

entelo

**REUSABILITY
WITHOUT
COMPROMISE**

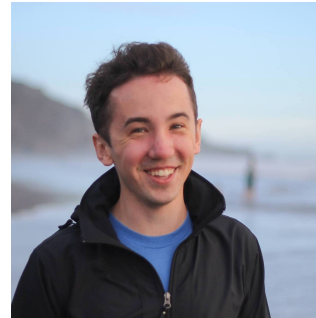


WHO WE ARE

Vlad Tsvang



Ryan Booth





WHAT WE DO

- We create the core workflows of Entelo.
- We lead Entelo's Front End Guild.
- We're making the best candidate sourcing platform in the world :)



WHAT WE'VE LEARNED

- Always think about reusability first.
- Think bottom-up, not top-down.
- Don't be afraid. Use containers liberally.

Easier said than done!

When your team grows from:

you \rightarrow 20 * you

Aug 2016



Present



PROBLEM #1

Passing props through multiple component layers

```
ListContainer
└─ CandidateList
    └─ CanidateRow
        └─ ActivityColumn
            └─ ActivityFeed
                └─ Popup
```

PROBLEM #2

Unnecessary re-rendering

PROBLEM #3

Actions serve the role of event handlers and vice versa

```
handleNewEmail(event) {  
  event.preventDefault();  
  
  this.profile  
    .addEmail(this.state.newEmail, this.props.currentUser.id)  
    .then(() => {  
      this.setState({  
        newEmail: '',  
        showAddEmailModal: false,  
      });  
      this.props.actions  
        .fetchCandidate(this.props.candidate.id)  
        .then(this.highlightChanges);  
    });  
}
```

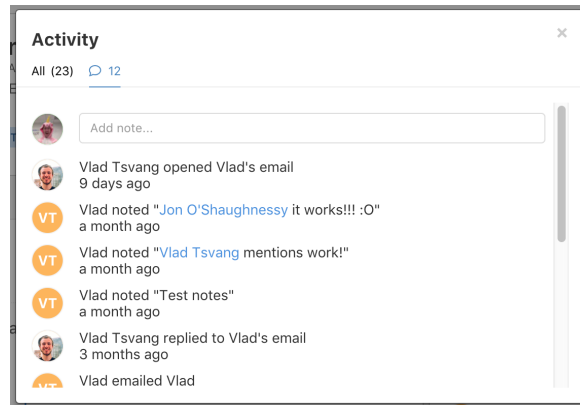

PROBLEM #4

Data selection on the component level

```
sortByListMembership(arrayOfLists, listMemberships) {  
  const sortedArray = arrayOfLists.sort((listA, listB) => {  
    if (listMemberships.indexOf(listA.id) > -1) return -1;  
    else if (listMemberships.indexOf(listB.id) > -1) return 1;  
    return 0;  
  });  
  
  return sortedArray.slice();  
}
```



DEMO APP



Ryan Booth's Activity Feed

[all \(5\)](#) [outreach \(1\)](#)

You added Ryan to the list Entelopes
You added Ryan to the list Cool Dudes
You added Ryan to the list React Devs
You sent Ryan an email
You liked Ryan's profile

Component Tree



You added Ryan to the list React Devs

Component Tree



You added Ryan to the list React Devs



[all \(5\)](#) [outreach \(1\)](#)

Component Tree

Popup

Ryan's Activity Feed

Hello there!

Item

You added Ryan to the list React Devs

Filters

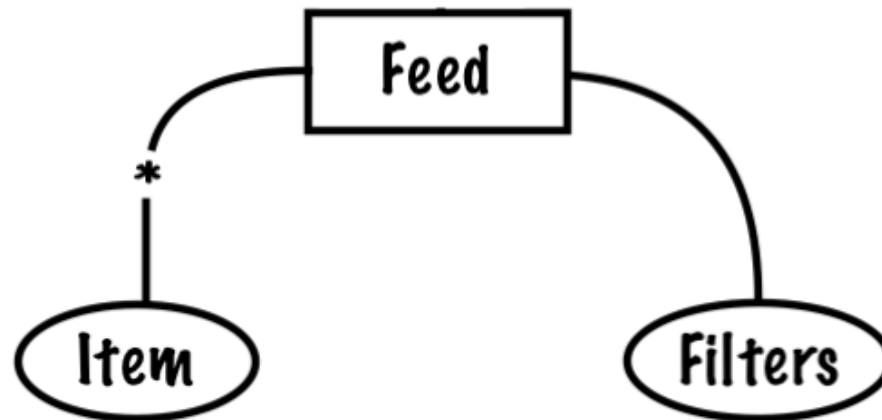
[all \(5\)](#) [outreach \(1\)](#)

Component Tree

Popup

Ryan's Activity Feed

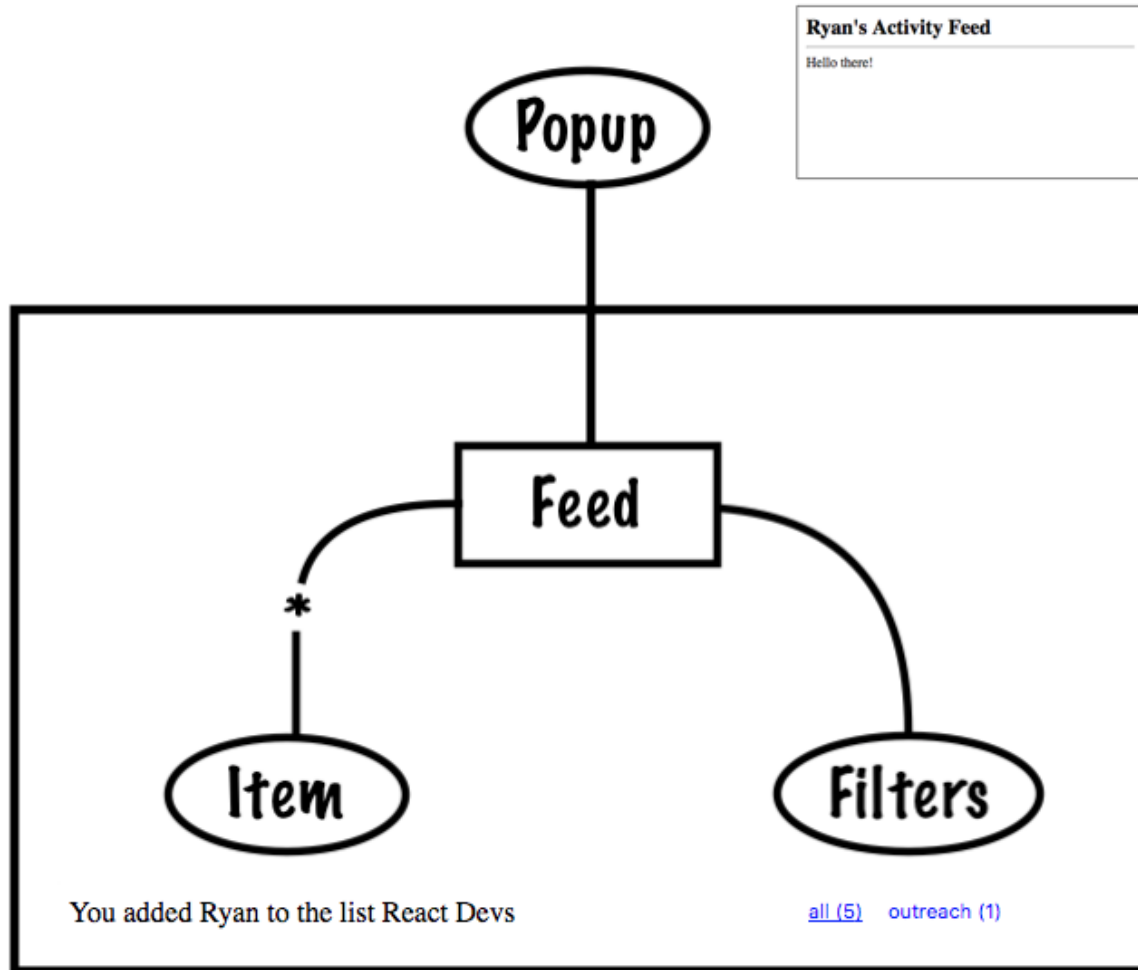
Hello there!



You added Ryan to the list React Devs

[all \(5\)](#) [outreach \(1\)](#)

Component Tree





TAKEAWAYS

- Always think about reusability first.
- Think bottom-up, not top-down.
- Don't be afraid. Use containers liberally.



FURTHER READING

- [Redux docs on Containers](#)
- [Storybooks set up](#)
- [Reselect](#)



THANK YOU

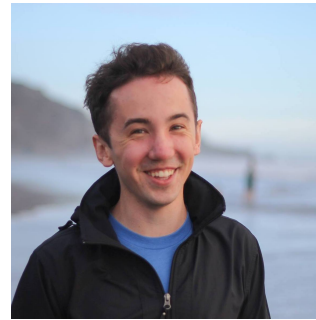
Vlad Tsvang



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entelo

DEMO APP