



JUNE 2017 NEWSLETTER



StrongLoop Evolves to Promote Open-Source Solutions for the API Developer Community

We've hit an important milestone for the StrongLoop website: the transition from showcasing our services to promoting community. While we have proudly supported community since we launched, we previously highlighted options from StrongLoop and IBM to help you build with node.js and power the API economy. Moving forward, this site embraces our role within the Open Source community that creates APIs and supporting the growth of that community.

With our renewed focus on Open-Source options for the API developer community, the StrongLoop site will primarily feature LoopBack, API Microgateway, and Open API Initiative - three key Open Source technologies for API creation.

[Read more](#)



Create and Expose APIs for Enterprise Data Using LoopBack

Sai Vennam, Joe Sepi Crane-Messina, Ashley McClelland, and Ram Vennam introduce you to Acme Freight. This fictional logistics company uses LoopBack and API Connect to address a common use case: the need to leverage existing enterprise assets using APIs. Using LoopBack, an open source Node.js framework, Acme Freight exposes assets located in an Enterprise Resource Planning (ERP) system. It delivers them securely to new and existing applications using a microservices architecture managed within a single interface in API Connect.

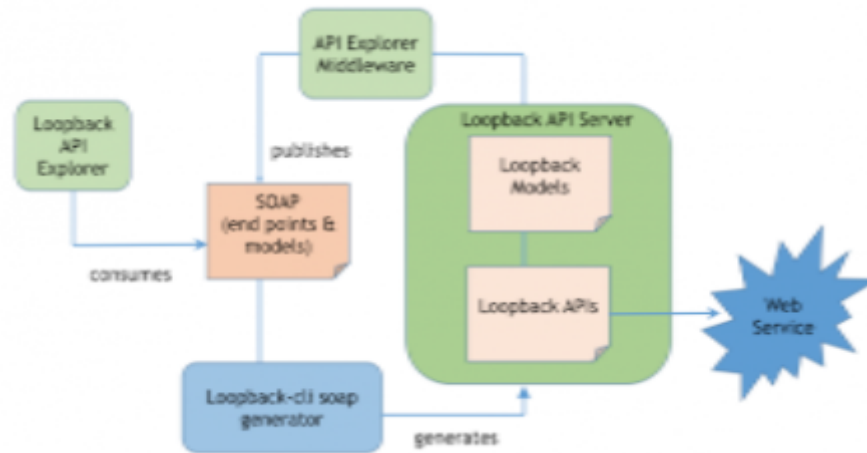
[Read more](#)



LoopBack As A Service Using OpenWhisk

Subramanian Krishnan and Nagarjuna Surabathina look at the challenges deploying a LoopBack application to the cloud and how OpenWhisk can be used to make it easier. They also take a look at how we can architect the multi-tenant LoopBack micro-service using OpenWhisk actions.

[Read more](#)



Building Enterprise APIs for SOAP Web Services Using LoopBack

We are excited to announce that LoopBack can now generate remote methods and REST APIs for SOAP web services. Rashmi Hunt walks you through this new feature, which enables you to easily create REST APIs that invoke web services without having in-depth knowledge of the web service. SOAP has been an industry standard for a long time, and enterprise adoption of REST APIS means supporting legacy systems.

[Read more](#)

```
// function in `loopback-connector`
SQLConnector.prototype.buildQueryPrimaryKeys = function(schema, table) {
  throw new Error(g.f(' must be implemented by the connector'));
};
//function in `loopback-connector-mysql`
MySQL.prototype.buildQueryPrimaryKeys = function(schema, table) {
  ...
};
```

Refactoring LoopBack SQL Connectors

Loay Gewily and Janny Hou outline the changes to Model Discovery and Migration. It is worth highlighting that just recently we refactored many LoopBack datasource connectors. This includes SQL connectors such as MySQL, PostgreSQL, MsSQL, and Oracle. The common functions were

extracted from the individual connectors to the base connector.

[Read more](#)

Upcoming Events



We're happy to be presenting informative webcasts this month as well as attending some other exciting events. Click on the links to register for the webcasts or for more details. To see our full events listing, visit our [Events page](#).

The banner features a dark teal background on the left with a white logo of three interlocking arrows forming a square. The text 'Go Serverless with OpenWhisk' is in white. On the right, a teal background contains the IBM logo, a clock icon, and the text 'Tuesday June 7 1:00 PM ET'. Below that is a person icon and the text 'Raymond Camden Developer Advocate'.

- [June 7: Go Serverless with OpenWhisk \(Webcast\)](#)

The banner features a green background with a white logo of a stylized 'B' inside a hexagon. The text 'Unlock Enterprise Data with APIs using LoopBack' is in white. On the right, a green background contains the IBM logo, a clock icon, and the text 'Tuesday June 13, 1:00 PM ET'. Below that is a person icon and the text 'Sai Vennam Developer Evangelist'.

- [June 13: Unlock enterprise data with APIs using LoopBack \(Webcast\)](#)
- [June 10-11: AngelHack Global Hackathon Series: Berlin \(Berlin, Germany\)](#)
- [June 10-11: AngelHack Global Hackathon Series: Manhattan \(New York, NY\)](#)
- [June 13-15: Cloud Foundry Summit Silicon Valley \(Santa Clara, CA\)](#)
- [June 19-21: DeveloperWeek NY \(New York, NY\)](#)
- [June 20-22: Fluent \(New York, NY\)](#)



- **June 27: LoopBack Now and Next** (Webcast)

What's Next?

Get started with these Open-Source projects:

- **LoopBack**, the highly-extensible, open-source Node.js framework.
- **Open API Initiative**, focused on creating, evolving and promoting a vendor-neutral API Description Format based on the Swagger Specification.
- **API Microgateway**, the developer-focused, extensible Node.js gateway framework for enforcing access to microservices and APIs.



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