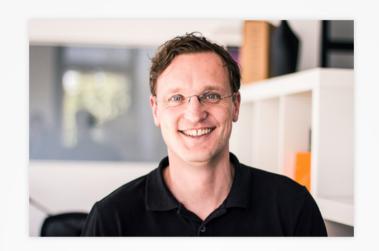
Building Graph-Based Web Applications with Structr and Neo4i



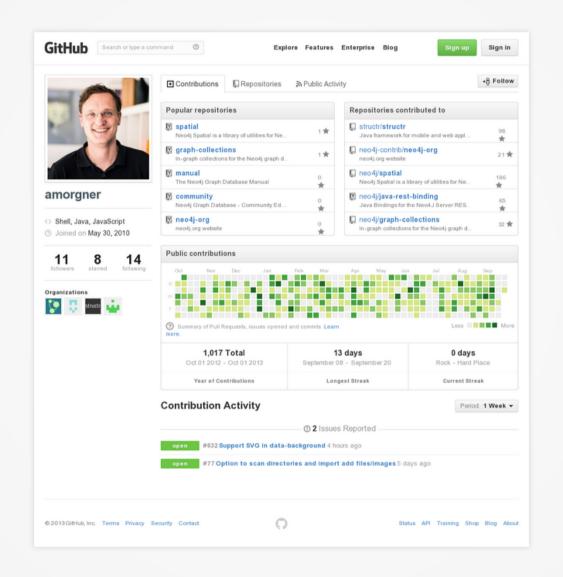
Axel Morgner

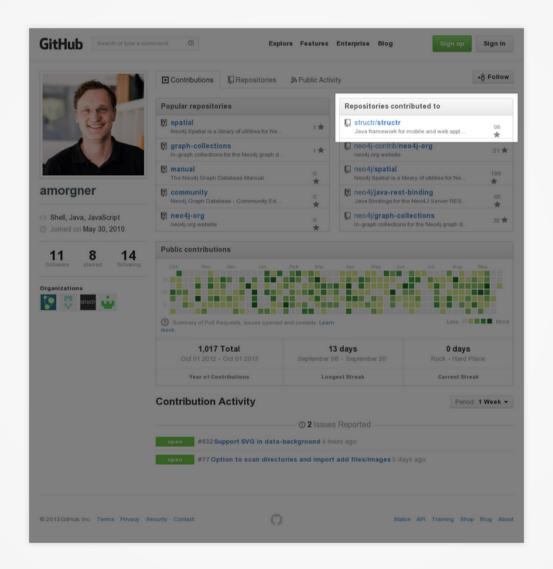
Founder & CEO of Structr

Twitter: @structr









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)

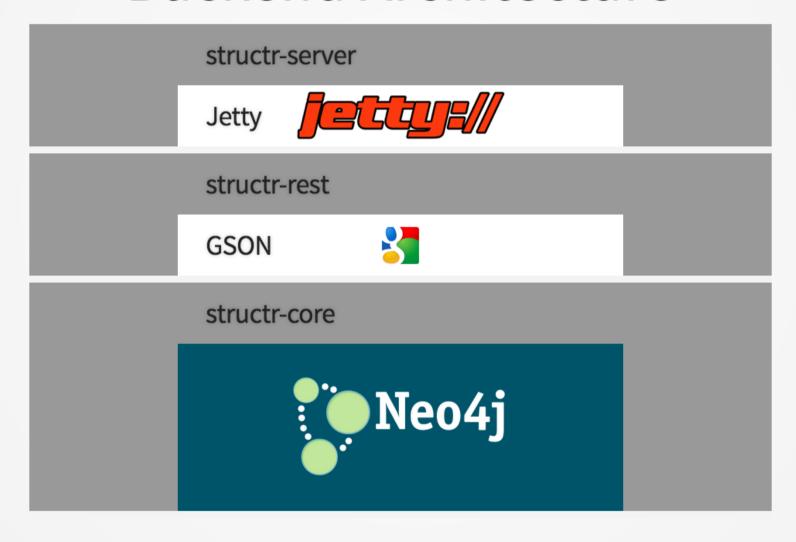
How does it work?

Data Model and Page Rendering (Demo)

Web (Application) Framework

Dynamic Elements and Data Binding (Demo)

Backend Architecture



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!