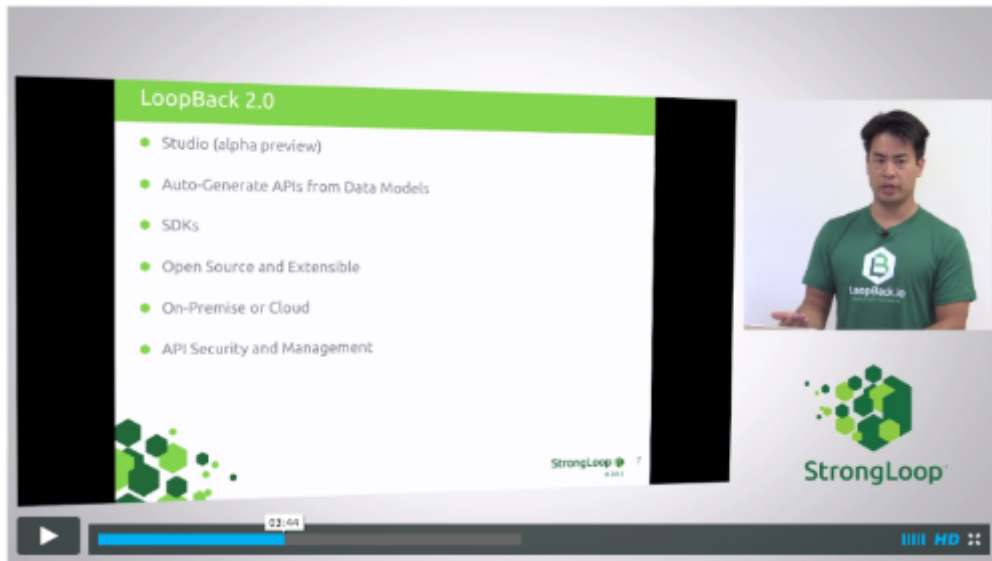# Announcing
StrongLoop API Server

Develop, Monitor and Scale Node.js apps and REST APIs

This month we announced the immediate availability of the StrongLoop API Server that makes it easy for developers to rapidly develop, deploy, monitor and scale REST APIs written in Node. The StrongLoop API Server is a set of components that work together to quickly take your API project from development to production. Features include:

- **LoopBack 2.0:** An open source framework for quickly creating APIs with Node. LoopBack includes client SDKs.
- **Mobile Backend-as-a-Service:** An mBaaS to provide mobile services like push, offline-sync, geopoint and social login either on-premise or in the cloud.
- **Connectors:** Connectivity for Node apps leveraging over ten supported data sources including Oracle, SQL Server, MongoDB and SOAP.
- **Controller:** Automated DevOps for Node apps including profiling, clustering, process management and log management capabilities.
- **Monitoring:** A hosted or on-premise graphical console for monitoring resource utilization, response times and function tracing with the ability to send metrics to existing monitoring tools.

Get Started | Learn More | Watch the Video

This month's Node developer content

- **Developing API's with Node Tip of the Week: Model Driven Development**
- **Automatic Node.js Clustering with Log Aggregation**
- **How to hire great Node.js developers into your organization**

*Looking for Node certification? Stand out from the crowd and take the **StrongLoop Certified Node Developer Exam** for only $49 through July 31.*
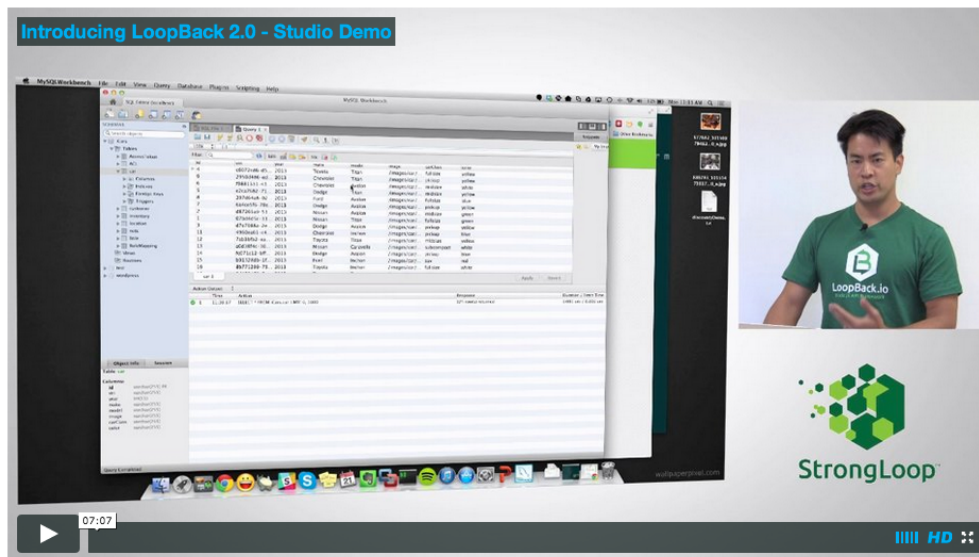
LoopBack 2.0 is Here!

New features including Yeoman and Express 4 support

What's LoopBack? It's an open source, Node.js-powered framework for creating APIs and getting them connected to enterprise datasources whether they be in the datacenter or in the cloud. LoopBack also forms the foundation of the StrongLoop API Server. Here's what's new in the latest release of Loopback:

- **Yeoman Support**
- **Express 4.0 Support**
- **Isomorphic LoopBack**
- **New Project Structure**
- **External Config Support**
- **Composable LoopBack**
- **Upgraded Workspace API**

If you are new to Loopback, here's a list of the features we've added to the framework since we announced it last year:

- **Push notification service integration**
- **Storage service integration**
- **Enhancements to the User prebuilt model**
- **Security access control lists**
- **BACN** – a reference implementation for building hybrid mobile apps with Bootstrap, Angular, Cordova (PhoneGap) and Node
- **LoopBack running in a browser** through Browserify
- MySQL, SQL Server, PostgreSQL, REST, SOAP and ATG **connectors**
- **Offline sync and replication**
- Many performance and stability improvements

Looking for a graphical UI that uses Node to make your data sources accessible via APIs? Check out StrongLoop's Studio now in preview!

Check Out These In-Depth Performance Tip Blogs

- **Garbage collection**
- **Heap profiling**
- **Memory leak diagnosis**
- **CPU profiling**
- **Scaling with proxies and clusters**
- **Event loop monitoring**

Upcoming Events

Check out StrongLoop at these Meetups & trainings

- August 14   **MidwestJS** - *Minneapolis, MN*
- August 25   **Node Fundamentals Training** - *Singapore*
- Sept 15   **Node Fundamentals Training** - *Zurich*
- Sept 22   **Node Fundamentals Training** - *London*

Check out the complete schedule on the StrongLoop **Events Page**

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