

elm Europe

2018

*Getting your  
organization  
onboard with  
Elm*

---

Emma Cunningham

*Hi, I'm Emma Cunningham!* 

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**WRITE / SPEAK / CODE**  
Los Angeles



Elm LA

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**VIDEO**   **BREAKDOWNS**   **RANKINGS**   **REPORTS**   **OTHER** ▾ **Account**

**Rank** **Picks** **Action** **for** **Players** **Offense** **Customize Filters**

Filters: **Seasons** | 2017-2018 X **Score Differential** | -10-10 X **Play Start Type** | Sideline Out of Bounds X **Direction** | Left X **Wing/Middle** | Right X

**Filters (Reset)** **Update**

Game	Team	Location	Other	Offense	Defense
Ballhandler Defender	Select Some Options	Defender Position	Select Some Options	Minimum	Picks
Screener Defender	Select Some Options	Screener Defender Position	Select Some Options		1
Ballhandler Defense Type	Select Some Options	Screener Defense Type	Select Some Options		
Ballhandler Defense (Complex)	Select Some Options	Screener Defense (Complex)	Select Some Options		
Over					
Under					
Ice					
Blitz					
Switch					
Ice Switch					
Weak-Switch					
Contain Trap					

**Customize Columns**

Team	#Picks	Dir Picks	PTS/Dir Pick	Pts/Chance	Picks/100	Video
POR	31	27	1.04	0.93	1.0	Watch
CHA	17	9	0.56	0.53	0.5	Watch
HOU	16	14	1.07	1.20	0.6	Watch
DEN	13	12	0.67	0.62	0.4	Watch
OKC	13	9	0.33	0.75	0.3	Watch
MEM	13	9	0.11	0.31	0.9	Watch
NOP	12	9	1.22	1.33	0.3	Watch
MIA	12	10	0.80	0.73	0.6	Watch
UTA	12	9	0.78	0.91	0.5	Watch
POR	-	-	2.00	1.78	0.8	Watch
MIN	10	7	1.71	1.40	0.5	Watch
WAS	10	7	0.71	0.80	0.3	Watch
GSW	10	7	1.14	1.10	0.4	Watch
IND	10	8	0.75	0.67	0.5	Watch
SAC	9	6	0.83	0.63	0.5	Watch
MIN	9	7	1.00	1.00	0.3	Watch
-	-	-	-	-	-	-

**Watching: Picks**  Autoplay [View in Video Page](#)

Game ID: 2018052410 | Period: Event (Chase) | Opp: Team: HOU | Ballhandler: Chris Paul | 3PT Field Goal Missed

Game ID: 2018052410 | Period: Event (Chase) | Opp: Team: HOU | Ballhandler: Chris Paul | 2PT Field Goal Made

Game ID: 2018052410 | Period: Event (Chase) | Opp: Team: HOU | Ballhandler: Chris Paul | Foul In Bonus

Game ID: 2018052410 | Period: Event (Chase) | Opp: Team: HOU | Ballhandler: Chris Paul | Non-shooting Foul

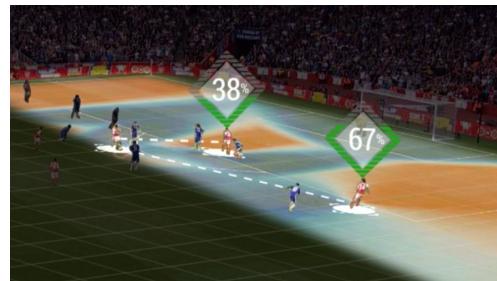
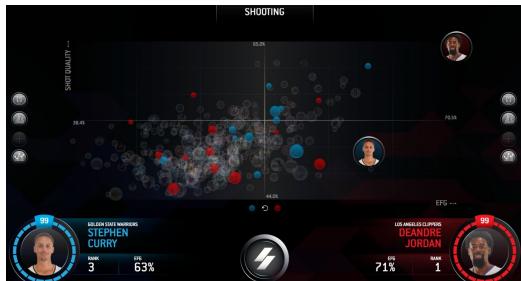
Game ID: 2018052410 | Period: Event (Chase) | Opp: Team: HOU | Ballhandler: Chris Paul | 3PT Field Goal Made

Game ID: 2018052410 | Period: Event (Chase) | Opp: Team: HOU | Ballhandler: Chris Paul | Foul In Bonus

8:47.15 - 1st Period - HOU vs GSW  
Chance Outcome: 2PT Field Goal Made Ballhandler: Chris Paul  
Screener: Clint Capela

PREVIOUS CLIP PREVIOUS MINUTE NEXT CLIP NEXT MINUTE

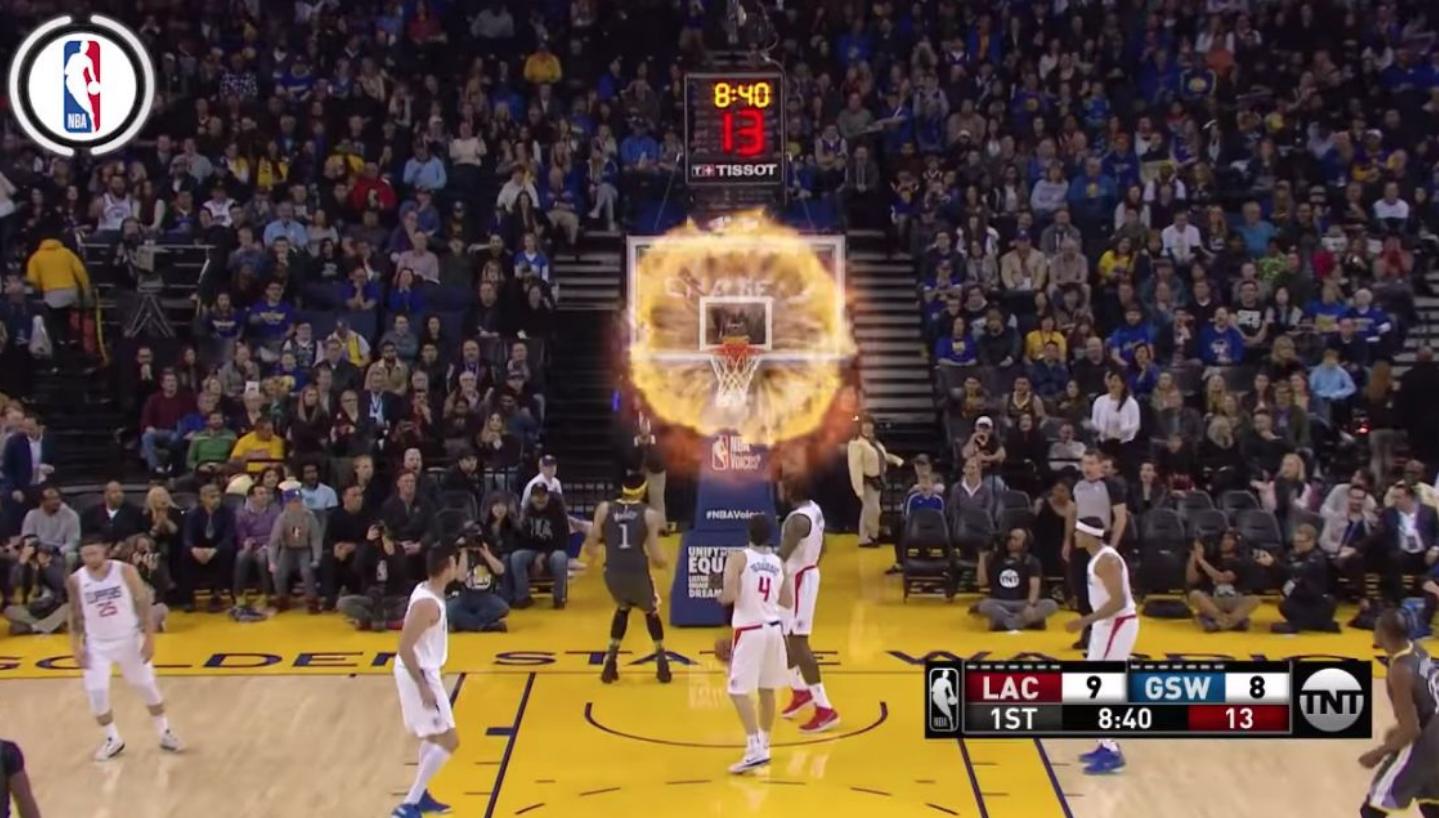
9	JR Holiday	Anthony Davis	NOV 13.5	9.3	11.0	13.7	Watch	
10	Russell Westbrook	Steven Adams	OKC 12.2	9.0	0.96	0.94	31.2	Watch



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**Second Spectrum**

@SecondSpectrum

Follow



We ❤️ [#elmlang](#) and have been using it on our full-stack teams for over a year now!

12:20 PM - 19 Jun 2018

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# Overview

- ★ Second Spectrum's Journey 🚀 to Elm
- ★ Community organizing for Elm within
  - your organization
  - your city/municipality/etc.
- ★ Concluding thoughts

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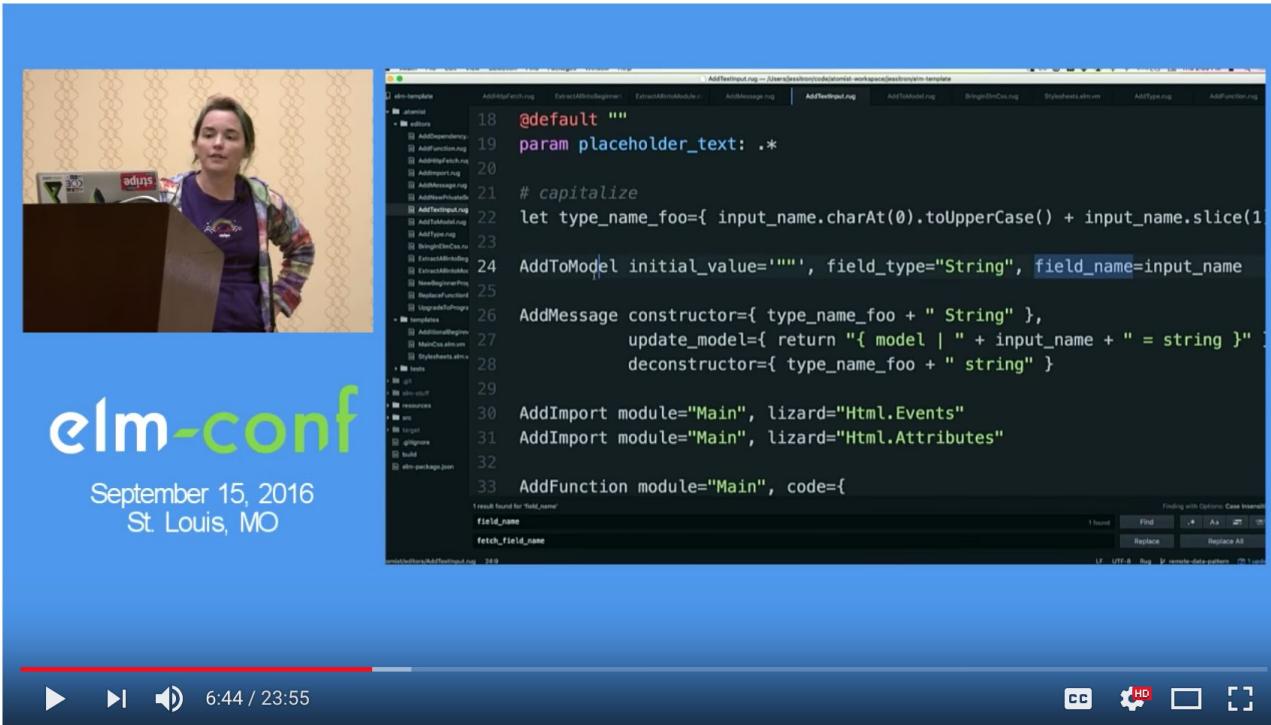


Portrait of a type-loving functional programmer (c. 2007)



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```
/**  
 * Set panel element positions.  
 */  
lfl.CarouselController.prototype.setPanelPositions = function() {  
    for (var i = 0; i < this.panels.length; i++) {  
        var left = String(this.container_width * i);  
        goog.style.setStyle(this.panels[i], {  
            'left': left + 'px'  
        });  
        goog.dom.classes.remove(this.panels[i], 'inactive');  
    }  
    setTimeout(goog.bind(function() {  
        goog.dom.classes.add(this.panels[0], 'active');  
    }, this), 250);  
};
```



"The Clockwork Gardener: Growing an Elm App With Templates" by Jessica Kerr

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And then, in Jan 2017...

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Second Spectrum's CTO Jeff Su returns from the Shanghai office, having spent about a week trying out Elm

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In particular, excited about Elm because...

- Immutability!
- No nulls!
- Type safety!

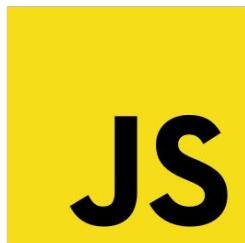
Oh yeah & that no runtime exceptions thing.

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# Second Spectrum's Journey to Elm

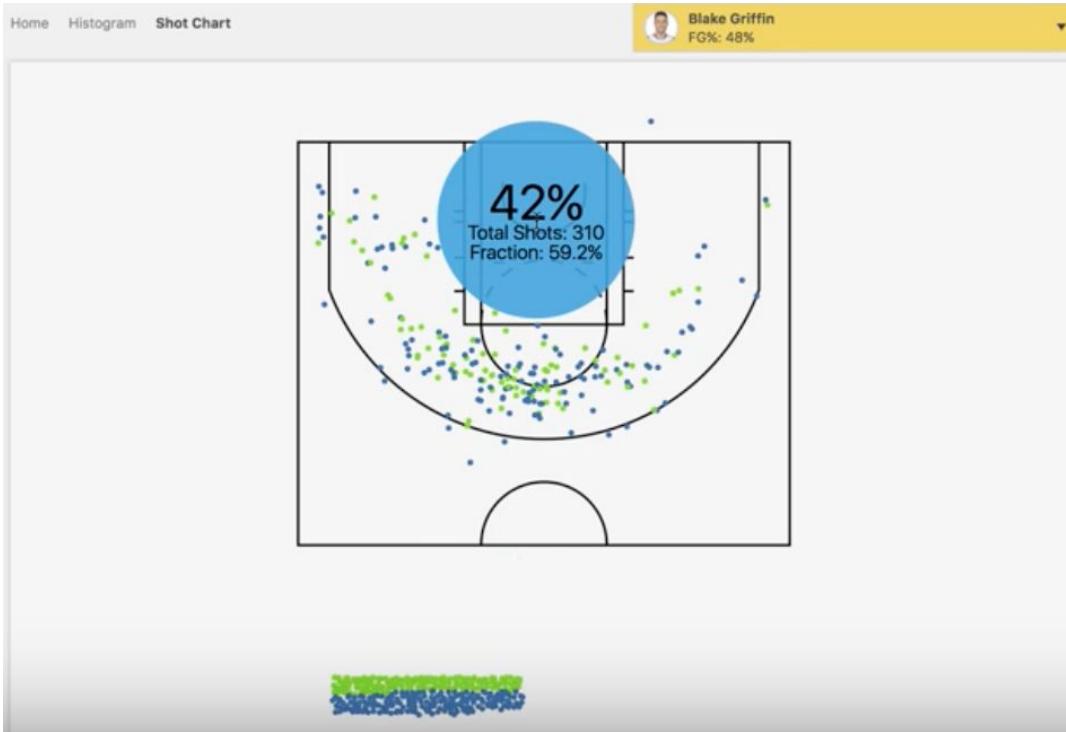
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## Some of our stack prior to Elm



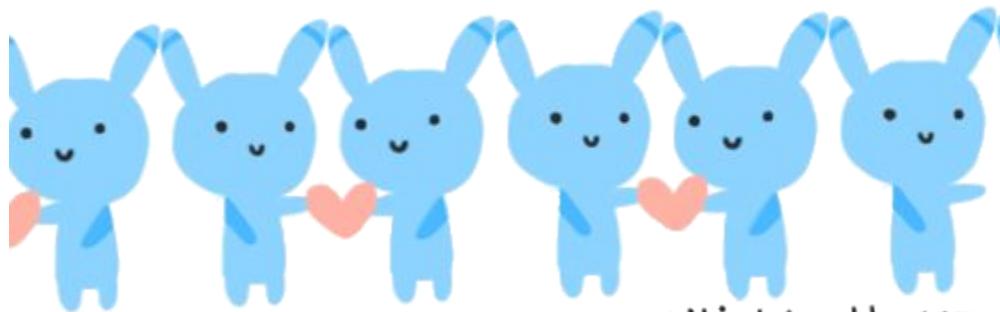
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# Our first Elm project



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spread the love~



chibird.tumblr.com

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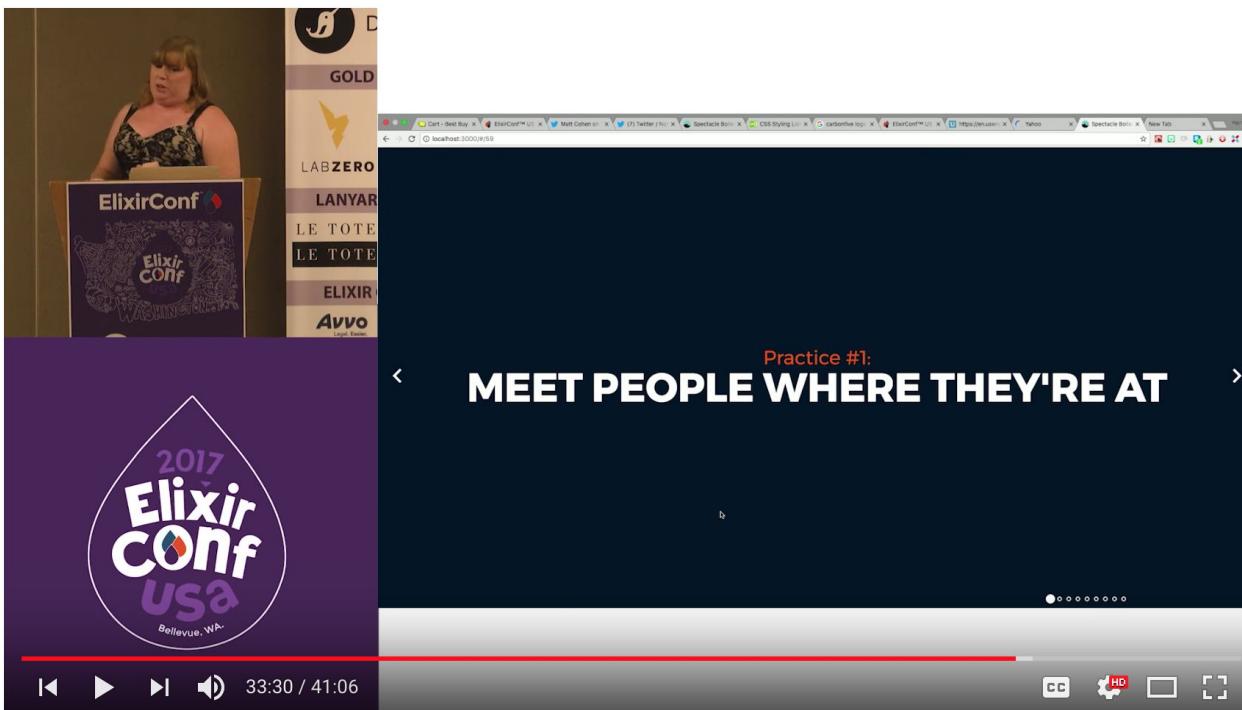
# A culture of learning

- Weekly problem set group
  - Advent of Code
  - Project Euler
- Collaboration on internal project
- Cross-team code reviews

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# Community Organizing for Elm

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ElixirConf 2017 - Idea Scaling - Hannah Howard

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```
type Colleague
    = Manager
    | BusinessDevelopment
    | Designer
    | Engineer
    | ...

convince : Colleague -> Affirmation
convince colleague =
    case colleague of
        Manager -> ...
        BusinessDevelopment -> ...
        Designer -> ...
        Engineer -> ...
```

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```
type Engineer
  = DataScience
  | Platform
  | FrontEnd
  | ...
```

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# Immediate impact within Elm projects

- Improved maintainability
- Unafraid to refactor
- Easy to on-board new project members
- Coming back to a project after a long time
- Joy!

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# Impact on organization

- Engineering empathetically
- Changing the way we think about front-end in general
- Changing the way we think about engineering in general
- Writing solid, maintainable code shouldn't be hard

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# Beyond your organization

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# Our first Elm LA meetup (Fall 2017)



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# Elm LA

Starting a new meetup:

- Get you some co-organizers
- Democratic inclusion to organization
- Code of Conduct
- Accessible for beginners
- Know your community
  - ◆ Ask for feedback
  - ◆ Is the location convenient?
  - ◆ Is the meeting time convenient?
  - ◆ Are the activities worthwhile?



Elm LA co-organizers:  
Zack Kourouma & Anup Kishore

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# Elm LA

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### TODOS

- Decide on who's giving the 15-min intro talk; [see the poll to vote](#). [Zach's Bottomless Burgers]
- Someone to emcee the event (explain the agenda, mention the CoC, lead ice breaker / working groups forming, facilitate wrap-up) [Cory from Second Spectrum]
- Look over CoC; this will likely be a work in progress as we continue to understand the needs of our group, but would be nice to get eyes on it before next week.
- For the beginners group, there will be a split between:
  - People with zero Elm experience (and some may have zero front-end experience) [Emma to facilitate]
  - People with little Elm experience [Zach to facilitate]
- For the intermediate to expert levels, we may not need to do much facilitation there, but it would be nice to have someone get to know that group and understand what they'd like to get out of future events. [Luke to facilitate]
- Update Meetup page with: [Emma can do this; does anyone else want organizer access on Meetup?]
  - CoC link
  - Thank you to venue sponsor and other co-organizers
- On the venue logistics side, Second Spectrum needs to:
  - Order food & setup the space [Emma in touch w/ Second Spectrum Ops team on this; will update them on our expected attendee count 12/1]
  - Make sure we have nametags available (**what do we think about having people list their preferred pronouns on their nametags?** We do this at Write/Speak/Code and it helps a lot with not misgendering folks or making assumptions.)
  - Set up AV so we can record the intro [Zack will follow up]
    - Where should we post the recorded video?** Could set up an Elm LA youtube channel for all recordings
- Anything else?

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# Elm LA

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The screenshot shows a GitHub repository page for 'Elm LA / org'. The 'Code' tab is selected. A pull request by 'zkourouma' titled 'CoC: add language in the feedback section on keyboards' has been merged. The commit hash 'a2538b2' was made on Nov 9, 2017. The file 'org / code-of-conduct.md' contains 36 lines (22 sloc) and is 5.89 KB. Below the repository view, a section titled 'Elm LA's Code of Conduct' discusses the purpose and benefits of having a code of conduct.

### Elm LA's Code of Conduct

#### Why have a Code of Conduct?

A code of conduct is designed to be a framework and a guide to, as the Recurse Center eloquently phrased it, "help all of us build a pleasant, productive, and fearless community." The purpose of a code of conduct is not to burden an organization with a bunch of needless rules, to provide a punishment mechanism, or to correct things that have been problems in the past.

The organizers of the Elm LA meetup felt that having a code of conduct would better secure a better community for everyone, especially for those who have tried to enter less accomodating communities in the past or are members of groups that are marginalized.

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# Elm LA

[Link to our resources](#)

## Starting a new meetup:

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## Elm LA Meetup Survey 12/5

We're just starting this group up so we would greatly appreciate any feedback you would share with us on how we can make our future events better!

\* Required

Email address \*

Your email

What was your level of familiarity with Elm prior to coming to the meetup?

	1	2	3	4	5	I've used it extensively before
No experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	

What were you hoping to get out of attending the meetup?

- Meet other Elm users
- Learn more about Elm
- Work on a project in Elm
- Other: \_\_\_\_\_

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# Recap

- At the organization level
  - Start with small internal projects
  - Classes and workshops starting with small problem sets, then larger applications
  - Leverage what people already know
- At the meetup level
  - Get to know the needs of your community
  - Collect feedback constantly
  - Create accessible opportunities to learn and get involved

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# Empathetic engineering



*To engender empathy  
and create a world  
using only words is  
the closest thing we  
have to magic.*

Lin-Manuel Miranda, 2016

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# Now is the time to organize!



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💖 Thank you! 💖

---

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