

The 'Please Touch' Internet



Brian McCallister

Emerging Technology for the Enterprise, '07

Why?

1.1 Billion

398 Million

334 Million

314 Million

Cheap Hardware

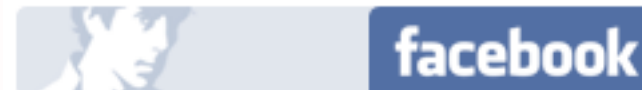
Cheap Bandwidth

Cheap Development

Cheap Marketing

Cheap Capitol

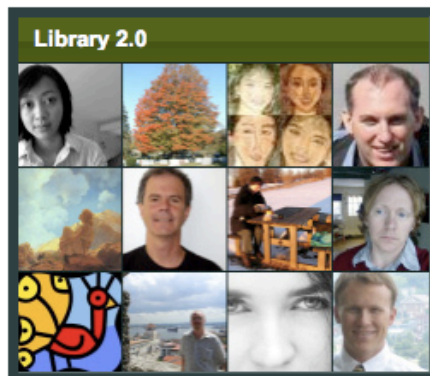
Social Web 2.0



Social Web 2.0



Social Web 2.0



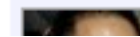
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[seconds ago](#) from web



[gergi](#) watching tv



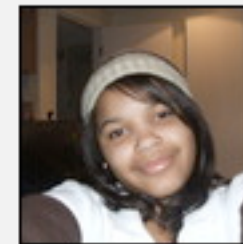
[mortanius](#) Flipa



[im](#) testing



[<CheekyDarkie>](#)



[<---FLASHBOX-->](#)

[com](#) Oka
[10 seconds](#)



[AirSpiel](#)
[<airspiel>](#)



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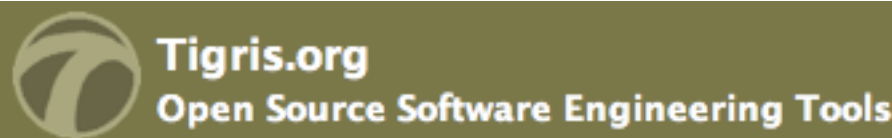
[<grace6844>](#)



[<shaquan](#)
[s-man172>](#)

[roome](#) In
s safety...

The Early Adopters



Brian's Waste of Time

Sat, 24 Mar 2007

Containers and Lifecycles

I've been playing with [Guice](#), and to [repeat](#) myself, [Bob](#) and [Kevin](#) know how to write a clean client API, that is for sure :-). In terms of IoC/DI/Flooflah I think Guice has finally knocked Pico out for elegance. Spring does DI, and is fantastic [as a library](#), but I have never liked its dependency resolution options and how it functions container-wise.

Looking at Guice I did run into the thing most folks latched on to immediately, it has no lifecycle hooks! Egads, how shall we live! This actually matters as almost everything I do, lately, is multithreaded and embarrassingly concurrent, though. Because of the oddities of the Java Memory Model, simple lifecycle hooks are awfully useful -- just a start/stop is enough, really. You can work around it by having bootstrapping classes, but... yuck. Anyway, I digress.

Then the obviousness of it smacks me upside my head -- lifecycle crap is orthogonal to dependency resolution, we have just gotten used to seeing them bundled together. So I started futzing with non-sucky ways to do lifecycles outside the container.

Lifecycle events are just events, and despite the trend away from it, I think first-class events trump implicit events. This means you pass the event to an event listener rather than have a no-arg method invoked. Heresy, probably, but oh well. So what is an event? Well, crap, really there is no reason to restrict it, so an event is any Java object.

Java's lack of closure support makes for craploads of one-method interfaces as event listeners. This is idiommatic, and frequently idiommatic is good as it reduces the number of concepts you have to understand to learn something new, but I always find it annoying. Spring and other containers have been pushing folks towards having the classes which would register lifecycle listeners just *be* the listener (via the no-arg method), so that heresy has already gained some traction. Bah, go with it. We can dispatch events based on annotating a method as an event listener and use the argument type to match which events it cares about. So, stab #1:

```
public class EventBus
{
    private final List<Object> listeners = new CopyOnWriteArrayList<Object>();
```

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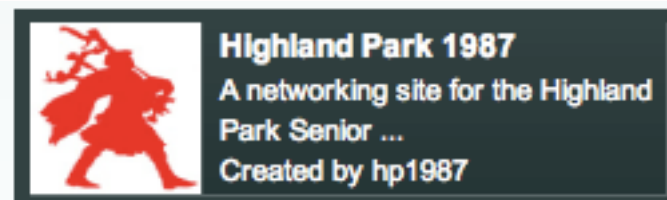
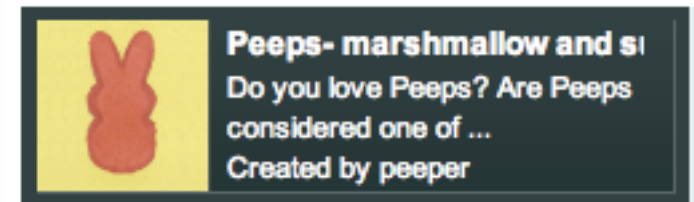
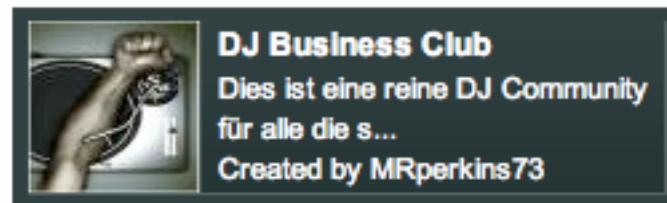
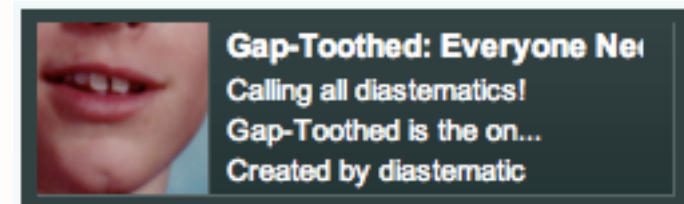
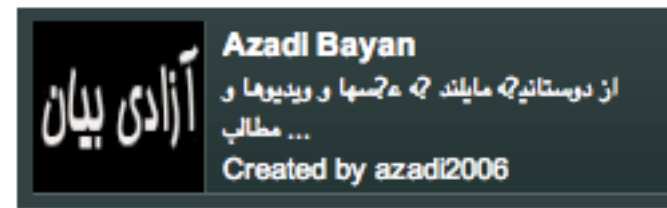
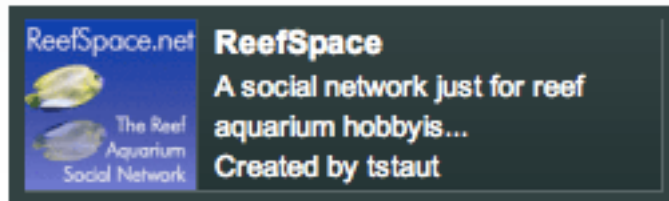
Nirav's Contemplations

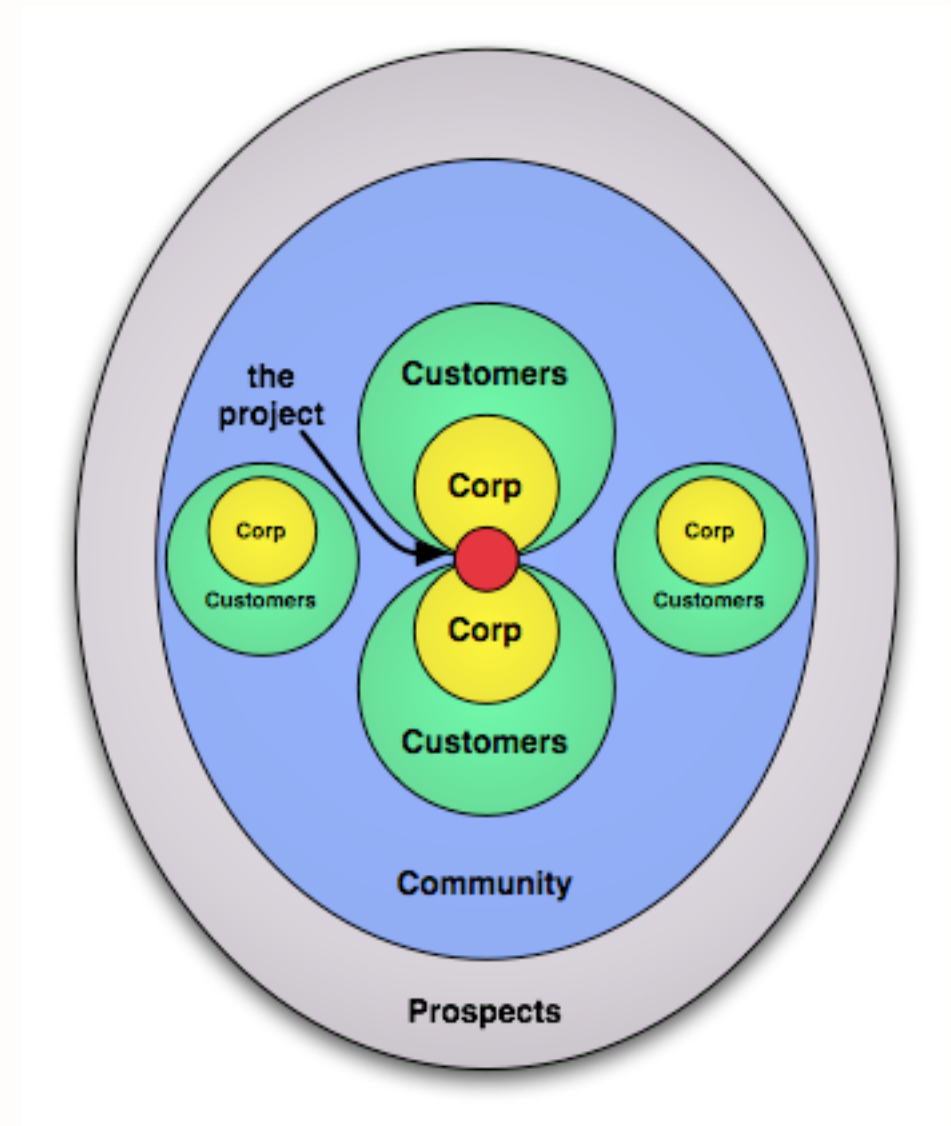
Details | By [Nirav Thaker](#) | 27-Mar-07 14:26

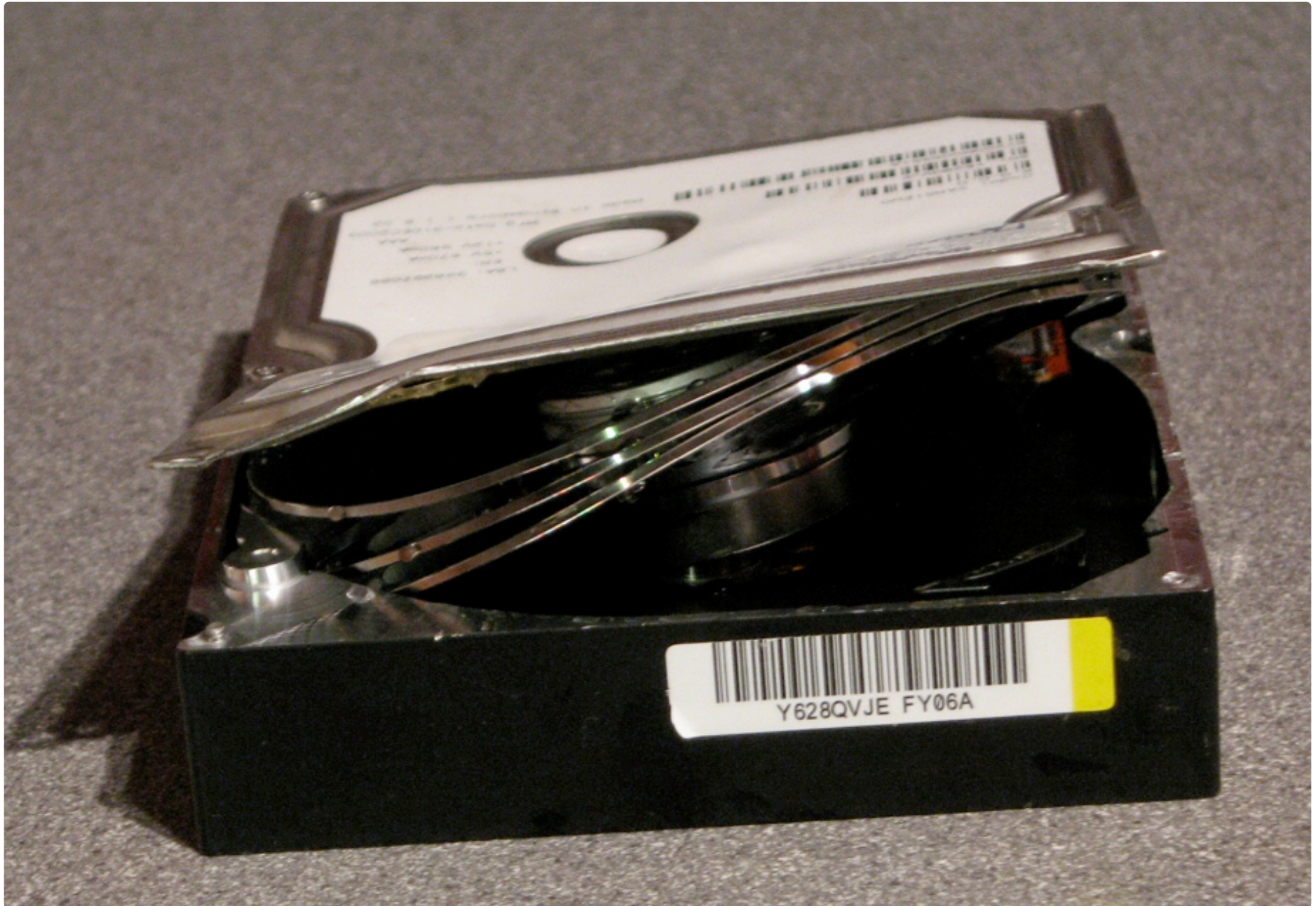


Thoughts on General Programming, Java, Eclipse and Open Source Software development.

Early Majority





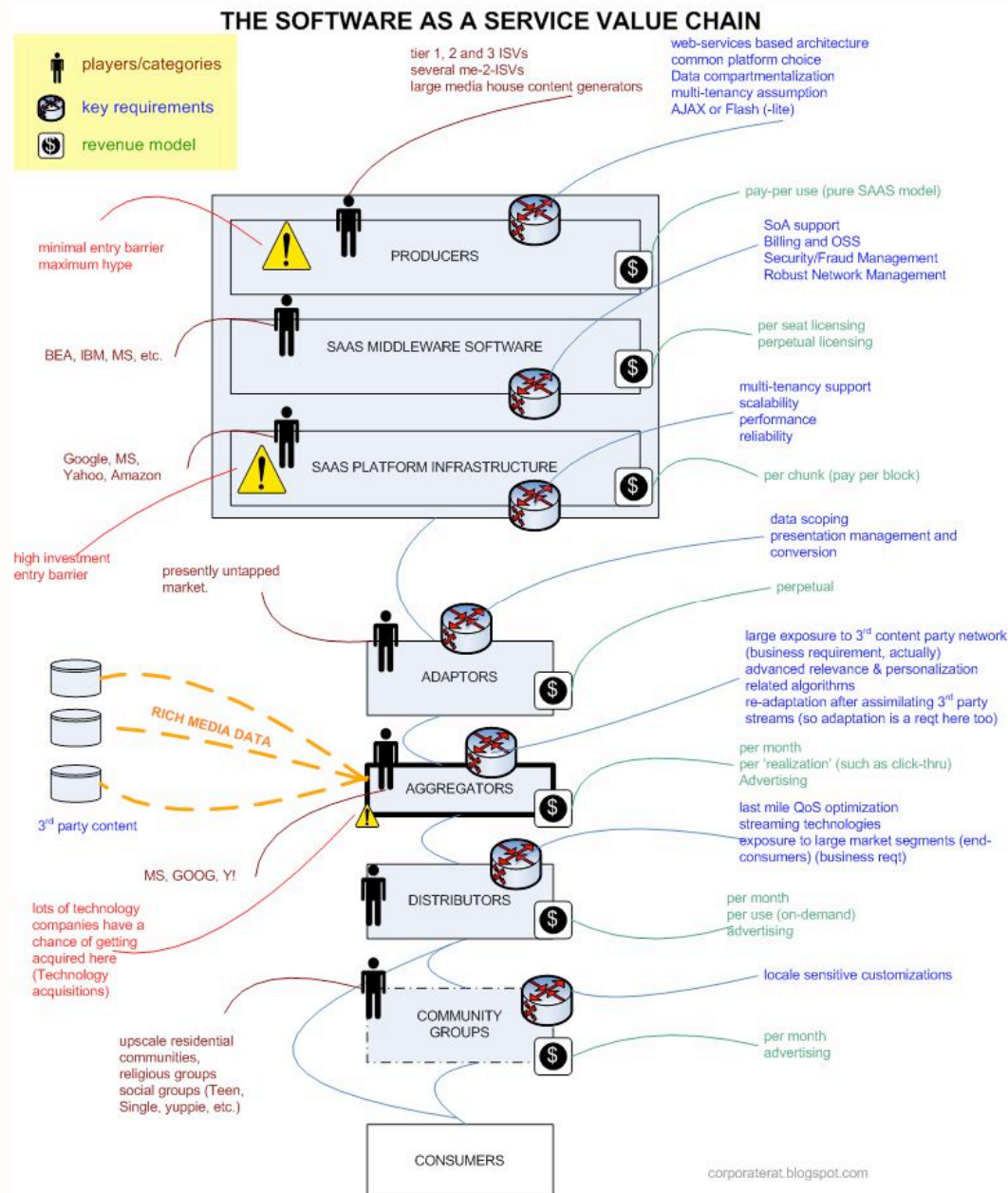


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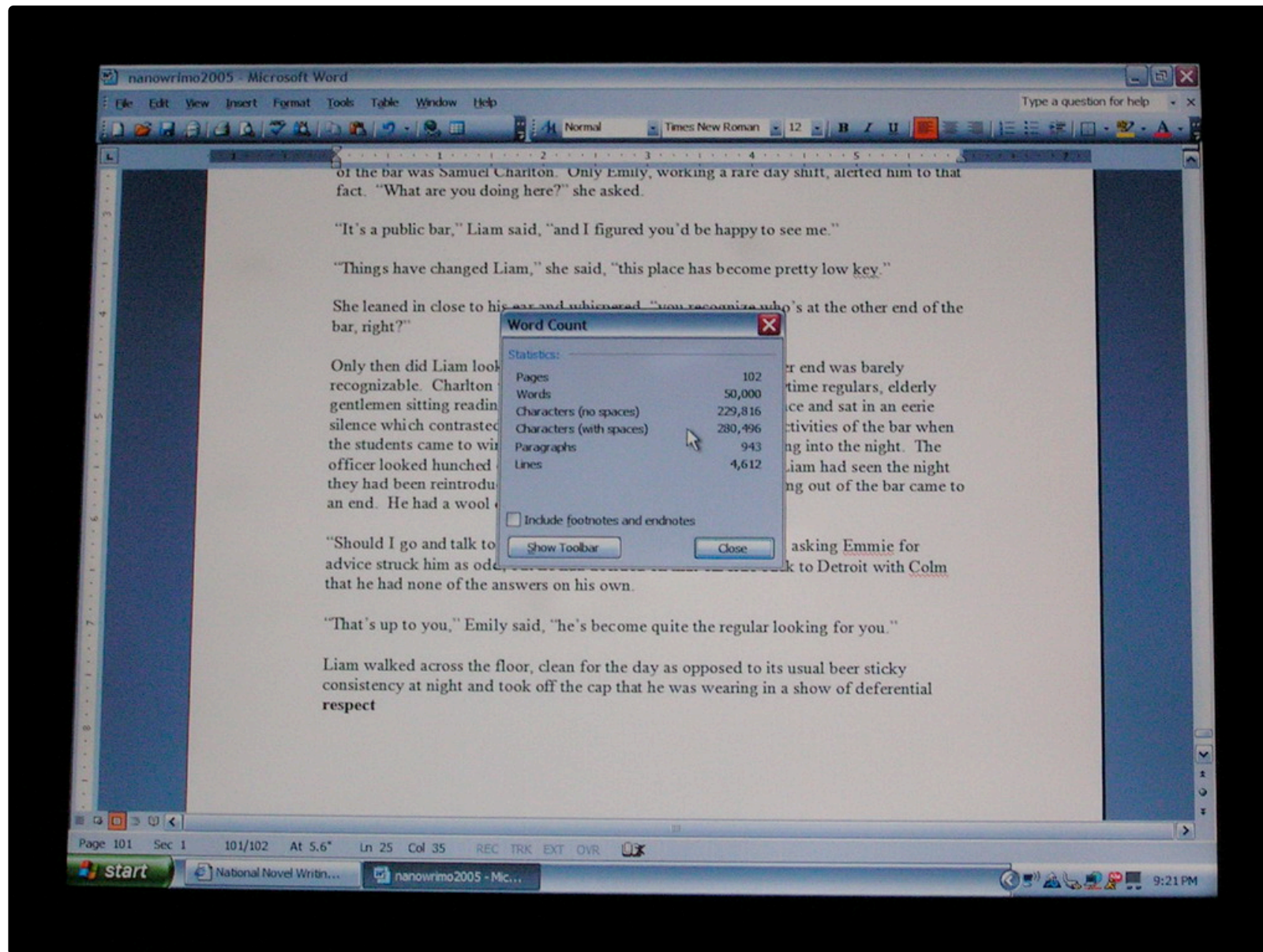
What?

Collaboration
Content
Community

Software as a Service



Word on the Web



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Shake your tail feather!

Open Source stories tend to be focused around big, established and famous projects. Enough of HTTPd, Tomcat and Struts: there's much more to Open Source than just the big guys! The Open Source treasure trove is full of hidden gems, libraries, utilities and snippets that make developers' lives easier and provide important functionality, and Apache is no exception. This talk is all about the small stuff coming from the ASF that shaves so many hours off development time and improves productivity by orders of magnitude, yet never manages to find its way into conferences.

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Though the term suggests a new version of the Web, it does not refer to an update to [Internet](#) or [World Wide Web](#) technical standards, but to changes in the ways those standards are used. According to [Tim O'Reilly](#) "Web 2.0 is the business revolution in the computer industry caused by the move to the internet as platform, and an attempt to understand the rules for success on that new platform."^[2]

Some technology experts, notably [Tim Berners-Lee](#) have questioned whether the term is meaningful, since many of the technology components of "Web 2.0" have been present since the creation of the [World Wide Web](#).^[3]

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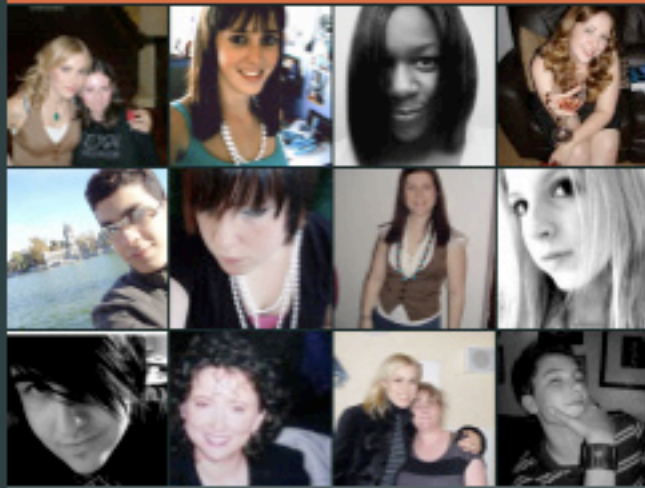
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Ning

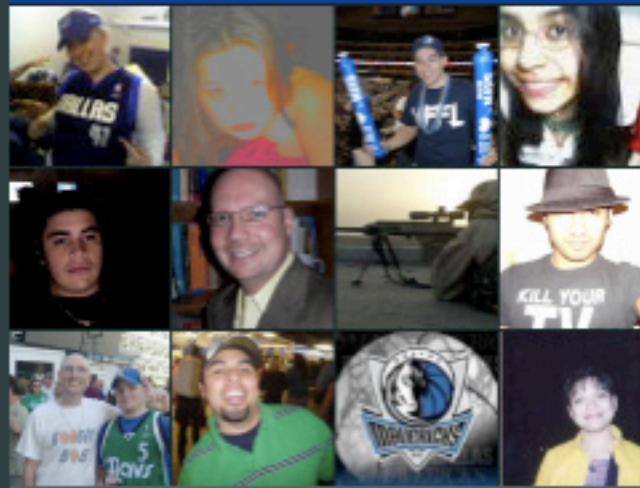
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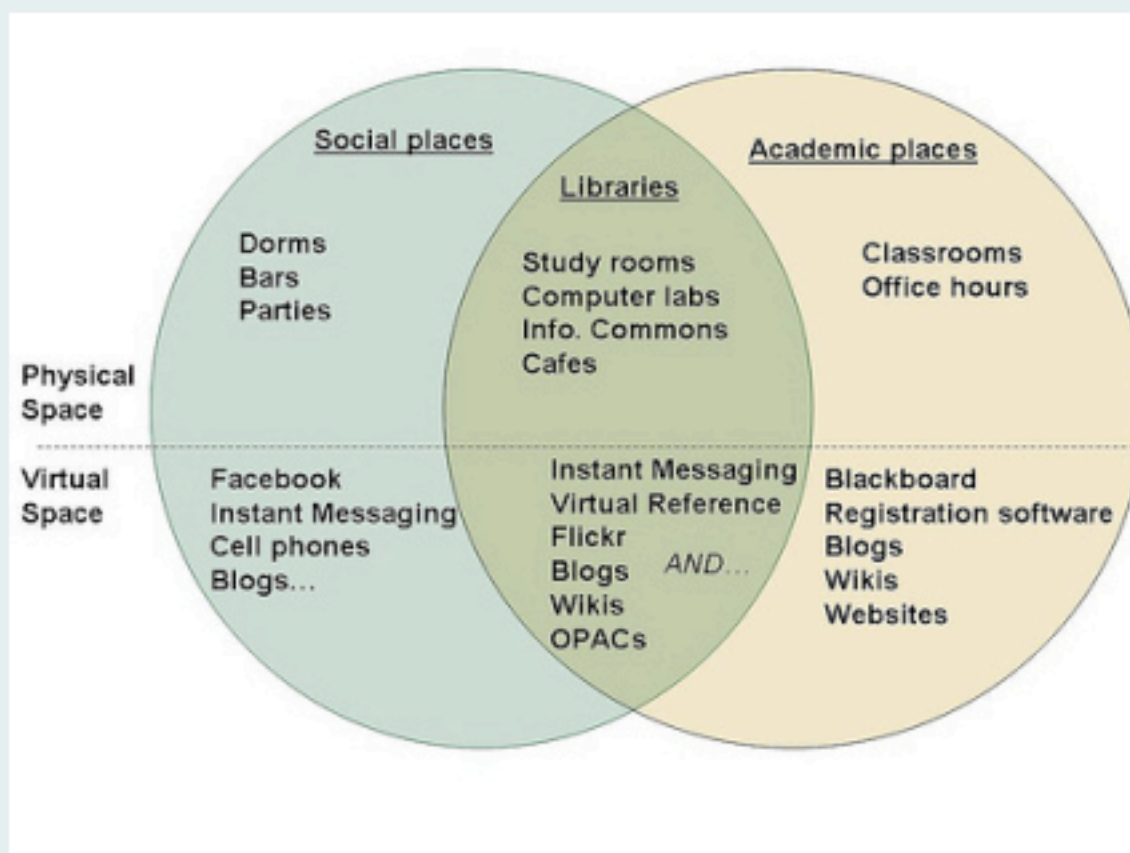


Brian McCallister (brianm)

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Academic Library 2.0 Concept Model Basic v2



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- Comments: 2
- This photo is a favorite of 2 people.
- Who can view this photo? Anybody

Academic Library 2.0 Concept Model Basic v2



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Separate multiple addresses with commas

Subject

Check out this photo: "Academic Library"

Message

I just found this cool photo, and I think you'll like it. Check it out.

Cancel

Send

Tags: [library20](#), [academiclibr...](#), [academiclibr...](#), [web20](#)

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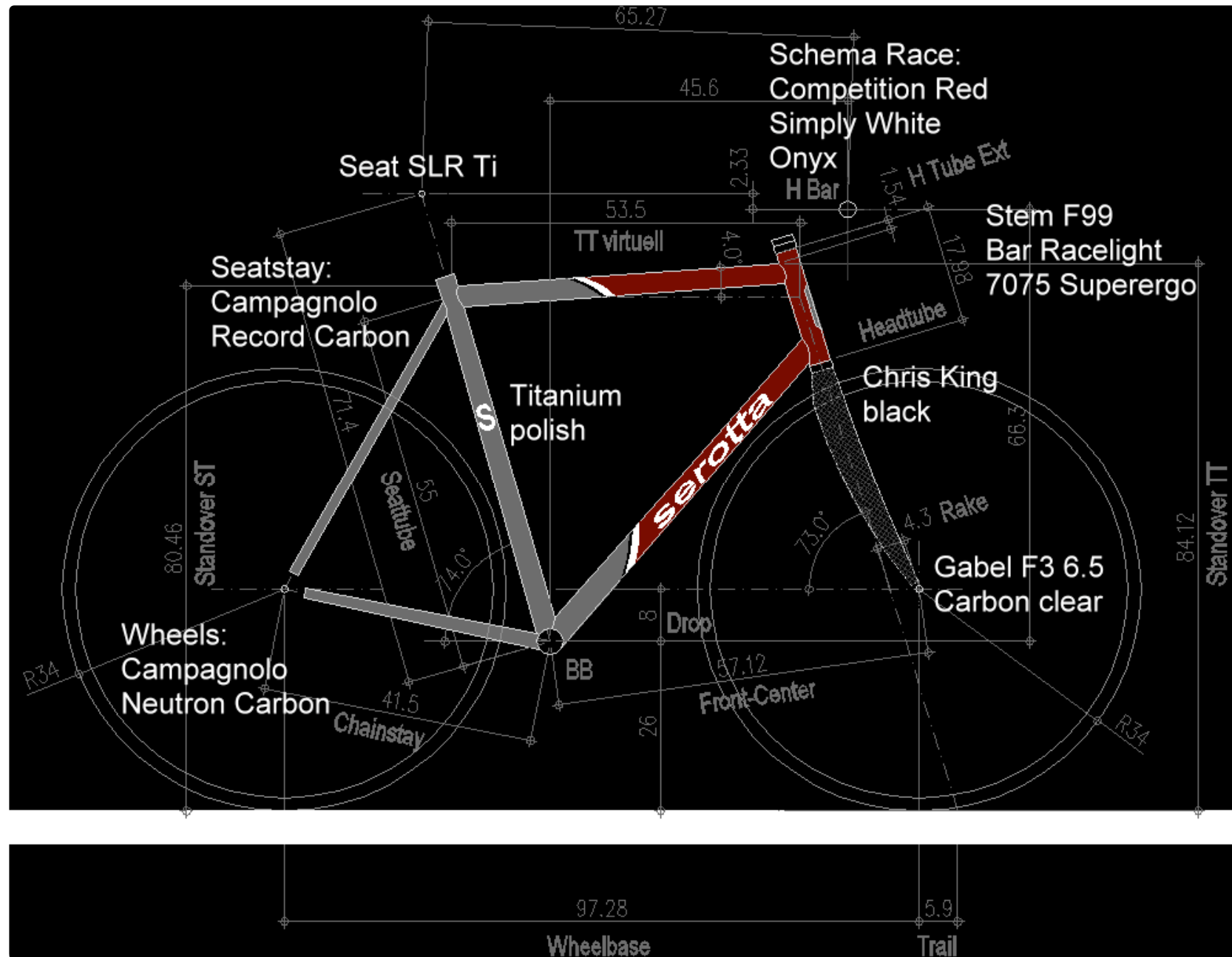
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Community and Connections First

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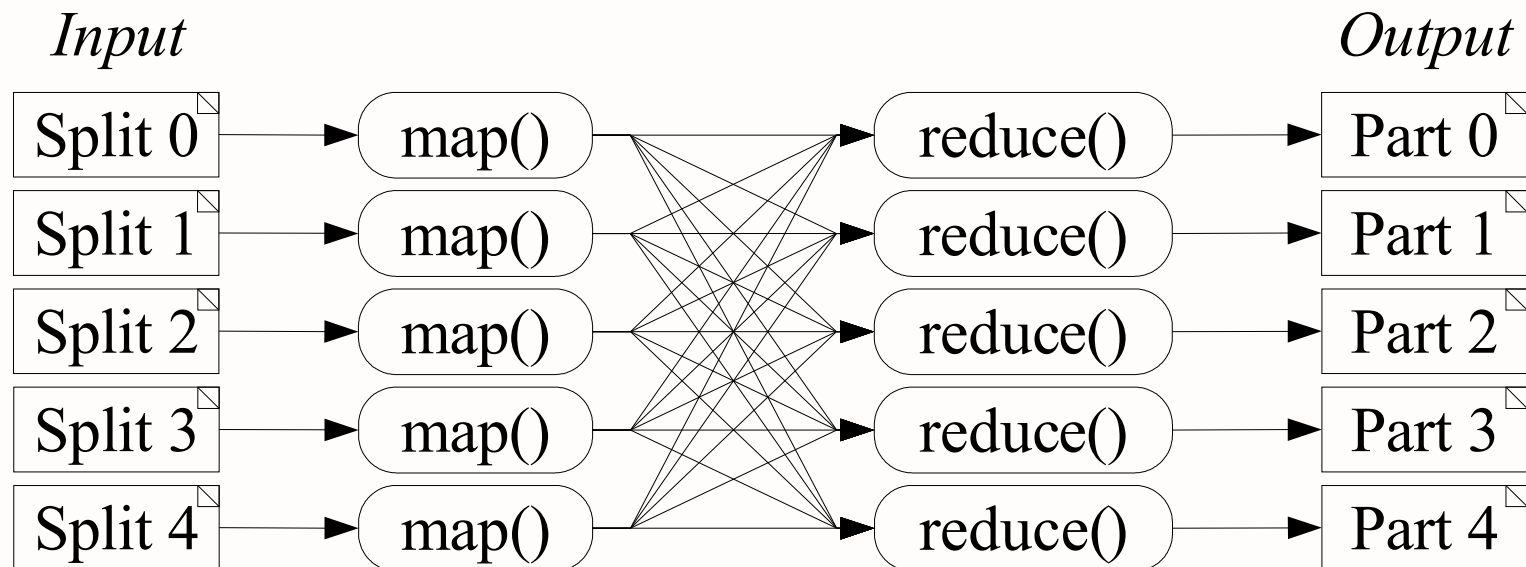


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```
GET /use/http HTTP/1.1
Host: phillyemergingtech.com
Connection: close
Cache-Control: max-age=0
```

MapReduce Diagram



(c) Doug Cutting, "MapReduce in Nutch"

<http://wiki.apache.org/nutch-data/attachments/Presentations/attachments/mapred.pdf>



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What's News—

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As of 10:32:00 PM EDT Wed, March 28, 2007

■ **GONZALES'S FORMER DEPUTY** plans to tell Congress that eight federal prosecutors were fired because they didn't sufficiently support Bush's priorities. ([Prepared testimony](#)) 7:04 p.m.

• **Washington Wire:** [More Emails](#), [More Details](#)

* * *

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2052

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[15 Javascript Snippets You Can't Live Without](#)



[ratpack](#) submitted, made popular **21 hours 2 min ago** ([www.igglo.co.uk](#))

"You either love Javascript or you hate it. Either way it can provide great functionality that users love. And it doesn't have to affect usability. Here are my top 15 Javascript snippets for making great sites that bit extra special." [More...](#)

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901

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[Underrated Web 2.0 Search Engine](#)



[ConceptualMind](#) submitted, made popular **1 day 20 hours ago** ([www.younanimous.com](#))

This search engine grabs results from Google, Yahoo, and MSN. It also allows you to develop your own widgets and algorithms based on your searches. You can put weight into domain age, Alexa rank, del.icio.us links, and even whether or not it hit the Digg front page. [More...](#)

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In House



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Glassfish Blogs

Something Weird Happening at Sun



Arun's [TSSJS Day 3](#) reports on an instant poll taken by Joe. To the question: "*How satisfied are you with Sun?*", the answer was:

Very satisfied- 20%

Somewhat satisfied- 48%

Neutral- 23%

Somewhat dissatisfied- 6%

Very dissatisfied- 3%

This is very positive, specially for [TSSJS](#) as it tends to be a Sun-skeptical crowd. Joe even said that "*There is something weird happening at Sun*", talking in a positive tone about Sun's support for PHP, JRuby and other scripting languages.

Posted at 2007-03-27 23:00:00.0 from Sun Blog Entries tagged 'glassfish'

Article on Introducing PetStore 2.0



You are seeing a picture of a cluttered, busy looking, open-plan startup office with frazzled looking developers who fit that stereotype.

Think laptops with stickers and Indy looking people with IV coffee drips.

(Keynote needs revision control)



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The 'Please Touch' Internet



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Emerging Technology for the Enterprise, '07