



2015

Tatami: An open source enterprise social network

Kenny Hegeland

Virginia Commonwealth University

Jeremy Narron

Virginia Commonwealth University

Kameron Spruill

Virginia Commonwealth University

Follow this and additional works at: <https://scholarscompass.vcu.edu/capstone>

 Part of the [Computer Engineering Commons](#)

© The Author(s)

Downloaded from

<https://scholarscompass.vcu.edu/capstone/18>

This Poster is brought to you for free and open access by the College of Engineering at VCU Scholars Compass. It has been accepted for inclusion in Capstone Design Expo Posters by an authorized administrator of VCU Scholars Compass. For more information, please contact libcompass@vcu.edu.

Team Members: Kenny Hegeland,
Jeremy Narron, Kameron Spruill

Faculty Advisor: Dr. Preetam Ghosh

Sponsor: Ippon USA

Sponsor Advisor: Romain Lhéritier

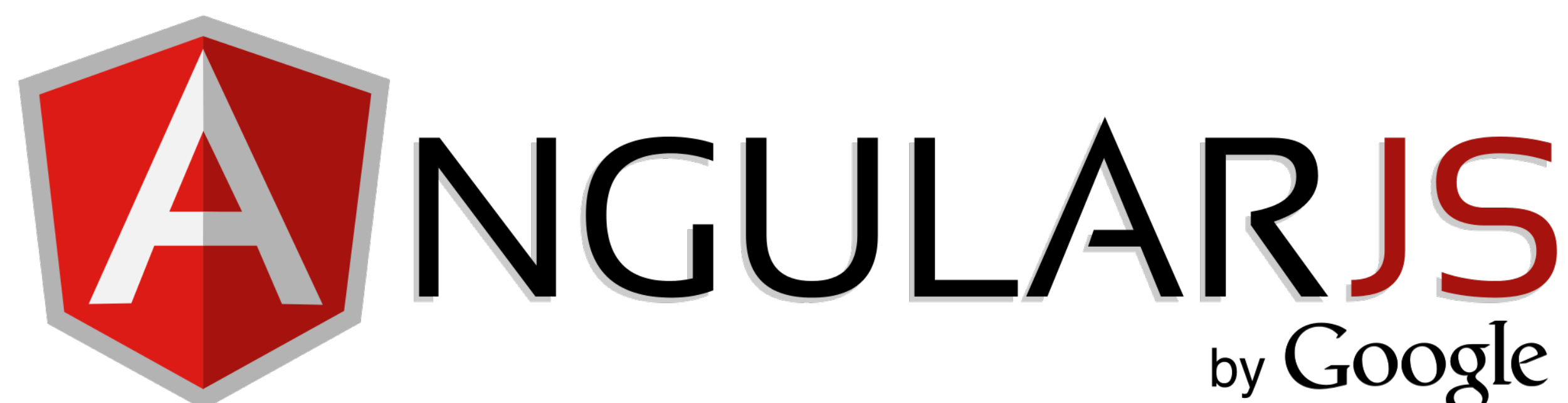


Tatami

An open source enterprise social network



The Front End



Tatami's front end was originally coded using the Backbone.js library, which can make it challenging to add and modify features. Ippon decided to have it rewritten using the AngularJS web application framework, which fixes the previously mentioned problems.

Tatami also uses responsive design, allowing it to be easily used on computers, tablets, and mobile devices.

What is Tatami?



<https://github.com/ippontech/tatami>

Tatami is an open source enterprise social network created by Ippon, a consulting and software design company with offices in France and the USA. Any company can install Tatami, allowing its employees to communicate in a Twitter-like fashion. Self-hosting Tatami also lets a company retain ownership of its data, keeping it out of the hands of third parties.

#TryItOut

One computer is running the old version of Tatami and the other is running the latest version of Tatami with all of our changes.

Feel free to give them a try!

The Back End



Technology moves fast, so Tatami was a bit out of date in the back end as well. We rewrote all database related Java code to work with the latest recommended version of Cassandra, the chosen NoSQL database software for Tatami. Cassandra allows for high scalability, so Tatami can handle activity from even the largest companies.

The front end consumes a RESTful API provided by the Spring Framework running on the Java platform.



VCU School of Engineering

Make it real.