The 'Please Touch' Internet

Brian McCallister

Emerging Technology for the Enterprise, '07

Why?

1.1 Billion

398 Million

334 Million

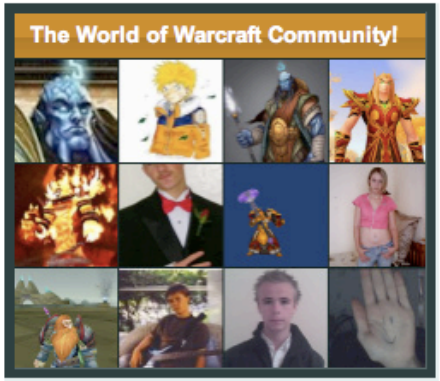
314 Million

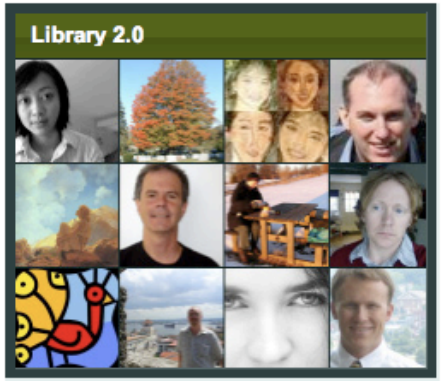
Cheap Hardware
Cheap Bandwidth
Cheap Development
Cheap Marketing
Cheap Capitol

Social Web 2.0

Social Web 2.0

Social Web 2.0

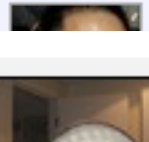




bullemhead nec
seconds ago from web

gergi watching tv

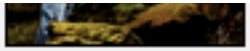
mortanius Flipa



uim testing

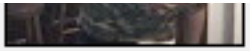
ncom Oka
10 seconds

roome In
s safety...



AirSpiel
<airspiel>

Orson
<Orson>



<--FLASHBOx-->

<CheekyDarkie>

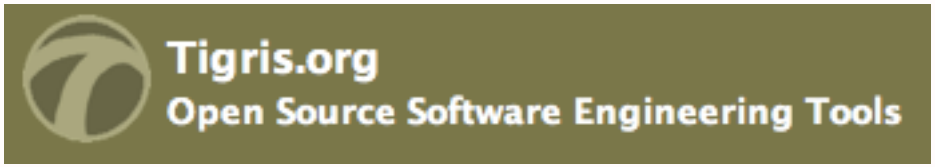
<---mZmONA--->

<-SexyV->

<grace6844>

<shaquan
s-man172>

The Early Adopters



Brian's Waste of Time

Search...

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.

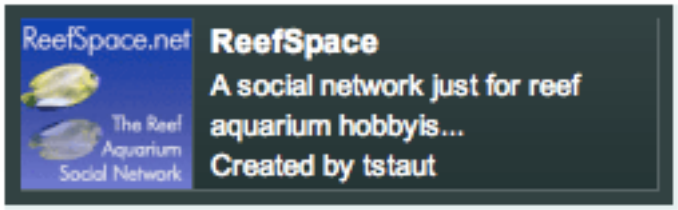
Lifecycle events are just events, and despite the trend away from it, I think first-class events trump implicit events. This means you pass the event to an event listener rather than have a no-arg method invoked. Heresy, probably, but oh well. So what is an event? Well, crap, really there is no reason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

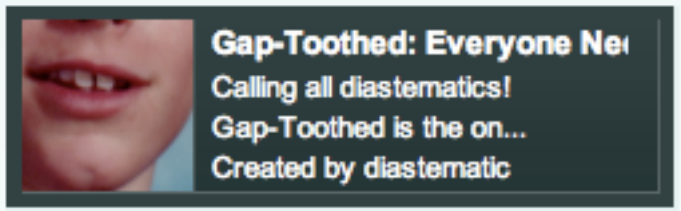
Java's lack of closure support makes for craploads of one-method interfaces as event listeners. This is idiommatic, and frequently idiommatic is good as it reduces the number of concepts you have to understand to learn something new, but I always find it annoying. Spring and other containers have been 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:

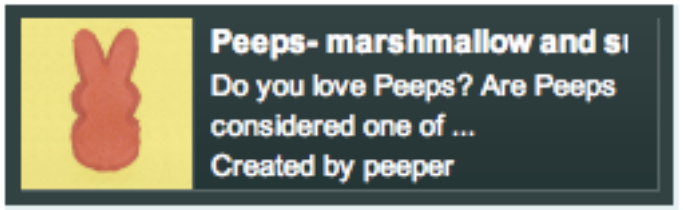
```
public class EventBus
{
    private final List<Object> listeners = new CopyOnWriteArrayList<Object>();
```

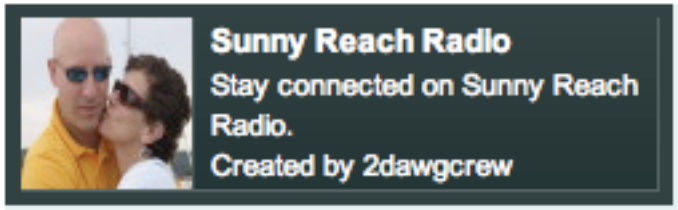
http://javablogs.com/

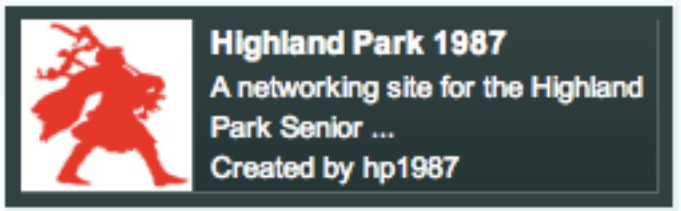
Early Majority

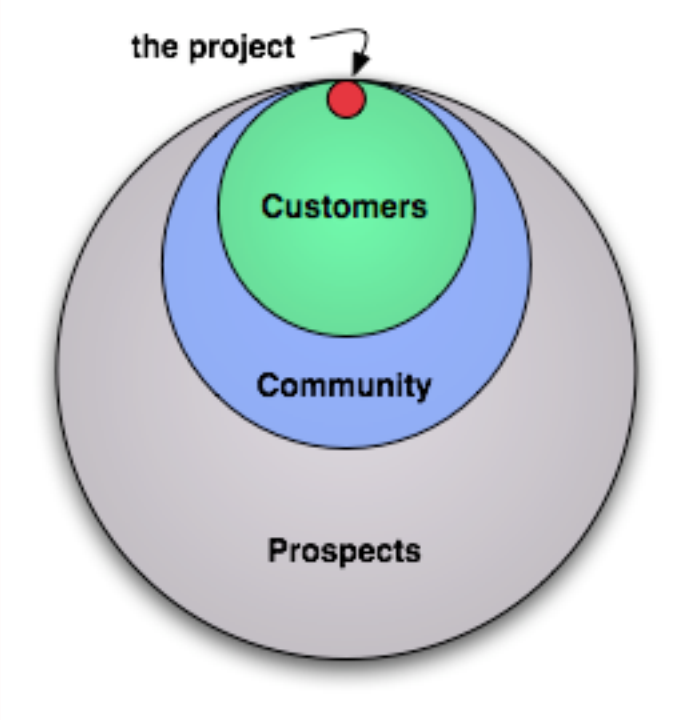


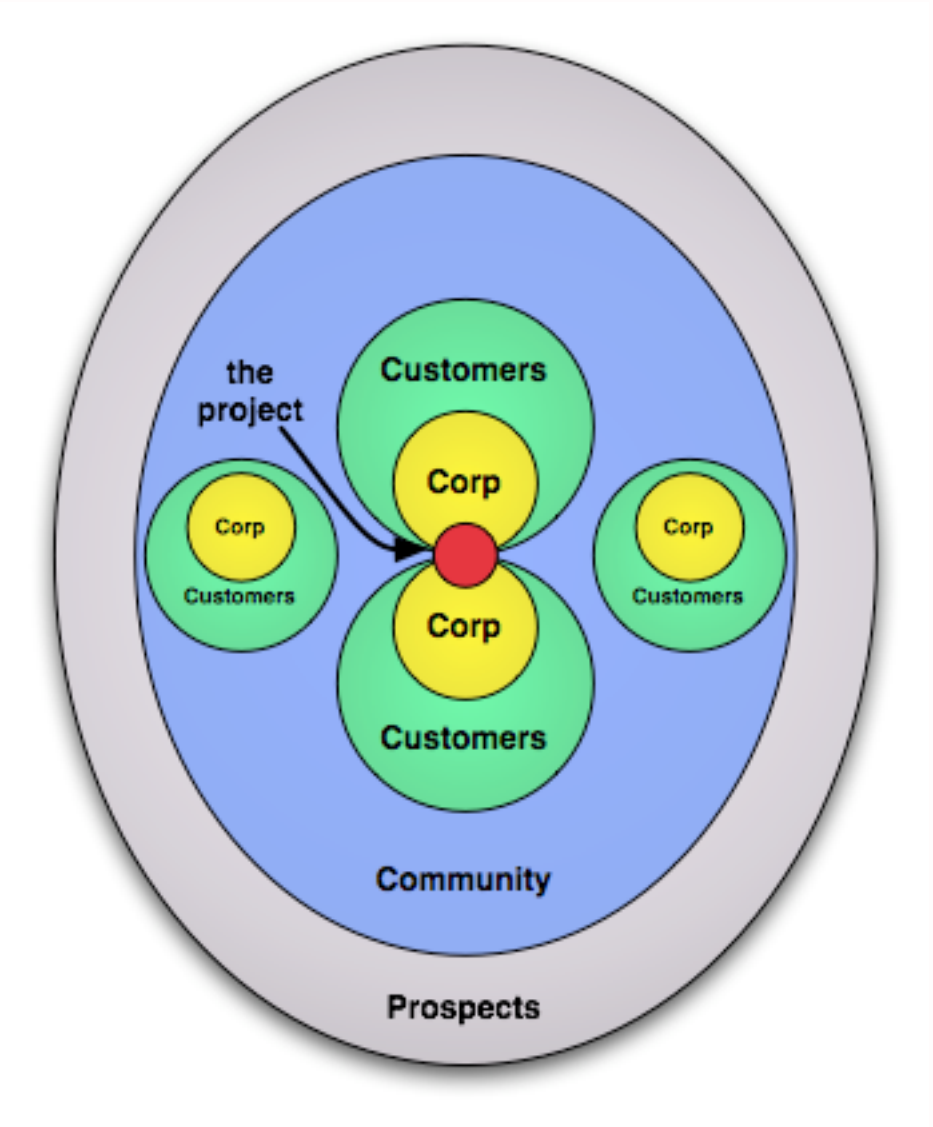




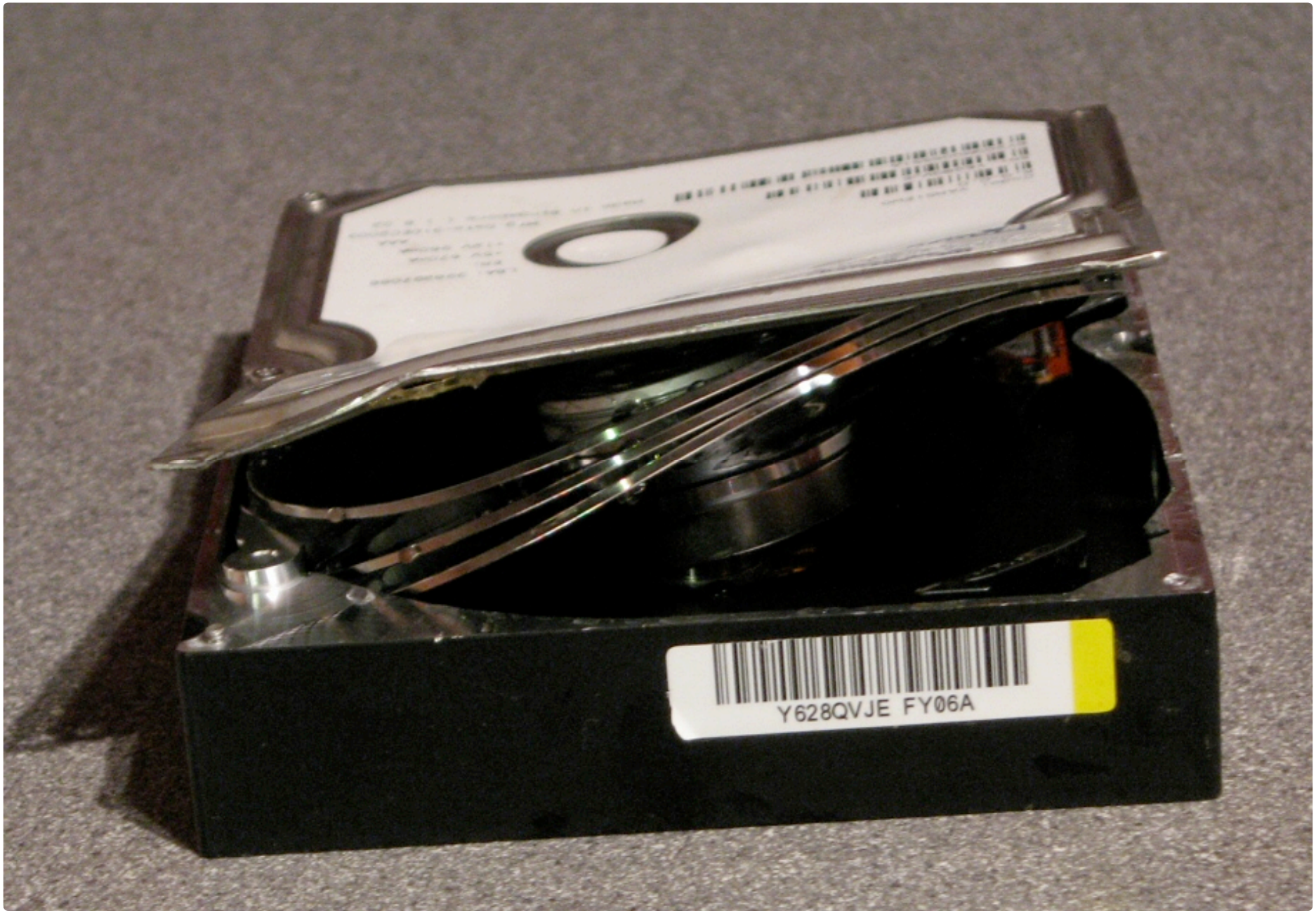








(c) Bob Mcwhirter – http://www.fnokd.com/

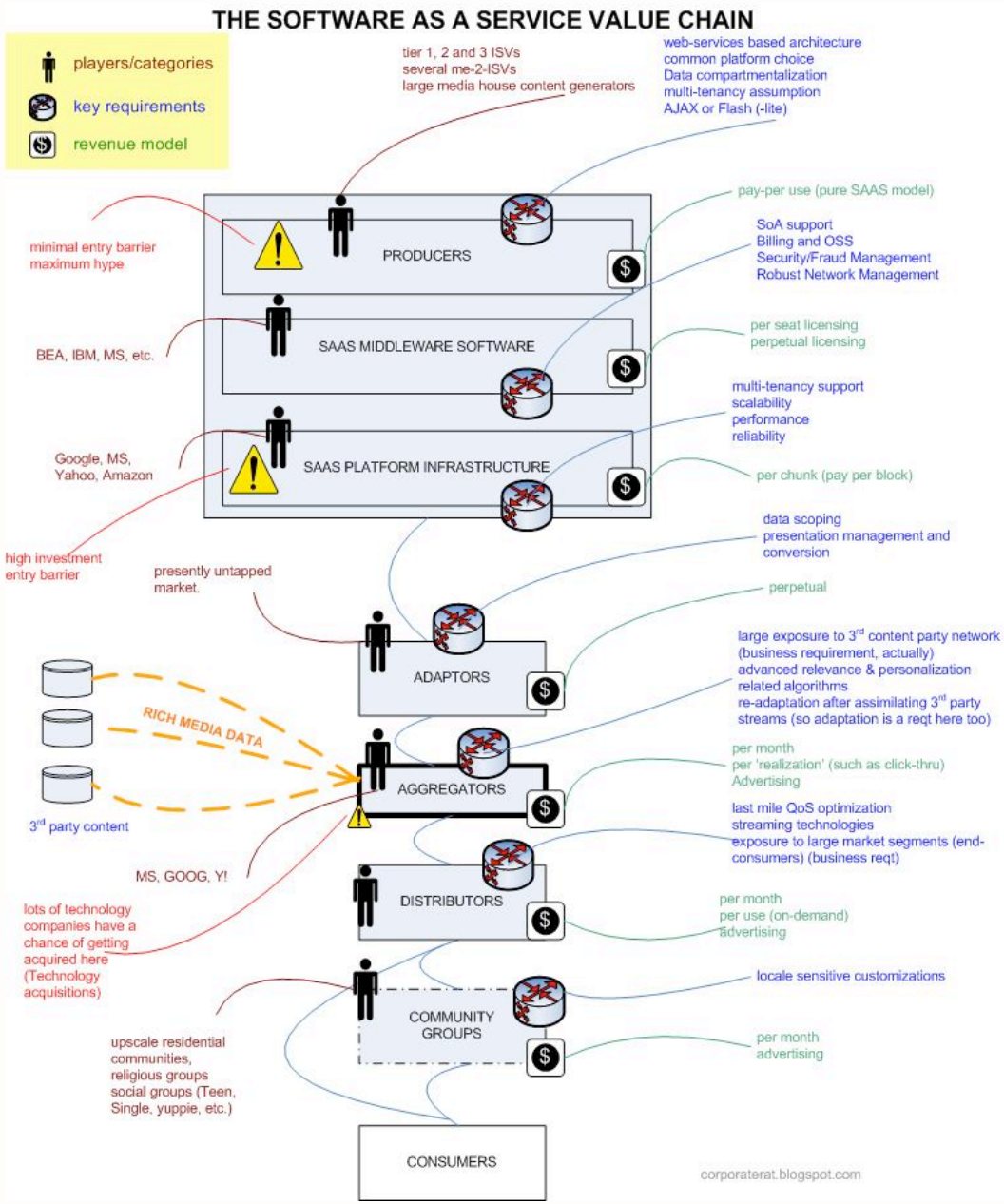


(c) Stinging Eyes - http://flickr.com/photos/martinlatter/299981441/

What?

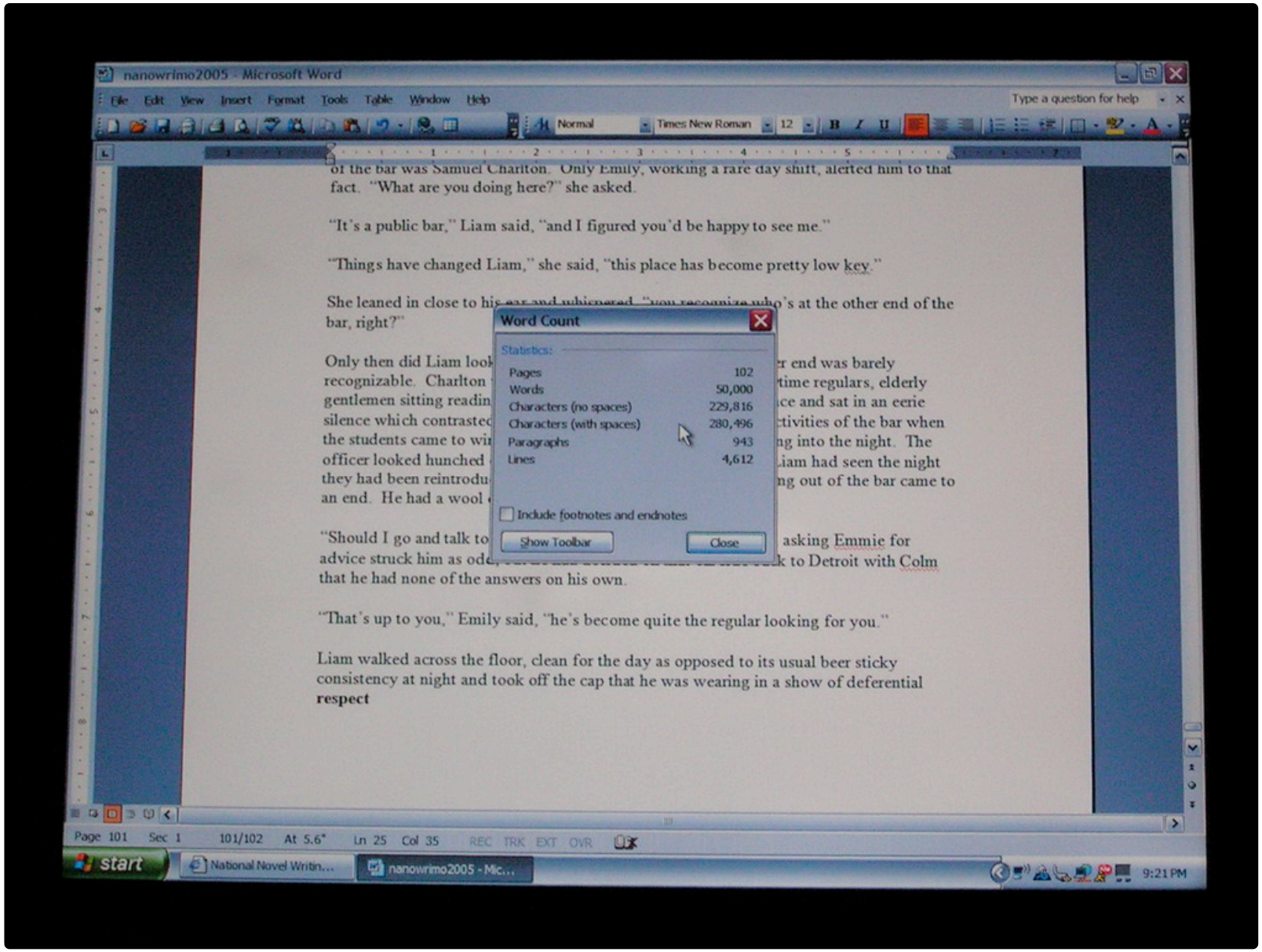
Collaboration
Content
Community

Software as a Service

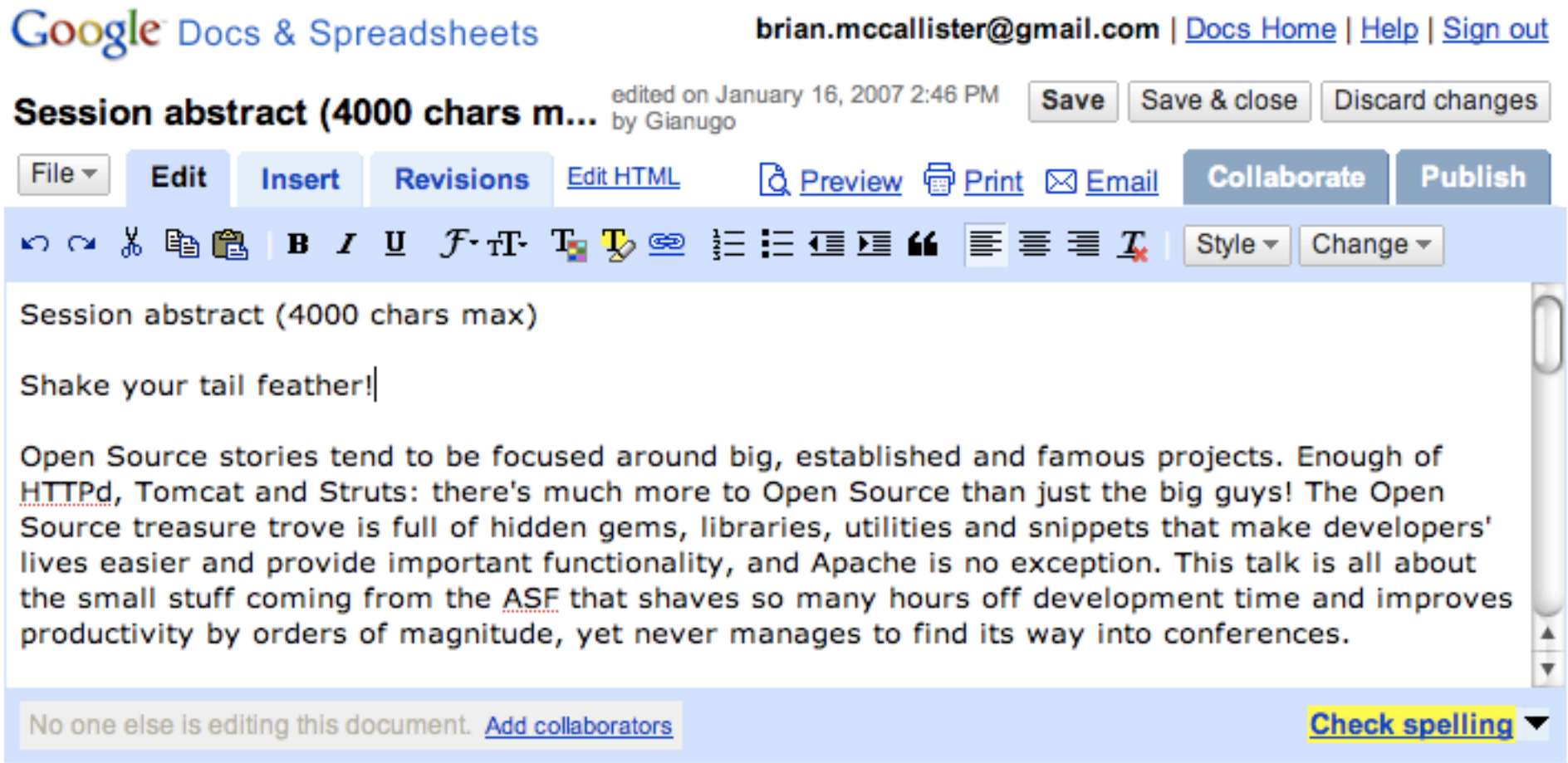


(c) Arjun Roychowdhury and Sunil Veluvali http://corporateat.blogspot.com/

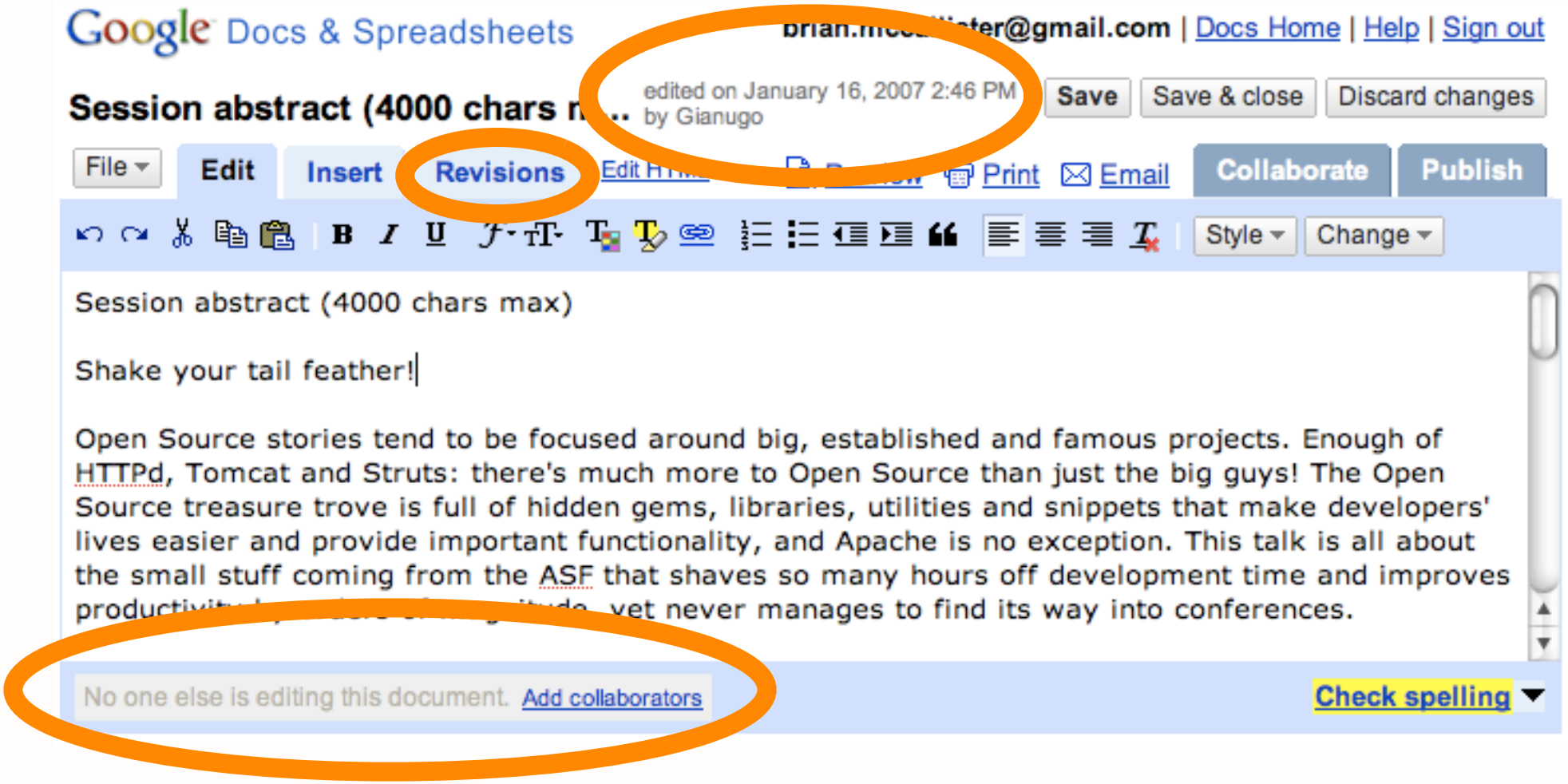
Word on the Web



Google* Did It



Google* Did It



In Support of...

Learn how Google Apps can benefit your...

Small Business	Enterprise	School	Family or group
Learn more	Learn more	Learn more	Learn more

http://www.google.com/a/

WIKIPEDIA

English
The Free Encyclopedia
1 706 000+ articles

Deutsch
Die freie Enzyklopädie
562 000+ Artikel

Français
L'encyclopédie libre
466 000+ articles

Polski
Wolna encyklopedia
362 000+ haseł

日本語
フリー百科事典
346 000+ 記事

Nederlands
De vrije encyclopedie
284 000+ artikelen

Italiano
L'enciclopedia libera
278 000+ voci

Português
A enciclopédia livre
247 000+ artigos

Svenska
Den fria encyklopedin
218 000+ artiklar

Español
La enciclopedia libre
216 000+ artículos

http://www.wikipedia.com/

article | discussion | edit this page | history

Your continued donations keep Wikipedia running!

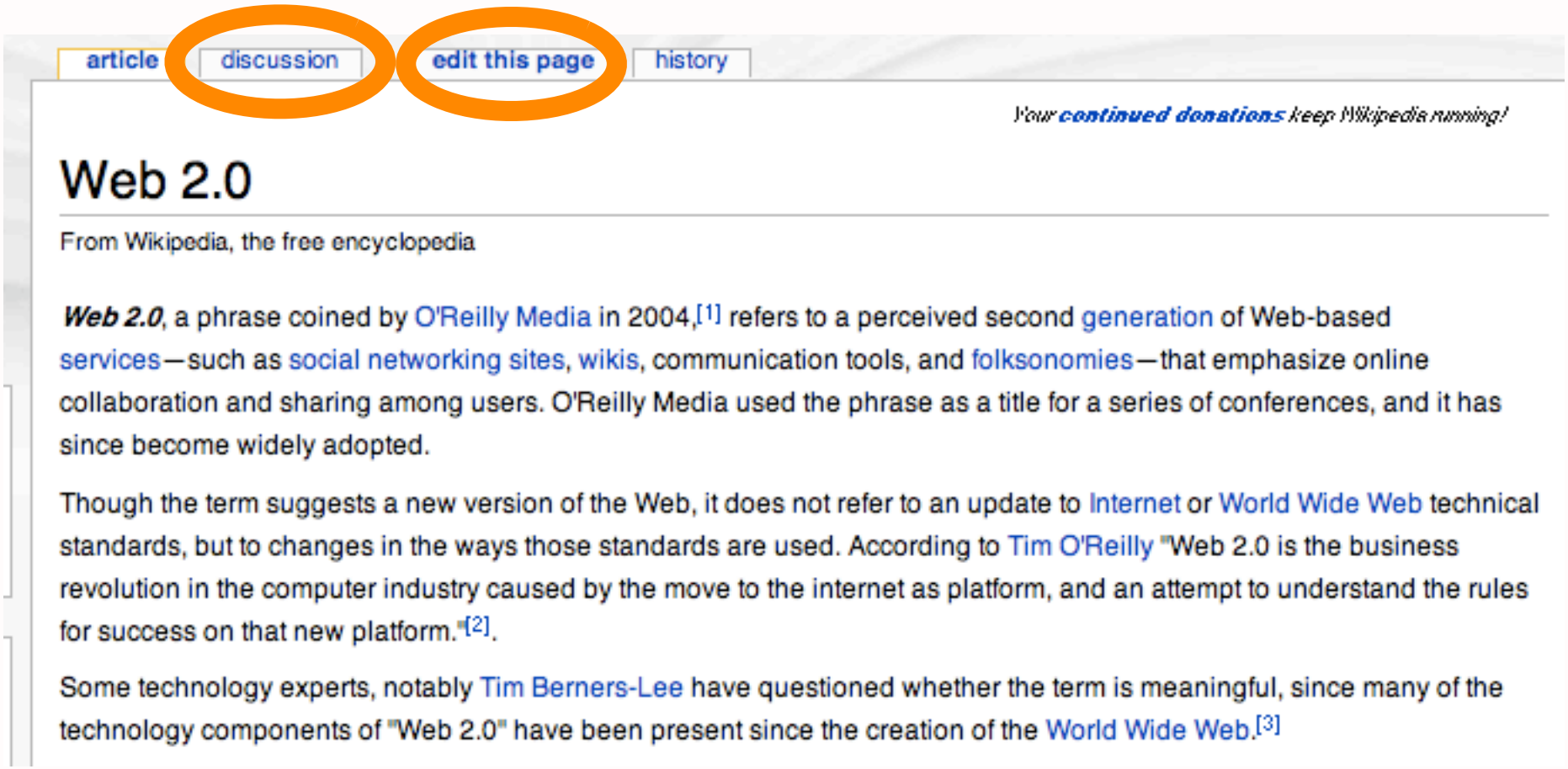
Web 2.0

From Wikipedia, the free encyclopedia

Web 2.0, a phrase coined by O'Reilly Media in 2004,[1] refers to a perceived second generation of Web-based services—such as social networking sites, wikis, communication tools, and folksonomies—that emphasize online collaboration and sharing among users. O'Reilly Media used the phrase as a title for a series of conferences, and it has since become widely adopted.

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]


article
discussion
edit this page
history
Your continued donations keep Wikipedia running!
Web 2.0
From Wikipedia, the free encyclopedia
Web 2.0, a phrase coined by O'Reilly Media in 2004,[1] refers to a perceived second generation of Web-based services—such as social networking sites, wikis, communication tools, and folksonomies—that emphasize online collaboration and sharing among users. O'Reilly Media used the phrase as a title for a series of conferences, and it has since become widely adopted.
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]

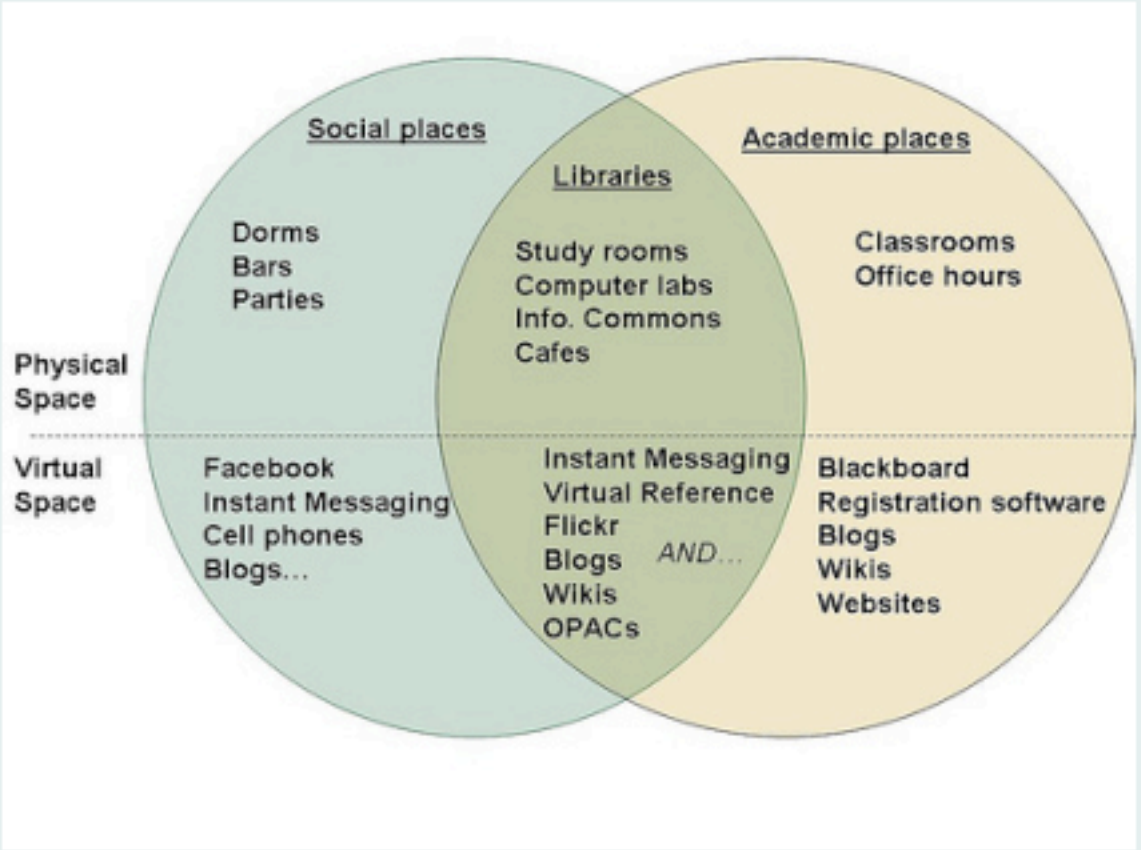
~~User Generated Content~~

Web Mediated Communication

http://www.ning.com/

Academic Library 2.0 Concept Model Basic v2

Add to Albums | All Sizes



Tags: library20, academiclibr..., academiclibr..., web20

Rate This Photo!

Michael C. Habib's Photos view photos »

« Previous Next »

About This Photo

Added **Mar 1** by:

Michael C. Habib
view photos »
Send a Message
Is Your Friend

- **Views:** 14
- **Rating:** ★★★★★ after 1 vote
- **Comments:** 2
- This photo is a **favorite** of **2 people**.
- **Who can view this photo?** Anybody

Academic Library 2.0 Concept Model Basic v2

Add to Albums | All Sizes

Share with Friends

Invite your friends to join your social network and see this photo.

E-mail

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

Rate This Photo!

Michael C. Habib's Photos view photos »

« Previous Next »

About This Photo

Added **Mar 1** by:

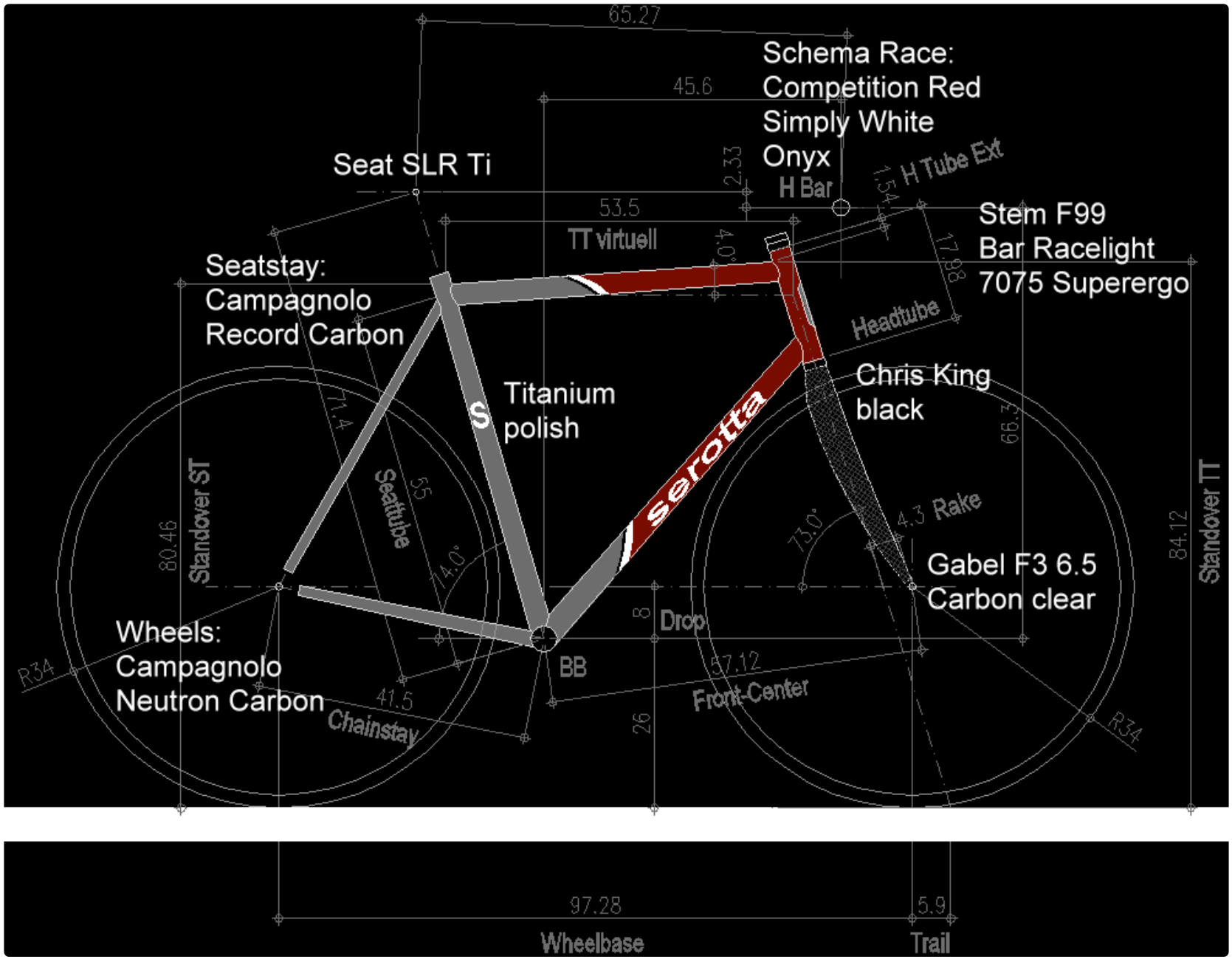
Michael C. Habib
view photos »
Send a Message
Is Your Friend

- **Rating:** ★★★★★ after 1 vote
- **Comments:** 2
- This photo is a **favorite** of **2 people**.
- **Who can view this photo?** Anybody

Community and Connections First

How?

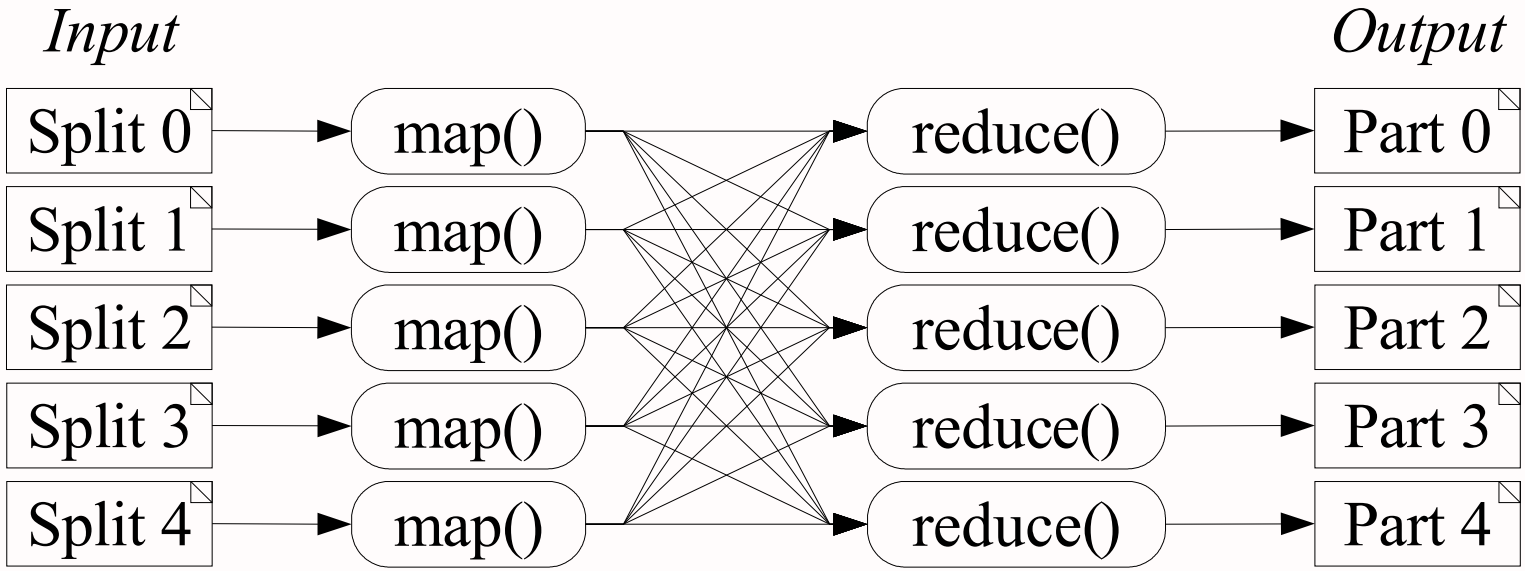
(c) John Linwood – http://flickr.com/photos/johnlinwood/265401153/



(c) Tony V. http://flickr.com/photos/toniphotos/128824731/

```
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

Yahoo! Directory

Arts & Humanities
Photography, History, Literature...

Business & Economy
B2B, Finance, Shopping, Jobs...

Computers & Internet
Software, Web, Blogs, Games...

Education
Colleges, K-12, Distance Learning...

Entertainment
Movies, TV Shows, Music, Humor...

Government
Elections, Military, Law, Taxes...

Health
Diseases, Drugs, Fitness, Nutrition...

News & Media
Newspapers, Radio, Weather...

tags to watch

more ...

travel

- Mobissimo Travel | Search airfare
- Air Traffic Control System Command Center
- The Man In Seat 61

tv

- アナログ放送停止で発生する大量の地デジ難民 | Blog | nozomu.net - 吉田望事務所 -
- Watch TV Shows Online
- Updated List of Places To Watch TV For Free Online | OneTipADay.com

photos

- Beeindruckende Stereo-Bilder bei iSNiCHWAHR.de
- Comeeko - Creating comic strips from your photos
- Suckerfish HoverLightbox Redux - Monday By Noon

What's News—

* * *

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

* * *

Free Today >

• **Business:** Carbon marketplaces may hold the secret for industries to be able to control their CO_2 emissions. | **Forum**

• **Portals:** Consumers may fare better in the event of a Sirius-XM merger than first appears.

• **Advertising:** Viral Web video campaigns can get audiences cheaply, but do they pay off?

2052 diggs

digg it

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 snippits for making great sites that bit extra special." More…

75 comments | Blog It | Email It | Topic: Programming | Bury

901 diggs

digg it

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…

93 comments | Blog It | Email It | Topic: Programming | Bury

http://www.creativecommons.org/

(c) David Wilmot http://flickr.com/photos/david_wilmot/437952548/

In House

(c) wilhemlja http://flickr.com/photos/wilhelmja/328176297/

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)

(c) LiveU4 http://flickr.com/photos/liveu4/148438692/

(c) RogerGW http://flickr.com/photos/rogergw/48507873/

The 'Please Touch' Internet

Brian McCallister

brianm@ning.com
http://www.ning.com/

Emerging Technology for the Enterprise, '07