

StrongLoop

by IBM

It's spooky how quickly October came and went. With Halloween now resting in peace, let's review the month's StrongLoop blog content. As always, we cover LoopBack, API Microgateway, the Open API Initiative, and API developer news and tutorials, as well as announcements and events.

Import LoopBack 3 Models into a LoopBack 4 Project

It has been almost a year since LoopBack 4.0 GA was announced. Since then, the LoopBack team have been working hard on closing the feature gap between the new and old versions and looking to simplify migration of projects built on LoopBack 3.

In June, they announced a new feature that allows LoopBack 3 applications to be mounted in LoopBack 4 projects, allowing developers to start writing new features using LoopBack 4 while keeping existing APIs powered by LoopBack 3. Miroslav Bajtoš announces a preview version of a tool automating migration of models from LoopBack 3 to LoopBack 4.

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In the Loop - October 30, 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 October 30th edition is jam-packed and covers:

- OpenJS Node.js Developer Certification!
- Node.js 12 to LTS & Node.js 13 is here!
- (Open) source of anxiety!
- Master your code's open source or it will bite you in the app sec!
- And more!

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LoopBack 4 2019 Q3 Overview

For the past few months, the LoopBack team has been busy improving the framework. Aside from implementation, we also did some investigation to plan out road map for the incoming new features. Here are our main focuses in last quarter:

- Authentication: released @loopback/authentication@3.x version.
- Authorization: experimental feature which provides basic support for authorization.
- Inclusion of Related Models: query data over relations with inclusionResolver.
- Creating REST API from Model Classes: the proposed design to allow users create REST API with less code.
- Importing LoopBack 3 Models: migrate your LB3 applications to LB4 with command `lb4 import-lb3-models`.

Let's take a closer look at each of the epic.

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LoopBack 4 September 2019 Milestone Update

Agnes Lin shares the details on what the LoopBack team worked on for their September Milestone. Besides delivering code-related contributions, they also addressed the growing number of reported issues from the growing number of users from the GitHub community. Here are our main focuses from September:

- Enhancement of Authentication/Authorization
- Declarative Building of REST APIs
- Importing of LB3 Model JSON File To LB4 Model Class
- Inclusion Resolver in Relations
- Plus more!

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LoopBack 4 Offers Inclusion of Related Models

LoopBack 4 now offers a new feature: inclusion of related models! This addition not only simplifies querying data in LoopBack 4, but since we have similar features in LoopBack 3 it also closes one feature gap between LoopBack 3 as well. The idea is to use the inclusion resolver, which is a function that helps to query data over different relations, to achieve such simplifications for us.

Agnes Lin gives the details at the link.

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News and Events of Interest

- [Enterprise Software Pioneer IFS Joins the OpenAPI Initiative](#)
- Attendees, speakers and sponsors collaborate, network and learn from each other at [Node + JS Interactive](#).