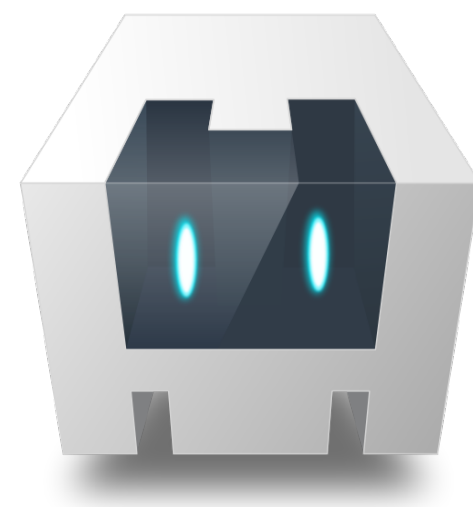
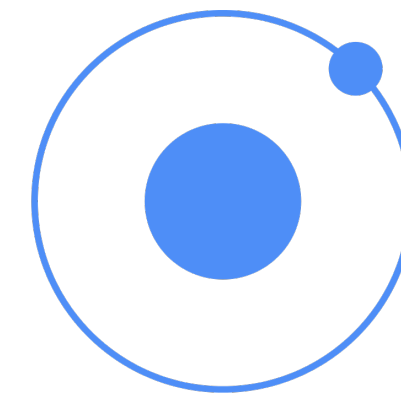




APACHE
CORDOVA™

&

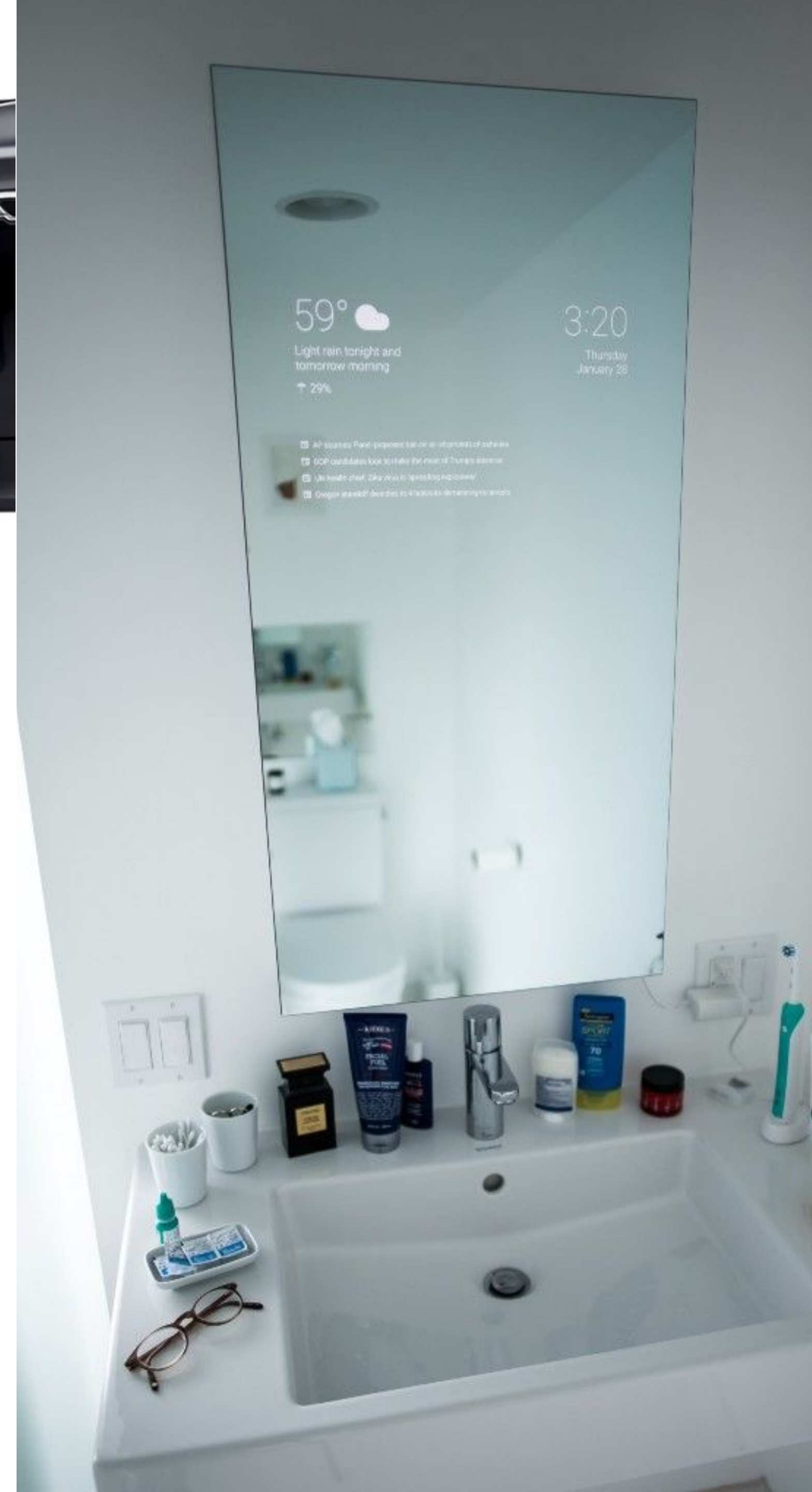
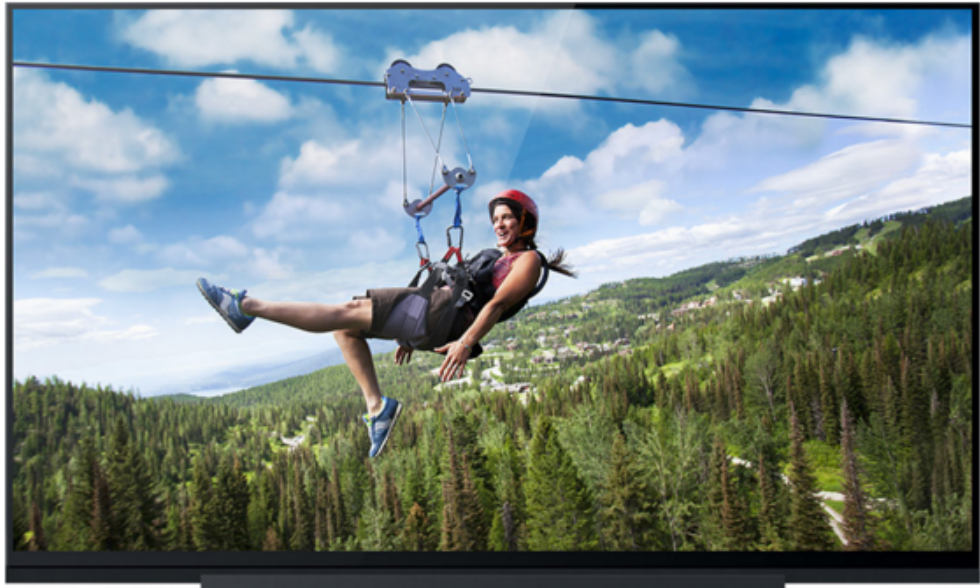


ionic

The cross-platform approach

Why go cross-platform?

- Consider HTML5 as being the next-futurish-thing
- Works on any platform that supports the web
- JavaScript everywhere (like it - or not ;), backend to frontend)



Why go cross-platform?

- Consider HTML5 as being the next-futurish-thing
- Works on any platform that supports the web
- JavaScript everywhere (like it - or not ;), backend to frontend)
- **One codebase, minor adoptions (UI/UX), every platform (iOS, Android, Desktop, TV, Cars, Mirrors)**
- Cordova wraps your webpage into a native app (+ native features)

Every platform...

- ... looks different
- ... behaves different
- ... "feels" different
- ... has different paradigms
- ... has a different purpose
- ... is different



Cordova + Ionic =
hybrid mobile + platform UX

Quick start

```
var HTML = 'html5';
var CSS = 'css3';
var JS = 'ecma5.1';
var CONSOLE = {or: ['bash', 'cmd']};

var skills = {
  required: [HTML, CSS, JS, CONSOLE],
  niceToHave: ['angularjs', 'nodejs'],
  software: ['browser', 'nodejs', 'npm', 'git',
    {or: ['editor', 'ide']}, {or: ['androidSDK', 'iosSDK']} ]
};
```

Note: you can learn the basics at w3schools.org
[try NodeSchool for NodeJS related stuff]

Quick start

```
[sudo] npm install cordova ionic -g
```

```
[sudo] npm install cordova ionic -g
```

```
ionic start appName[template=[tabs,blank,sidemenu]]
```

```
cordova create appName
```

```
ionic/cordova platform add [platform=[ios,android,windows]]
```

LET THE DEVELOPMENT FUN START!

Docs

Ionic: <http://ionicframework.com>

Cordova: <https://cordova.apache.org>

AngularJS 1.x: <https://angularjs.org>

NodeJS: <https://nodejs.org>

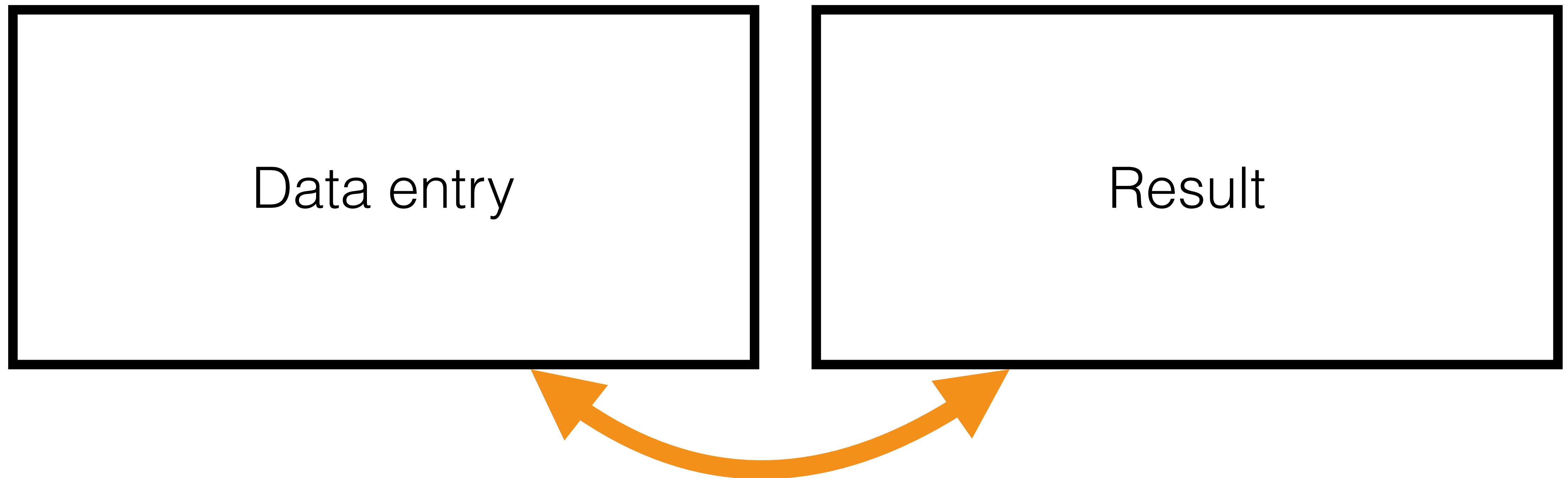
Questions?

Now, or ask in the forum, this is for all.

Specific stories: severin@severinburgstaller.com

Transitions: the flow

The anatomy of an app: animate transitions meaningful.



Hope Amazon doesn't sue me for this arrow ;)

Let's go!