First off, Big Thanks!

Jorge & the Chicago Flutter Group!

Everyone for tuning in!



My Super Fast Intro



@she_who_codes Mandy Lowry

Join the Flutteristas

(for women & non-binary)



@she_who_codes



Extending the

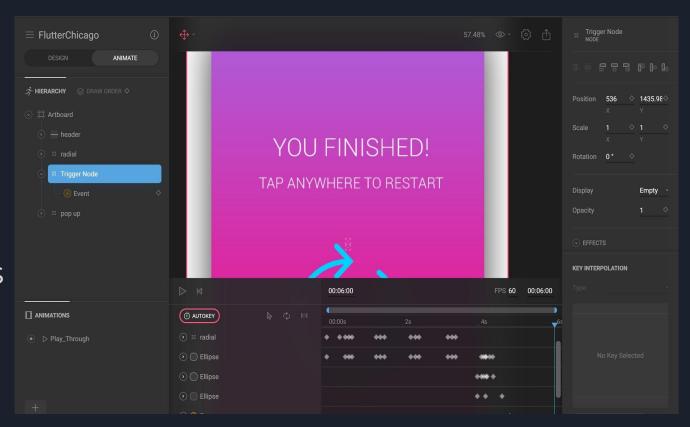
FlareController

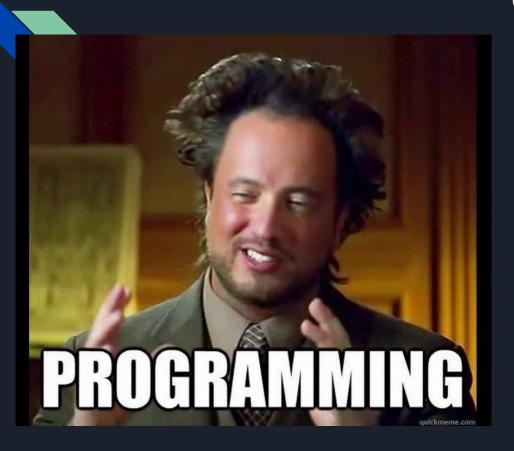
Mandy Lowry

Our Progress Radial:

Art:

- Artboard
- Nodes
- Events
- Animations





Code:

- Widgets
 - Stack, Container, FlareActor, Button
- FlareController
 - Artboard,
 TriggerEvents,
 ActorAnimation
- AudioPlayers
 - Play sound on event

Grab our Plug Ins!

```
version: 1.0.0+1
environment:
 sdk: ">=2.1.0 <3.0.0"
  flutter:
    sdk: flutter
 •flare flutter: ^2.0.3
```

Add our assets!

```
main.dart × # pubspec.yaml ×
 ■ Project ▼
                                                              custom flare controller.dart X
radial loader C:\Users\mandy\Androi / Flutter commands
.idea
android [radial loader android]
assets
▼ audio
    mineral pickup.wav
  FlutterChicago.flr
s build
ios
lib
  acustom flare controller.dart
                                          uses-material-design: true
  denerated plugin registrant.da
  ain.dart
test
o web
# .flutter-plugins
                                            - FlutterChicago.flr
                                            - mineral pickup.wav
flutter-plugins-dependencies
f .gitignore
```

Clean Up Boiler Plate & Add Headers

```
void main() => runApp(MyApp());
 MyHomePageState createState() => MyHomePageState();
```

Set Up Widgets!

```
pubspec.yaml × custom flare controller.dart
Widget build(BuildContext context) {
```

Our Custom Controller!

```
void initialize(FlutterActorArtboard artboard)
bool advance (FlutterActorArtboard artboard, double elapsed)
```

Add CustomFlareController to Main.dart

```
class MyHomePageState extends State<MyHomePage> {
 CustomFlareController controller = CustomFlareController()
 bool isFull = false;
 void incrementCounter()
   controller.incrementFill();
   setState(() {
     isFull = controller.isFull();
   });
```

Add Controller to Widget

```
pubspec.yaml × custom flare controller.dart
```

Add Vars to Controller

```
lart × 🚛 pubspec.yaml × 🧜 custom flare_controller.dart
3///this will be a custom controller for our Flare Actor
 class CustomFlareController extends FlareController {
```

Initialize all the things!

```
40 💿
         void initialize(FlutterActorArtboard artboard)
             artboard = artboard;
             baseAnimation = FlareAnimationLayer()
               ..animation = artboard.getAnimation("Fill Up");
             popUpAnimation = artboard.getAnimation("End Pop Up");
```

```
void incrementFill()
      if(isFull() == false){
     bool isFull()
```

Pop Up Code

```
void onCompleted(String name) {
           if (name.compareTo("End Pop Up") == 0) {
66 oî
         bool advance (FlutterActorArtboard artboard, double elapsed)
```

Fill Animation

```
\rm 🛣 main.dart ×
                baseAnimation.animation.triggerEvents(
```

Can't Touch This

We did it!
Thank you so much!

