

REMOTE PAIR PROGRAMMING

Hello? Can you hear me?!?!?

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Tools



Culture



Pair Programming



2016 - STATE OF COMMUNICATION TOOLS

- ✓ Voice-driven assistants in your pocket
- ✓ Adobe unveils Photoshop for spoken word
- ✓ Spacecrafts sending data from a comet
- ✗ Hassle-free video-conferences

MY PERSONAL FAVORITES

GOOGLE HANGOUTS

- ✓ (Mostly) reliable Video-Conferencing
- ✗ Read-only screensharing

>_ TMATE.IO

- ✓ Low-latency terminal sharing
- ✗ Terminal-only

We also tried: *appear.in*, *Skype*, *TeamViewer*, *Floobits*, *Saros*....



✗ In-built Webcam ✓ Logitech C920 HD Pro

AUDIO

PSA: Your in-built soundcard is probably awful.

- ✓ Decent headset
- ✓ Creative SoundBlaster Play! 2 USB (20€)



COMMUNICATION TOOLS

Primary communication channel

with #water-cooler, #rantchannel and #doggggggieeeeeees

 Files + collaborative writing

 Project Management



REMOTE CULTURE

- ✓ Nobody questions your productivity
- ✓ All Meetings are remote by default
- ✓ Every meeting room has a TV and a webcam
- ✓ Everybody can work from home
- ✓ You are always online (#) unless you're busy



PROGRAMMING

YOU HARDLY SENSE YOUR PARTNERS...

- ✕ Mood
- ✕ Exhaustion
- ✕ Frustration
- ✕ Body language

NAVIGATING

FOCUS ON YOUR PARTNER

- ✓ Snooze your desktop notifications
- ✓ Disable your second screen
- ✓ Put away your smartphone

EMPHASIZE YOUR PRESENCE

- ✓ Don't mute your microphone
- ✓ Share what you're doing
- ✓ Ask for feedback
- ✓ Tell your partner if you need a break

BREAKS



TEACHING SOMEONE

Only they have the keyboard.

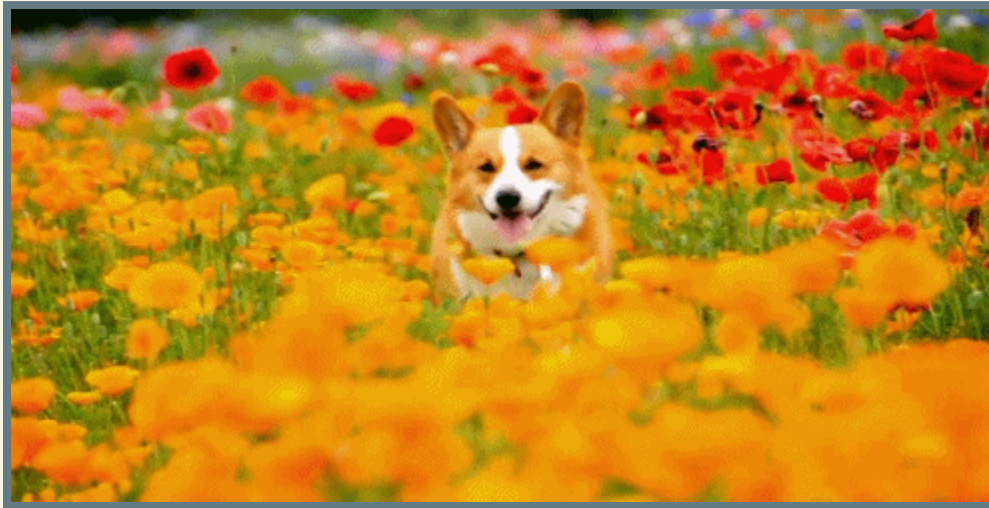
```
5  
6  
7  
8 const EditSavingsGoalLabel = ({ savingsGoal: { }})  
9  
10  
11  
12  
13  
14  
15  
16  
17
```

You need to be explicit!

No, not just props, let's destructure the argument so we get the title of the savingsGoal... use a bracket... no a curly bracket... yes that one. Now create the arrow function. Aeeeeehhhh.... the equal-sign-bigger-than-thingy.... Okay, now we want to show the title. Just use JSX. Yeah, HTML tags, no brackets needed (except for the result of the function, which needs to go into parentheses)

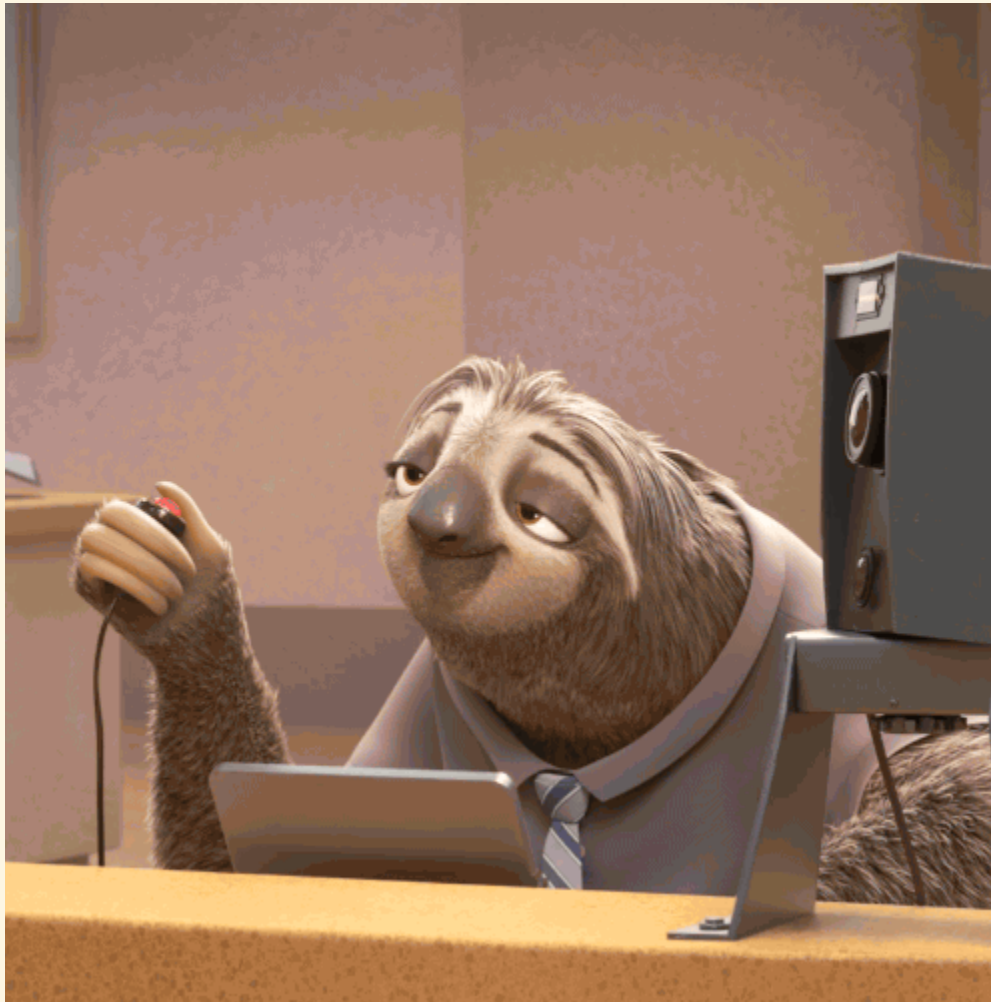
A bad example of explaining something.

PATIENCE



DRIVING

TAKE IT SLOW



TEACHING SOMEONE

Only you have the keyboard.

```
5
6
7
8  const EditSavingsGoalLabel = ({ savingsGoal: { title } } =>
9    (<div>
10
11
12
13
14
15
16
17
```

Sharing what you want to do is
more important than actually doing it.

BREAKS



SUMMARY



- ✓ Buy some good hardware
- ✓ Find your *least-broken* tools



- ✓ Don't make remote a privilege
- ✓ Establish remotees as team members
- ✓ Use remote-enabled tools



PAIR PROGRAMMING

- ✓ Train your patience
- ✓ Emphasize your presence
- ✓ Focus on your partner

THANK YOU <3

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