Apache CouchDB Conf Vancouver 2013

November 13, 2013
The Imperial | Vancouver, Canada
#couchconf

Time	Program
8:30 - 9:30	**Breakfast & Registration**
9:30 - 9:45	**Welcome & Opening Remarks** Presenters: Mike Miller & Yuriy Dybskiy, *Cloudant*
9:45 - 10:30	**Keynote: The State of CouchDB** Get a glimpse of the current state of affairs in CouchDB land and learn what's planned for the immediate future and beyond. Presenter: Jan Lehnardt, *Apache CouchDB*
10:30 - 10:45	**BREAK**
10:45 - 12:15	**Morning Sessions** **CouchDB everywhere with PouchDB** PouchDB is CouchDB written in JavaScript, that means it runs everywhere, I mean everywhere. Find out about why this changes everything for CouchDB and app developers, as well as the latest updates and status of the project. Presenter: Dale Harvey, *Mozilla* **"CouchDB Writ Large"** Presenter: Mike Miller, *Cloudant* **Making CouchDB Plugins** CouchDB now has plugin support! This talk explains the design of the plugin system and demonstrates extending CouchDB by building example plugins. From "my first Erlang project" to major CouchDB changes, plugins have something for everybody. Presenter: Jason Smith, *Nodejitsu*
12:15 - 1:15	**LUNCH**

1:15 - 3:15	**Afternoon Sessions, Part 1**
	10 Common Misconceptions about CouchDB After hundreds of conversations with CouchDB users, it's clear we typically face the same questions. Learn more about the mistakes many users make when thinking about how to use the database in their application – and how to make the "rough edges" of CouchDB work to your advantage. Presenter: Joan Touzet, *Atypical*
	Experiences using CouchDB inside Microsoft's Windows Azure team Microsoft team members will share their motivation for using CouchDB, experiences using and running CouchDB in Azure, design and architectural patterns the team used and a quick run-down of some of the things they love and struggle with on a team more used to relational SQL DBs. Presenter: Will Perry, *Microsoft* & Brian Benz, *Microsoft*
	Deep Dive into a Shallow Write Pool When storing data safely, disk I/O is almost always a major bottleneck. In this talk, we'll examine some of CouchDB's write patterns and explore how we can tune underlying storage media to complement those patterns. Presenter: Jason Johnson, *Softlayer*
	Say Hello to Fauxton Fauxton is the new Futon. Fauxton brings a fresh, modular approach to UI for Apache CouchDB. It is available at /_fauxton in Apache CouchDB 1.5, and will eventually become the new /_utils UI. Presenter: Russell Branca, *Cloudant*
3:15 - 3:30	**BREAK**
3:30 - 5:30	**Afternoon Sessions, Part 2**
	Replication, FTW! Apache CouchDB is the database that replicates. CouchDB-style replication is now supported in a wide range of databases that live in browsers (PouchDB), mobile (TouchDB), and the cloud. Presenter: Benjamin Young, *Cloudant*
	Personal Web Apps CouchDB is great at keeping track of all sorts of personal data — everything from notes and contacts, to sharing a live stream of photos from a balloon 250 feet above a construction site. I'll demo of some of the more interesting apps I've been building for my "personal cloud" and talk about the CouchDB features which make them easy. Presenter: Nathan Vander Wilt, *n.exts.ch*

	How CouchDB is powering the next-generation cloud storage Get an overview on how we leverage CouchDB to be the heart of our cloud-storage service. We'll cover a whole bunch of fascinating real-life experiences, as well as some nifty tricks on how to unleash CouchDB's full potential in production. I'll show off how the mighty changes-stream helps us interconnecting different components of our service, as well as pushing real-time UI updates & notifications to our users. You'll also learn how to guarantee full performance, data consistency and high availability in production. Presenter: Sascha Reuter*, Doctape*
	Open Data with Couch, Pouch, and Cloudant: Liberating the Laws of Massachusetts Learn how CouchDB can help distribute open data when that data is too big to just dump into github. As a member of Code for Boston, I scrapped the complete laws of Massachusetts to JSON, put them into a couch database on Cloudant, and then used Cloudant to implement full text search and pouch to make a demo app for people to browse the laws. Presenter: Calvin Metcalf
5:30 - 5:45	**Closing Remarks**
6:00 - 8:00	**Reception with CascadiaJS**

Thank You to Our Sponsors and Community Supporters