



The OpenTelemetry Starter Kit

Brought to you by Honeycomb.io

Honeycomb's OpenTelemetry Starter Kit is everything you need for observability with OpenTelemetry. Throughout KubeCon + CloudNativeCon NA 2020, you'll have access to live help and support to complete these steps.

Pop into the Honeycomb Booth channel in the [CNCF Slack](#) (**#6-kubecon-honeycomb**) and just ask for help if you need it.

Honeycomb supports OpenTelemetry and any of the work you do today can be used to send telemetry data to any compatible backend of your choosing. Today, we're providing you with a free Honeycomb account so that you have a place to send your application telemetry for analysis.

Spend a few minutes with us, get started on your OpenTelemetry journey, and win a few prizes along the way.

STEP 1

Get a Free Honeycomb Account

[Sign up](#) for a free Honeycomb account.

This account is **free for you to use, for as long as you want**. No strings attached! With this account, you can send Honeycomb up to 20M events per month. The account includes unlimited users, unlimited services, and unlimited data storage with 60-day retention.

🎉🎉🎉 **Congratulations!** 🎉🎉🎉

You now have a great way to experiment with observability for yourself, for FREE!

Note:

You will need this account to complete the following steps. Remember the team name you used when signing up, because you'll need it later.

STEP 2

Instrument an Application

Now you will instrument an application to emit telemetry data using OpenTelemetry. OpenTelemetry will send that data to Honeycomb, which you can later use to analyze your app's performance.

You have two options for how to proceed from here:

- A. Instrument a real application (an app you provide and own)
- B. Instrument a sample application

If you have code you can modify and run in a local dev environment, **we recommend skipping straight to instrumenting your own code** (you also get bonus swag for instrumenting real code!). Otherwise, you can instrument a sample app to get started.

A. Instrument a real application

To instrument a real application:

- Grab your API key (you can find it in your [Account Settings](#) after signing up for Honeycomb).
- Click on your app's language in our Quickstart Instructions at [Honeycomb docs](#) to instrument your code and configure sending data to Honeycomb.
- Run your app, hit a request endpoint, and watch data arrive into Honeycomb.
- Ask us for [help on Slack](#) if you run into any issues.
- Once data arrives, [ping us on Slack](#) to claim your prize.

🎉🎉🎉 **Congratulations!** 🎉🎉🎉

You've successfully used OpenTelemetry to emit application telemetry data to Honeycomb! Give us your team name on Slack to claim these prizes:

- Enter our daily drawing for a \$250 gift card with either [Apple](#), [HelloFresh](#), or [Fender](#).
- BONUS: A Honeycomb t-shirt of your choice & a Honeycomb sticker pack.

Now, you can continue to step 3.

B. Instrument a sample application

If you can't modify and run a real application:

- Pick one of the sample apps below to get started:

[Express.js](#)

[Java Spring](#)

[Go Fibonacci](#)

[Python Fibonacci](#)

- Follow the instructions in the repo README to configure OpenTelemetry to send data to Honeycomb.
- Run your app, hit a request endpoint, and watch data arrive into Honeycomb.
- Ask us for [help on Slack](#) if you run into any issues.
- Once data arrives, [ping us on Slack](#) to claim your prize.

🎉🎉🎉 **Congratulations!** 🎉🎉🎉

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Now, you can continue to step 3.

STEP 3

Discover New Ways to Analyze Your Applications

Now that you have an application instrumented with OpenTelemetry and emitting telemetry data to Honeycomb, you can use the power of observability to get unparalleled insights into how your applications actually behave in production. Learn what's possible by watching a demo of Honeycomb. Then try some of the features available against your own data set.

Watch a demo one of three ways:

1. Watch a [recorded demo](#) today. Go back to the person who verified your work in step 2 and tell them you watched the recording. They'll ask you one question about what was in the demo. Answer correctly to claim your prize.
2. Register to attend our [Weekly Live Demo](#) (you attend a session open to a few other attendees). After you attend the session, you'll automatically claim your prize.
3. Register to attend a [1:1 Live Demo](#). After you attend the session, you'll automatically claim your prize.

 **Congratulations!** 

You now have EVERYTHING you need to practice observability with OpenTelemetry and Honeycomb!

You win TWO FREE MONTHS of Enterprise Honeycomb. No strings attached! Your account includes unlimited users, unlimited services, and unlimited data storage with 60-day retention plus access to all Enterprise features.

** After two months, your account downgrades back to the Free Tier.*