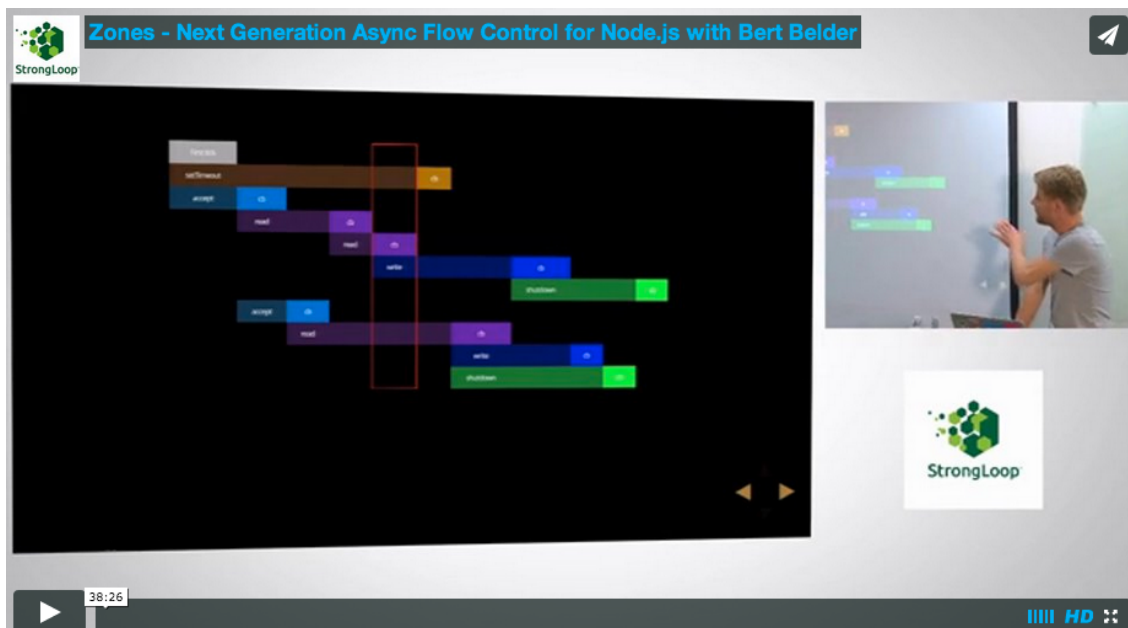**StrongLoop**

# Announcing Zones

## Better Async Flow Control, Error Handling
## and Long Stack Traces for Node

Managing async flow and avoiding callback hell can be accomplished if you are very disciplined in your development. Handling errors in async flow however, in a clean and easy to follow manner can prove very challenging even for experienced Node developers. This month, Node core developer Bert Belder introduced the 'zone' npm module. This library provides the following:

- Automatic resource cleanup and layered exception handling
- Long stack traces
- Detection of and handling of common pitfalls with callbacks
- The association of arbitrary data with asynchronous control flow

## Get Started  |  Learn More  |  Watch the Video

## This month's Node developer content

- **Blog: Comparing Winston and Bunyan Node Logging frameworks**
- **Blog: What's coming to Node v0.12: An overview of new features**
- **Video: Asynchrony, control-flow & error handling w/ Adam Crabtree**
- **Video: An introduction to Node.js error handling w/ Alex Gorbatchev**
- **Video: Node control flow panel moderated by Ross Kukulinski**

*Looking for Node certification? Stand out from the crowd and take the **StrongLoop Certified Node Developer Exam** for only $49 through July 31.*
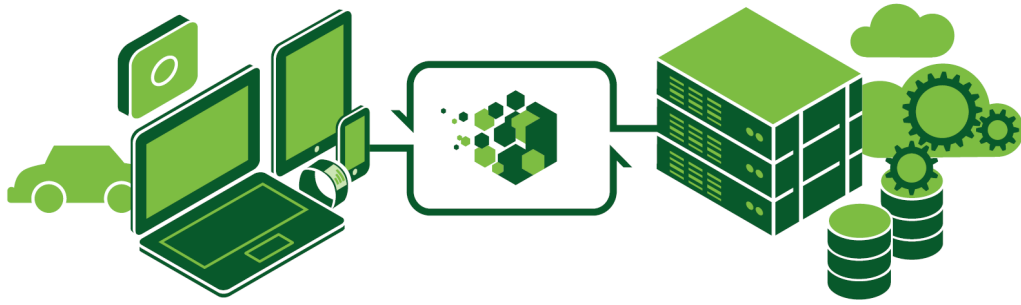
# New: Social Login Support

## The LoopBack API framework now integrates with Passport
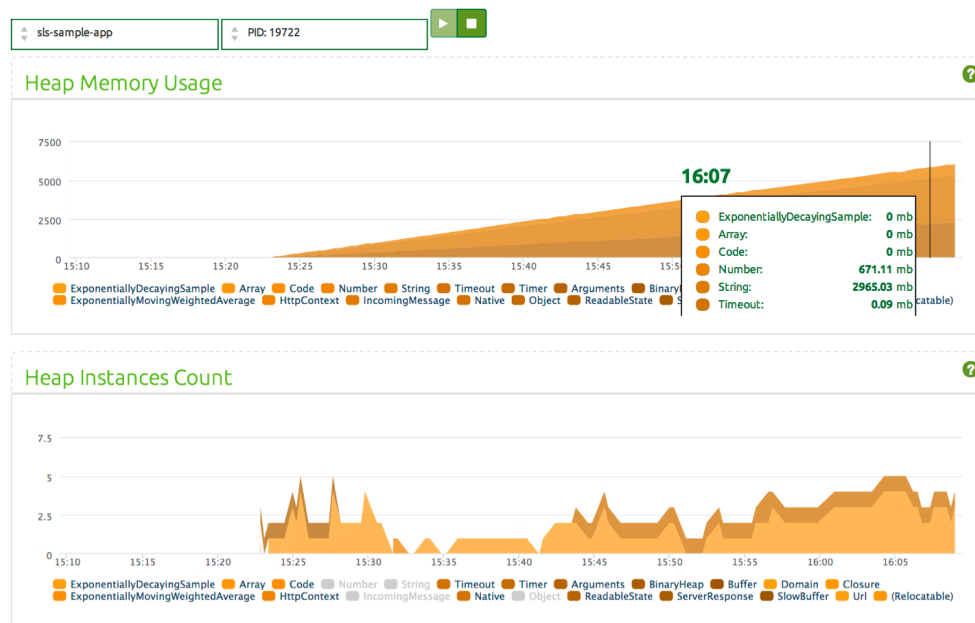
Your LoopBack apps can now leverage:

- Third-party login, to allow logins using existing accounts on Facebook, Google, Twitter, or Github.
- Integration with enterprise security services so that users can login with them instead of username and password-based authentication.
- Linking accounts so you to manage and control your user account records while still integrating with third-party services. ***Read the blog.***

What's **LoopBack**? It's an open source API framework powered by Node.js for connecting devices and apps to enterprise data and services.

# Node Performance Tips



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

- July 1      **BayNode: Node School Night** - *Mountain View, CA*
- July 9      **Shutterfly Tech Meetup** - *Redwood City, CA*
- July 14      **Denver/Boulder Node Meetup** - *Boulder, CO*
- July 15      **JavaScriptMN** - *Minneapolis, MN*
- July 20-24      **OSCON** - *Portland, OR*
- July 24      **BayNode: Talk Night** - *Menlo Park, CA*

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

Twitter     Google Plus     Facebook     Email     Subscribe