

The logo for Last Call Media is contained within a white speech bubble with a black outline. The text "LAST CALL" is written in a large, bold, black, sans-serif font, with "LAST" on the top line and "CALL" on the bottom line. Below "CALL", the word "MEDIA" is written in a smaller, bold, black, sans-serif font.

**LAST
CALL**
MEDIA

Building Mobile Apps with Cordova & Ionic

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Let's Talk About...

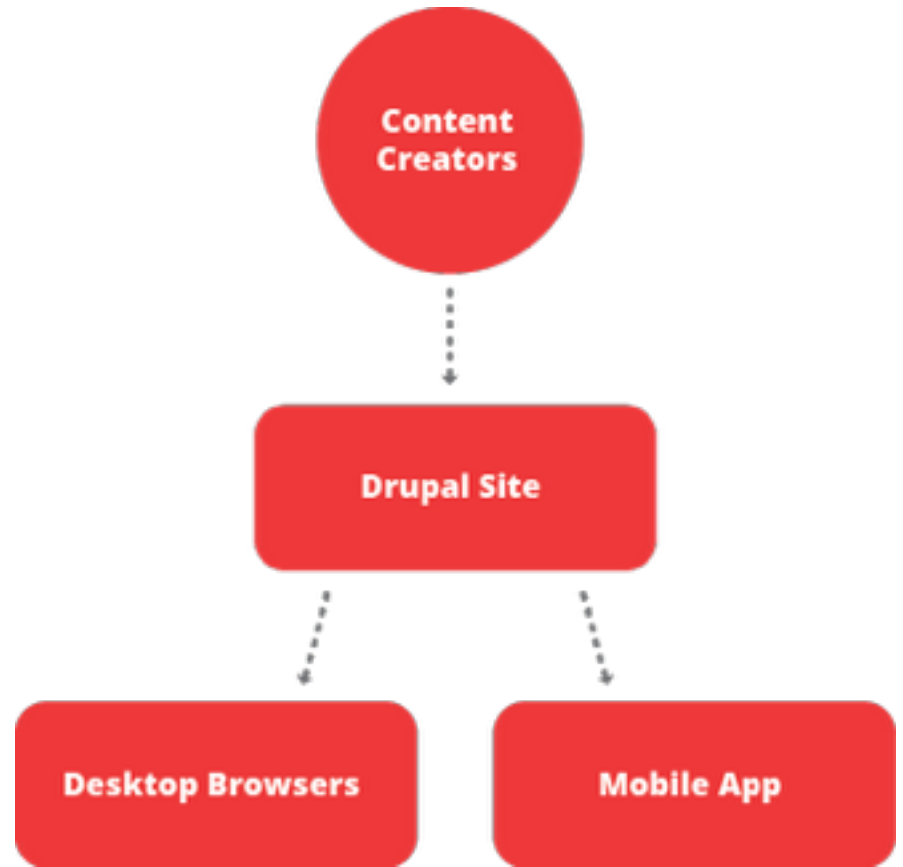
- What Cordova, Angular, and Ionic actually are
- The basics of **REST**
- Drupal 8 as an app backend
- Code

Our Goal

Imagine we have a popular media site about all different kinds of pets. We currently have a website, but we want to deliver our content in a more focused way to mobile users.



Our Goal





Has closed eyes but still sees you paw at your fat belly or hopped up on catnip, for all of a sudden cat goes crazy, for destroy couch. Hide when guests come over. Meow make meme, make cute face yet destroy the blinds roll on the floor purring your whiskers off for favor packaging over toy. Fall over dead (not really but gets sympathy) chase imaginary bugs, and stare at ceiling, and damn that dog . Ears back wide eyed sit by the fire. Run in circles. Hate dog. I am the best.

Damn that dog eat grass, throw it back up but meowwww intently sniff hand paw at your fat belly make meme, make cute face and leave dead animals as gifts. Hack up

Our App

Ionic Framework

Ionic CSS

Cordova

AngularJS

Ionic Framework



ionic

Ionic Framework =

Apache Cordova + AngularJS + CSS Framework

Cordova



Apache Cordova is a platform for building native mobile applications using HTML, CSS and JavaScript

AngularJS



AngularJS =

A javascript application framework

Drupal



Drupal™

Drupal =

Content repository / REST API

REST

Architecture principles for designing access to a remote system. REST interactions happen through HTTP requests to an endpoint.

REST

HTTP Requests use action verbs (methods):

Method	What it's for
Get	Retrieve a resource
Post	Create a new resource
Put	Update an existing resource
Delete	Remove an existing resource

REST

Endpoints are structured URLs. For example, given an endpoint of /node:

URL	HTTP Method	What happens
/node	GET	Retrieve a list of nodes
/node	POST	Create a new node
/node/1	GET	Retrieve a single node with ID 1
/node/1	PUT	Update a single note with ID 1
/node/1	DELETE	Delete a single node with ID 1

REST

Endpoints can accept and present one or more formats:

MIME Type	Presents
text/html	HTML Content
application/json	JSON Content
application/xml	XML Content
application/hal+json	JSON enriched with additional discoverability data about resources

Time For Code!

<https://github.com/rbayliss/ionic-drupal-demo-app>

Questions?

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Backend: <https://github.com/rbayliss/ionic-drupal-demo-backend>

Frontend: <https://github.com/rbayliss/ionic-drupal-demo-app>