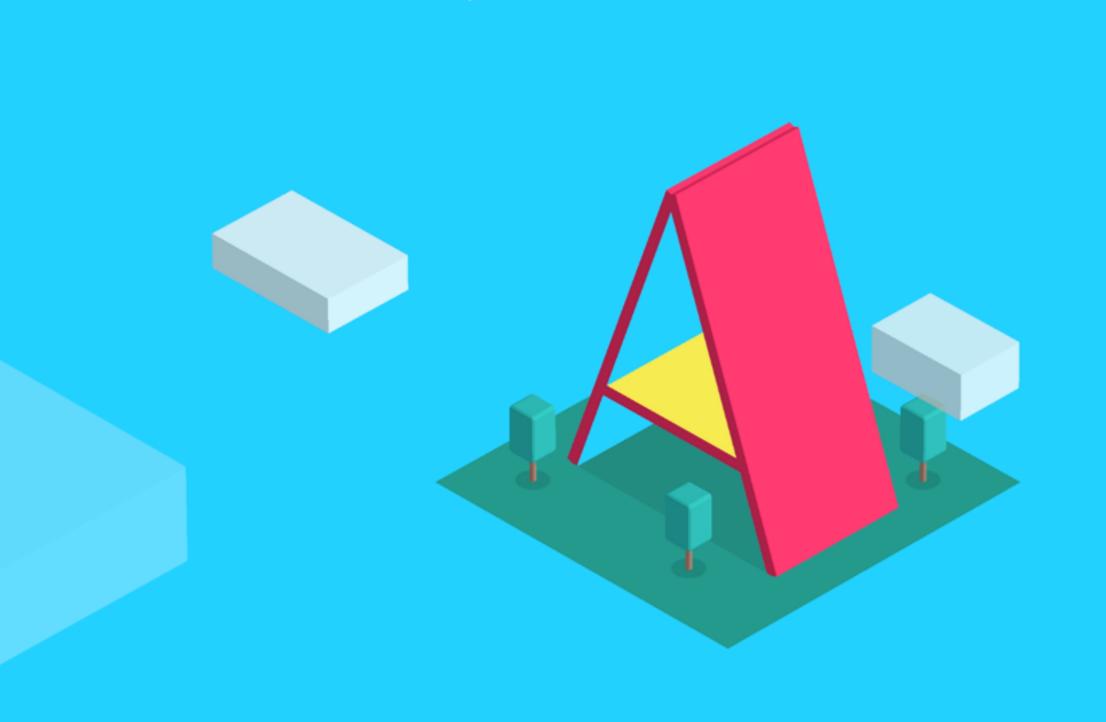
position rotation
controls scale light material
fog geometry sound
text obj-model collada-model

look-at altspace selectable explode aframe-react gif-shader noise no-click-look-controls draw hud mouse-cursor html-shader orbit-controls crease firebase audio-visualization meshline template physics layout along-path randomizer lazy-load position rotation leap-motion-controls controls scale light material text lathe-geometry fog geometry sound gamepad-controls gltf collider text obj-model collada-model extrude-geometry follow aframe-meteor proxy-controls entity-generator ocean href mesh-line grid-helper stereo fence draggable fit-texture interpolation universal-controls aframe-extras





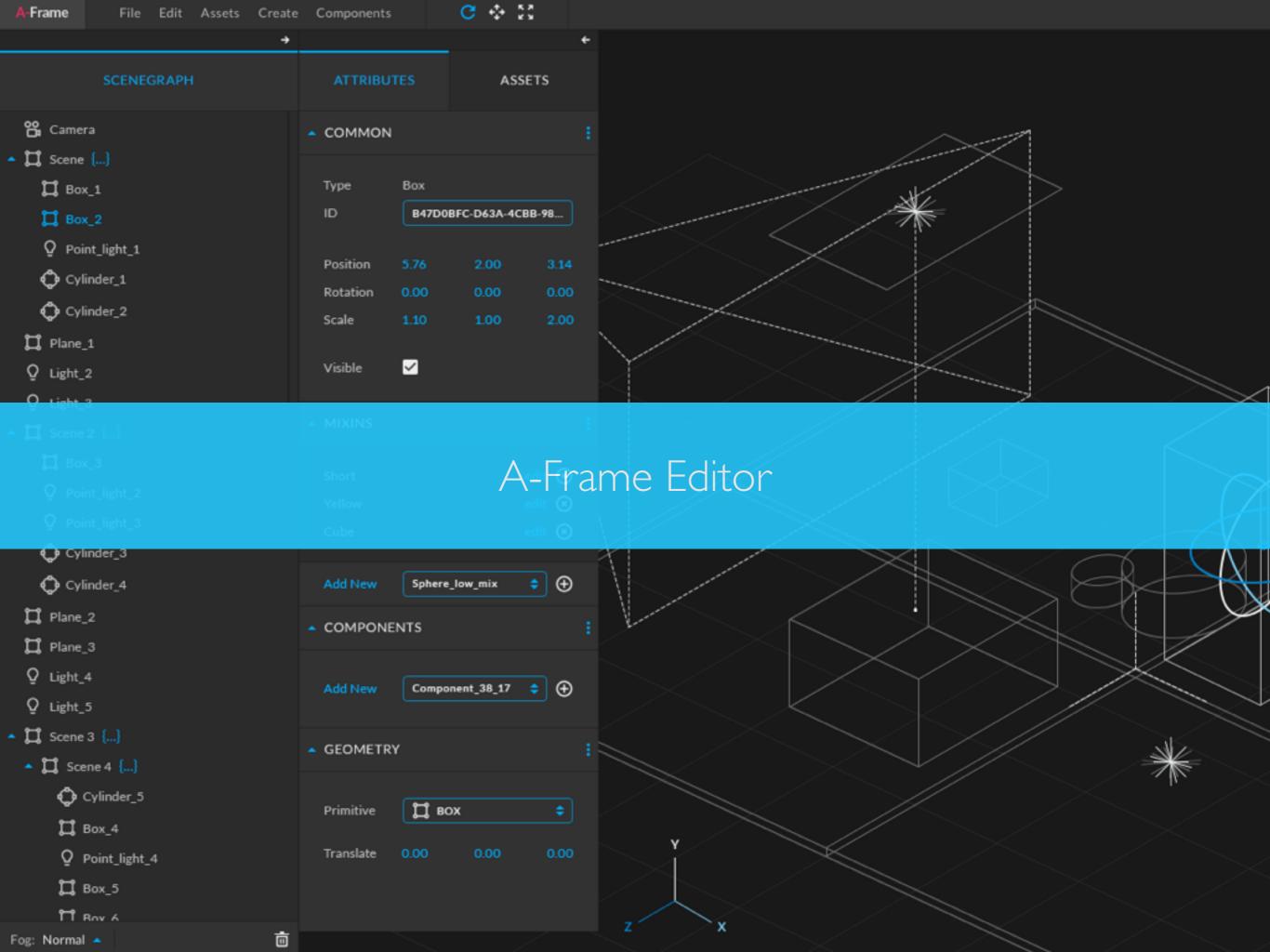




A-Frame

Community

Experiments



[WIKIPEDIA]

[MULTIUSER]

[ROOMSCALE]

[LOCAL MULTIPLAYER]