

# Couchio

## Anologue — Ease of Development with CouchDB

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### Situation

In rediscovering IRC to connect with fellow developers in various open source projects over the last few years, the folks at Anologue realized how simple and invaluable a tool it is; especially for multiple people discussing a particular topic. They wanted to bring the benefits of the format (linear discussions), to other areas of life that could be made web accessible without the hurdle of third party scripts, plugins and even registration that other, perhaps similar, solutions included.

Initial goal: enable any number of people to view a web page that would serve as a sort of chat-room. Generate a link, share it with whomever you'd like to participate in the dialogue, type your name and text to add to the conversation. Simplicity was important in all aspects to get up and running quickly.

### Solution

Having worked with CouchDB before, they knew it was appropriate for what they were setting out to do. Right from the start they enjoyed the flexibility CouchDB provides in structuring their data — or the lack thereof. Hypothetically, every single chat, or document, could have its own data structure. This freedom was fantastic because in the beginning they were able to dramatically change data structure along with the code without any hassles. If they had a new idea they didn't have to drop into the command-line or any admin interface to poke around and add or delete a column, change the type, create a new table, etc. They just gave it to Couch, and it saved it.

Once the application was functional, and with some optimizations to Anologue's codebase as well as the framework's CouchDB adapter, they set out to take advantage of some of CouchDB's other features such as the `_changes` API and long-polling. With the combination of these features, the requests are so technically exact that they could not imagine a more appropriate solution with anything else.

### Summary

“CouchDB has been an absolute pleasure to work with. I really look forward to taking advantage of some more advanced configurations, maybe tinkering with replication (which sounds extremely easy with CouchDB) and utilizing the built-in versioning in the future for Anologue. It's not even unrealistic to hypothesize Anologue dropping the PHP portion of the codebase and moving to a solely CouchDB-based solution.” says Jon Adams, Chief Architect of Anologue.

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### About Anologue

Anologue is open source, built with php 5.3.1, using the most non-heinous, totally rad Lithium framework, CouchDB, jQuery, a few other scripts as well as some classy, original and established iconography for UI; all coming together for conversational goodness. To learn more about Anologue visit [www.anologue.com](http://www.anologue.com)

### Quote

Jon Adams, Chief Architect of Anologue, says “Because we didn't plan to any relational elements, the document-oriented approach of CouchDB was exactly what I was looking for... Basically, all I had to do in CouchDB was create the collection and never look at it again. The rest was all PHP. It was difficult to continue programming at times, as I could hardly see through the tears of joy.”

# Who we are

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## About CouchDB

Apache CouchDB bridges the cloud and the local network by making it simple to write web apps that can scale up to the datacenter and scale down for local use on a smartphone. The synchronization engine (inspired by Lotus Notes) allows sharing of data and applications across ad-hoc groups. Offline replication gives mobile devices better performance (lower latency) while saving battery life by avoiding radio usage. With offline replication solved in a simple way, application developers are free to focus on the code that matters

CouchDB is popular with developers because its document model is a closer fit for many domains, leading to less overall complexity. The JSON HTTP API allows developers to write dynamic database-backed applications without a middle tier: 2-tier CouchApps require only a web-browser and a CouchDB, and can be written by anyone with Ajax / jQuery experience. We firmly believe that empowering people to share data and custom applications at the edge of the network will lead to a more humane web.

Apache CouchDB is currently deployed by the BBC, Meebo, Assay Depot, Engine Yard, (among others) and is an integral part of the Ubuntu operating system.

# Couchio

## About Couchio

Couchio <http://couch.io> (founded by 3 CouchDB core committers) offers support, hosting, and professional training for CouchDB.

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### Contact CouchDB

[couchdb.apache.org](http://couchdb.apache.org)

### Contact Couchio

[www.couch.io](http://www.couch.io)

[hello@couch.io](mailto:hello@couch.io)