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Seamless multi-master sync, that scales from **Big Data** to **Mobile**, with an **Intuitive** HTTP/JSON API and designed for **Reliability**.

[DOWNLOAD](#)

3.1.1 (2020-09-18)

"Amongst all the panic and horror [of a power outage], I was smiling."

- Assaf Morami

"The replication in CouchDB is really the killer feature that sets it apart from other databases."

- Patrick Wolf

"Even if the internet was very bad our databases in

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- *Ryan Meredith*

More User Stories

Data Where You Need It

Apache CouchDB™ lets you access your data where you need it. The **Couch Replication Protocol** is implemented in a variety of projects and products that span every imaginable computing environment from **globally distributed server-clusters**, over **mobile phones** to **web browsers**.

Store your data **safely**, on your own servers, or with any leading cloud provider. Your web- and native applications love CouchDB, because it speaks **JSON natively** and supports **binary data** for all your data storage needs.

The Couch Replication Protocol lets your data flow

web browsers, enabling a compelling **offline-first** user-experience while maintaining high performance and strong reliability. CouchDB comes with a **developer-friendly** query language, and optionally MapReduce for simple, efficient, and comprehensive data retrieval.

See the [introduction](#), [technical overview](#) for more information, or learn [what's new in 3.1](#).

Single Node Database

CouchDB is a terrific single-node database that works just like any other database behind an application server of your choice.

Most people start with a single node CouchDB instance. More demanding projects can seamlessly upgrade to a cluster.

Cluster

CouchDB is *also* a clustered database that allows you to run a

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A CouchDB cluster improves on the single-node setup with higher capacity and high-availability without changing any APIs.

HTTP/JSON

CouchDB makes use of the ubiquitous HTTP protocol and JSON data format and is compatible with any software that supports them. CouchDB also works great with external tools like HTTP proxy servers, load balancers.

Offline First Data Sync

CouchDB's unique Replication Protocol is the foundation for a whole new generation of “Offline First” applications for Mobile applications and other environments with challenging network infrastructures.

Ecosystem

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installations), while PouchDB is built for mobile & desktop web-browsers and Couchbase Lite is built for native iOS & Android apps.

And all of them can seamlessly replicate data with each other.

Reliability

CouchDB is serious about data reliability.

Individual nodes use a crash-resistant append-only data structure. A multi-node CouchDB cluster saves all data redundantly, so it is always available when you need it.

Want to Contribute?

We welcome your contributions. CouchDB is an open source project. Everything, from this website to the core of

individuals. The time and attention of our contributors is our most precious resource, and we always need more of it. Our primary goal is to build a welcoming, supporting, inclusive and diverse community. We abide by [Code of Conduct](#) and a set of [Project Bylaws](#). Come join us!

CouchDB Core

Help shape the future of CouchDB!
There's still plenty of work to be done on the core database. We use GitHub to track issues and pull requests.

- [CouchDB on GitHub](#)
- [GitHub Issues](#)
- [\(Inactive\) Jira issues](#)
- [Dev mailing list](#)

Fauxton

Lend your JavaScript skills to the next-generation web UI for CouchDB. Fauxton is the “killer app” that makes CouchDB so powerful and easy to manage.

- [Fauxton, a Visual Guide](#)
- [Fauxton on GitHub](#)

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Marketing

We're not just building a database – we're crafting the CouchDB story. Help us promote CouchDB: plan meetups, make video tutorials, write blog posts.

- CouchDB Meetups
- Marketing Mailing List
- Tweet us a link

Website

Got a few suggestions for the very website you're reading right now? Think the UX, copy, or layout could be better? Welcome! We'd love to hear from you.

- Website on GitHub
- Marketing mailing list
- Website mailing list

Documentation

Docs can be improved indefinitely. If you've got a flair for technical writing, help us make the docs clearer, better structured, or even translate them.

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— Translation Guide

Guidance

You can be the first person someone interacts with when they have a question. Giving guidance is a great way to help others while learning CouchDB.

- Official CouchDB chat
- Stackoverflow questions
- GitHub Issues
- (Inactive) Jira issues

CouchDB Chat

We run community chat channels on [Freenode IRC network](#) and [Slack](#). IRC is open and very common, but Slack is more user-friendly.

Slack

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To start using Slack, click on the join link below:

— Join CouchDB Slack

IRC

We have two IRC channels.

#Couchdb for discussions on using CouchDB and **#CouchDB-dev** for discussions on CouchDB development.

— #CouchDB

— #CouchDB-dev

Mailing Lists

Mail Search

Search all of our mailing lists at once.

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User List [Subscribe](#) · [Post](#) · [Unsubscribe](#)

This is a general discussion and support forum for all CouchDB users.

Developer List [Subscribe](#) · [Post](#) · [Unsubscribe](#)

This is where people working on CouchDB itself discuss things.

Commits List [Subscribe](#) · [Post](#) · [Unsubscribe](#)

This is where all source code and wiki change notifications are sent.

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This is a single stream of generated notification from GitHub.

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