



We're wrapping up July with a summary of July's StrongLoop blog content! We cover LoopBack, API Microgateway, the Open API Initiative, and API developer news and tutorials, as well as announcements and events.

## Learning LoopBack4 Interceptors (Part 1) - Global Interceptors

Wondering what an interceptor is in LoopBack 4?

Interceptors are reusable functions to provide aspect-oriented logic around method invocations.

Seems pretty useful, right? There are 3 levels of interceptors: global, class level and method level. In this article, we are going to look into what a global interceptor is and how to use it.

Get the details from Diana Lau.

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## In the Loop - July 18, 2019

In each "In the Loop" article we list recent news, updates or opinions for Node.js, OpenAPI Spec, Microgateway, LoopBack and other open source solutions.

The July 18th edition covers: Magical Node.js tips! Hello, OpenAPI-to-GraphQL 1.0.0! 101 Rules for Deploying with Dev Ops! Soft Delete with LoopBack 4! Obscuring Complexity! Update Appmetrics to run on Node 12! And more!

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## What's New in LoopBack 4 Authentication 2.0?

The LoopBack team refactored its authentication component to be more extensible and easier to use.

The new design greatly simplifies the effort of application developers and extension developers since they now only need to focus on binding strategies to the application without having to understand/modify the strategy resolver or the action provider.

Dominique Emond tells you what's new.

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## LoopBack 4 2019 Q2 Overview

Diana Lau reveals what the Loopback team has spent the last few months on in this Q2 Overview.

Spoiler Alert: It includes Authentication, Authorization, Inclusion of related models, Architectural improvements, Migration, Internal tooling and CI, and more! summer.

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## LoopBack 4 June 2019 Milestone Update

Nora Abdelgadir shares the hot deliverables that the LoopBack team has been cooking up this summer. Their efforts include:

- Replacing strong-docs with tsdocs!
- Jest and loopback/testlab!
- Inclusion of Related Models!
- Partial Updates via PATCH!
- CLI Improvements!
- More!

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# Deploying our Application to Kubernetes on IBM Cloud (Build an Online Game w. LoopBack 4 Pt 5)

Wenbo Sun has been walking us through the creation of an online game. Now that our project has basic features that allow us to create our own characters and log in, it's time to deploy it to cloud! So, we will first run our project in Docker and then push it to Kubernetes cluster on IBM Cloud.

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## Other News

We have a couple of important announcements for two events that may be of interest to you!

- [Get the latest version of Node.js - Node v12.7.0 >>>](#)
- [Learn about Governance of the OpenAPI Spec >>>](#)

That's all for this month! We'll see you next time as we sum up August!