

Erlang & Riak <3 JS

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What I'm doing





Riak? what's that?

- basho.com/riak/
- multi-node fault-tolerant key-value database
- You can still sleep at night when a Riak node gets down - a relief for sysadmin
- You don't need to know Erlang details to try and use Riak
- Accessible via native JS support

JS code on Riak MapReduce

```
# Note: this is a part of Python code  
# Check out basho/riak-python-client  
# at GitHub
```

```
q.map("function (v) { "  
    "    var fields = JSON.parse(v.values[0].data);"  
    "    var freq = parseFloat(fields.freq_d);"  
    "    if (freq >= 14.0970 && freq <= 14.0971) "  
    "        {return [fields.freq_d];}"  
    "    return []; }")
```

Erlang? It's not node.js...

- node.js is good for server prototyping
- Erlang is much more **ROCK SOLID** on running multi-node cluster of servers, which node.js has some difficulties
- Erlang + JS will be a strong combination for solving many things!

So try Riak and Erlang

- When you get stuck on node.js
- When you need a rock-solid KVS
- Good JS frontend and good Erlang server will make an awesome system!
- **Basho and Erlang communities do want input from JS people!**

Erlang and Riak events in Berlin

- Berlin Riak Meetup: Wednesday, September 25, 19:00
- <http://www.meetup.com/Berlin-Riak/>
- Berlin Erlang Factory Lite 2013:
Wednesday, October 16, 9:00-18:00
- <https://www.erlang-factory.com/conference/Berlin2013/>

Thanks

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Looking for jobs from October 2013:
welcome your offer for Erlang, Riak,
FreeBSD, DNS, and even JS jobs!