



for geeks

Wagn is a free, open-source web app that unites the best of a wiki, a CMS, and a database.

Key Features

wiki

- each building block (or “card”) has a unique name and revision history.
- in-place editing of content and config - no training needed for content creators

CMS

- flexible templating and layouts
- set-based CRUD permissions; can apply to individuals or teams
- elegant modules API

database

- native query language (WQL) with built-in permissioning
- dynamic structures, highly reusable data

The Wagn Way

Most web development consists of creating (1) interface, (2) a database, and (3) a gluey layer to connect them. This leads to rigidity, because the moment you tweak your structure (#2), you have to rewrite #1 and #3.

Wagn development (or “Wagneering”) lets you create and evolve your website much more fluidly, because you create both interface and structure with the same simple building blocks, called “cards”. Cards make it simple to use, reuse, and refine your information patterns.

Many systems have some nod to Wagn’s “everything is a card” design principle. In Wordpress it’s a “post”; in Drupal it’s a “node”. But in those systems, adding any microstructure means adding a new database field unknown to the rest of the system. Deep integration quickly becomes impossible.

With Wagn, microstructure is achieved by nesting cards within cards. So every piece of information in Wagn is named, versioned, viewable, linkable, includable, queryable, and permission-manageable.

Endorsements

“... one of the most exciting contributions to wiki since I coined the term” — Ward Cunningham, wiki’s inventor

“... breaks new ground in collaborative software.” — Steven Walling, ReadWriteWeb

“... advancing the state of the art” —Mike Gunderloy, Rails Inside

Platform

Ruby on Rails, jQuery, MySQL or PostgreSQL.

Any OS. Available automated cloud installs to latest Ubuntu LTS release.

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Learn more at wagn.org