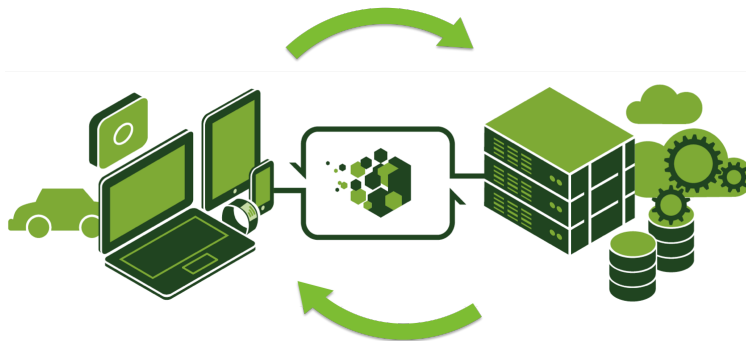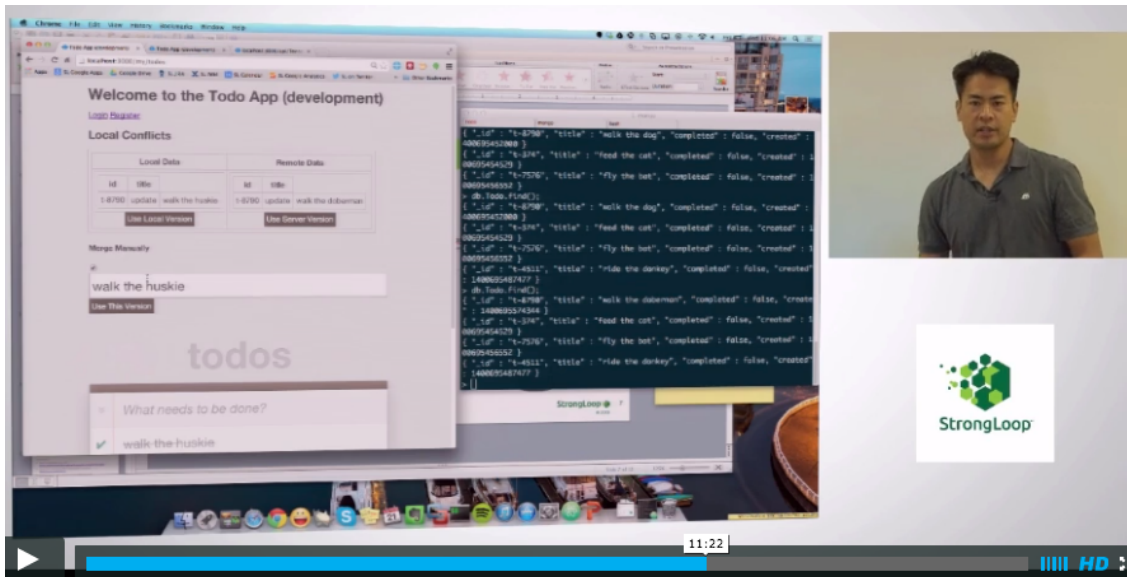April 2014 Newsletter

Announcing Open Source Replication & Offline Sync

Node.js powered heterogenous database support now in LoopBack

This month saw a major upgrade to the **LoopBack API framework** with the introduction of support for replication, offline sync and conflict resolution for mobile and web apps. This new functionality supports Oracle, SQL Server, MongoDB, PostgreSQL and MySQL. What's LoopBack? It's an open source API framework for connecting enterprise data to devices and apps, powered by Node. **Learn more...**

Get Started | Learn More | Watch the Video

This month's LoopBack developer content:

- **New: LoopBack Android SDK 1.3 - user auth & cloud storage support**
- **How-to: Enable Push notifications with LoopBack on AWS**
- **New: PostgreSQL connector for LoopBack**
- **How-to: Turn SOAP into REST APIs with LoopBack**
- **How-to: Full-stack JavaScript in action w/ LoopBack in the browser**

Express, restify, hapi & LoopBack for RESTful APIs

The pros and cons of four frameworks to help you build RESTful APIs

If you are writing a Node app, chances are you are you are going to have some kind of API end points that need to be consumed by your front end or data that needs to be exposed for others to use. This is where RESTful APIs come in. And now you have a dilemma - what tools to use and what approach to take? In this blog, Alex Gorbatchev looks at the pros and cons of a few of these frameworks. **Read more...**
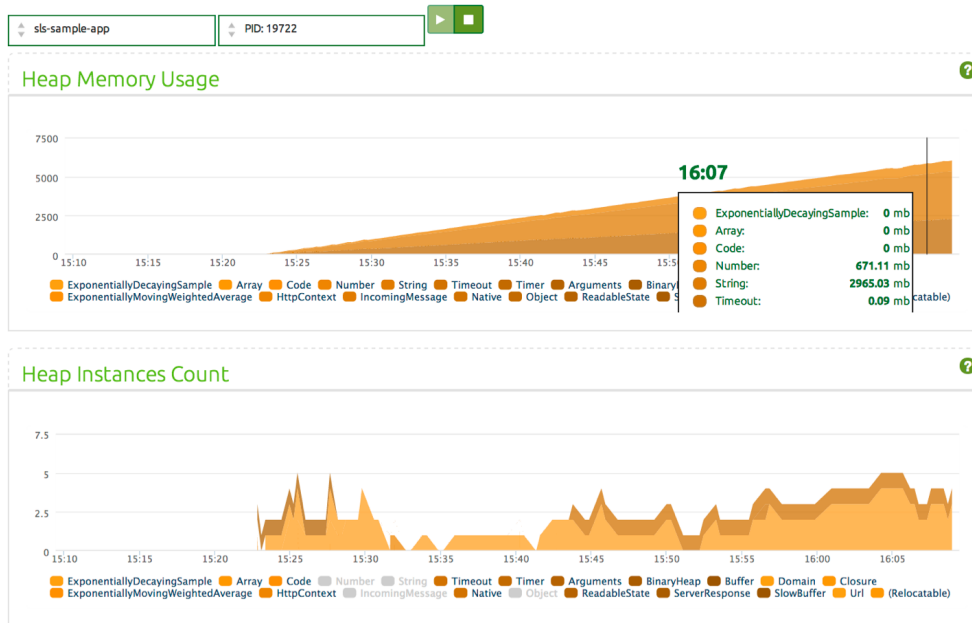
This month's Node developer content:

- **Generators in Node: common misconceptions & three use cases**
- **Comparing Node Promises, Try/Catch and Angular Zone.js**
- **Using streaming chunked HTML to deliver faster data in Node**

- **How-to: Publishing packages to multiple npm registries**

Node Performance Tips

This month's Node Performance Tips of the Week:

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

Upcoming Events

Visit StrongLoop & our partners at these Meetups & trainings

- May 29   **BayNode - May Talk Night** - Menlo Park

- May 30   **Node.sc** - Santa Cruz
- May 31   **JSINSA** - Johannesburg
- June 10-12   **CloudExpo** - New York City
- June 16-18   **Node.js Fundamentals Training** - Bangalore

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

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