Logging, and Errors, and Metrics- oh my!

By Chloe Condon
Developer Evangelist @ sentry.io
Who Am I?

• Developer Evangelist at Sentry
• Non-Traditional Background Engineer
• Hackbright Graduate/Mentor/Ambassador
• Blogger
• @ChloeCondon on most things
What’s On the Agenda?

• Why do we need metrics?
• Why do we need logs?
• Why do we need error tracking? Isn’t that the same thing?
• That’s a lot of stuff… do we really need all 3?
• Are you sure?
What is Sentry?

• Error tracking
• 100% open source
• All features are built out in the open
• Follow and contribute on Github
Logs != Error Tracking != Metrics
Logging

“When did it happen?”
Logging

Jess Rudder
@JessRudder
Logging
Both pilots 'slept' for an HOUR as packed airliner flew on for 600 miles.
1 in 11 million
Chance that you will be killed in a plane crash.

1 in 5,000
Odds that you will be killed in a car crash.

95.7%
Percentage of people who survive plane crashes.
Logging
Metrics

“How many?”
Is there any better way of reporting bugs than using the voice command for it? I'd love to report something, but trying to describe it in the ~5 seconds available isn't always easy. In this case, it's that the wheel that shows up to indicate AutoPilot is available, but not on (it's grey state) is rotated slightly so it's about 5-10 degrees clockwise from centered. Then if you enable AutoPilot, and it starts rotating to mirror your actual wheel, it's still 5-10 clockwise from your actual wheel's position. Have any of you noticed this? It's a pretty minor issue, but also can be distracting.
Errors

“Who do I tell?”
The most Atlanta thing to ever happen?
MARTA bus parks right in front of The Weather Channel's Dome implosion shot 🤦
on-ajc.com/2jltypp
sentry.io/__/tutorials/
SyntaxError: JSON.parse Error: Invalid character at position:1

https://app.pagescreen.io/monitoring/view/276  javascript

37.71.42.58

Edge
Version: 15.15063

Windows 10
Version: Inconnu

MESSAGE
SyntaxError: JSON.parse Error: Invalid character at position:1
As I was typing in my password, the application crashed.

**User**

- **Email**: ben@getsentry.com
- **ID**: 22882
- **IP Address**: 169.45.178.85

**Exception**

*TypeError*

Cannot read property 'props' of null

```javascript
./app/views/groupDetails.jsx in apply at line 160:17

{React.createElement(this.props.children, {}

./app/utils/errorHandler.jsx in render at line 8:28

return originalRender.apply(this, arguments);
```
What’s in your toolbox?

Interested in Sentry?

• Error tracking
• 100% open source
• All features are built out in the open
• Follow and contribute on Github

• @ChloeCondon on Twitter
• @GetSentry on Twitter
• Add it to your project with 2 lines of code for free!
• In SF ever? Come to Sentry Scouts! Find us on Meetup