

Building Graph-Based Web Applications with Structr and Neo4j



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amorgrner

<> Shell, Java, JavaScript

🕒 Joined on May 30, 2010

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structr/structr	Java framework for mobile and web appl...	98 ★
neo4j-contrib/neo4j-org	neo4j.org website	21 ★
neo4j/spatial	Neo4j Spatial is a library of utilities for Ne...	186 ★
neo4j/java-rest-binding	Java Bindings for the Neo4J Server RES...	65 ★
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Public contributions



1,017 Total

Oct 01 2012 - Oct 01 2013

Year of Contributions

13 days

September 08 - September 20

Longest Streak

0 days

Rock - Hard Place

Current Streak

Contribution Activity

Period: 1 Week

🔔 2 Issues Reported

- open** #632 Support SVG in data-background 4 hours ago
- open** #77 Option to scan directories and import add files/images 5 days ago





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Structr is a CMS
and Web Framework
based on Neo4j.

A new CMS?
Why the hell...?

200,000+ LoC
6,400+ Commits
~ 10,000 Hours

Content Management System

Content Management (Demo)

How does it work?

Data Model and Page Rendering (Demo)

Web (Application) Framework

Dynamic Elements and Data Binding (Demo)

Backend Architecture

structr-server

Jetty 

structr-rest

GSON 

structr-core

 Neo4j

ROCA

Resource-Oriented Client
Architecture

Custom Data Types (Demo)

Widgets (Demo)

User Interaction (Demo)

Summary

Hybrid between CMS and WF

Powerful REST/Websocket Backend

Fast page rendering by graph traversal

Data integration: REST, Cypher, XPath

Features

<http://structr.org/about>

Availability

1.0 Beta released shortly

Open Source (GPL/AGPL)

Commercial licenses at request

Neo4j OEM license

We need...

Feedback

Ideas

Projects

Contributors

What's Next?

Widget Store

Runtime schema definition (meta schema)

Structr as a Service (Cloud hosting)

Context-aware code editor

CMIS

WebDAV/CIFS

Thank You!