

(Avoiding) the Travesty of the Commons

Tom Gruber Co-Founder and CTO, RealTravel.com tomgruber.org

The Promise of the People-Powered Web

- More people know more things.
- More people have more diverse perspectives and assumptions.
- Collectively we can know more.

But...

- When is More Better?
- If you build it, will they come?

Everybody's Doing It



 over a third of adults in US and Australia have contributed content to the public Internet

- ~100M blogs
- ~100GZ photos

Source: Pew Internet & American Life Project (Dec 05), McNair Ingenuity Research (Jur. 06)

Web Content Creation by Age



18% of adults over65 have contributedcontent to the web

Source: Pew Internet & American Life Project (Dec 05)

source http://www.futureexploration.net/fom06/Future_of_Media_Report2006.pdf



The Influence of Collective Knowledge





Same Technology

article

Create an account or log in

[edit]

Dreams About War and Retribution

history

edit

War and Consequences

discussion

See Also: Counterpoint to War and Consequences

navigation

Original editorial

latimes com.

[wiki]

- latimes.com home
- LAT Opinions
- = Help

As the war in Iraq grinds on with almost daily deaths and the number of U.S. troops remains stubbornly fixed at 140,000, voices of dissatisfaction at home are becoming louder and more widespread. A few Republican Congressmen have joined Democrats in questioning just how long our troops will have to stay in Iraq. Colonels and generals estimate two or more years, although British colonial experience suggests these are optimistic estimates. Current polls indicate an increasing public unease B with the war. A Gallup poll released Sunday found that 59% of Americans said some or all troops should be withdrawn; in April 2004, the figure was 37%.

Declining enlistments & demonstrate that while some Americans may support this war, they are not willing to enlist. Protests against military recruiters on high school and college campuses suggest parents don't trust the system, either. Involuntary two year re-enlistments of National Guard units ominously portend the possibile return of the draft.

Nevertheless, President Bush said last month he is "pleased with the progress" in Iraq, citing its national elections in January and the ongoing training of its military. Today, Baghdad experiences a car bombing almost daily; yet in all of 2004, there were 25. The elections may have represented progress; the escalating violence does not.

The president's assessment represents either willful ignorance or blind optimism — probably both. Remember "Mission Accomplished"? The cliche "pleased with progress" may be appropriate for a CEO reporting that ongoing quarterly losses have been stemmed. It should not be an acceptable description of the continuing loss of American and innocent Iraqi lives. The media should cry foul at this deception.

Concrete Action Essential

The Bush administration should publicly set a target for the number of Iraqi soldiers and police who will be trained, equipped and capable of defending their country by July 1, 2006. That means troops able to protect their positions and go on the offensive against their enemies, with enough guns, bullets and tanks to do the job. If the objective is not reached, Defense Secretary Donald H. Rumsfeld should be fired, along with the top U.S. military commanders in Iraq.

Different Result

Where is the wikitorial?

Unfortunately, we have had to remove this feature, at least temporarily, because a few readers were flooding the site with inappropriate material.

Thanks and apologies to the thousands of people who logged on in the right spirit.

(cc)

Same People, Same Technology



creation

noise

source http://istockphoto.com

Collective Knowledge is Real

- FAQ-o-Sphere (self service Q&A forums)
- A-list Blogosphere for politics and tech
- Product reviews for gadgets and hotels
- Amateur Academia
- Collaborative filtering for books and music
- Social photo sharing



...and can be a real pain

- IP looting in music
- Automated blog spam
- Marketplace of fraudulent reviews

The Art and Science of Collective Knowledge

- Timing, luck, and vision are critical, but...
- Claim: Design principles can influence the result.



Case Study: RealTravel

- When planning travel, people want to benefit from experience of people who have been there.
- Let's do this on a global scale.

Problem 1: Motivating Participation

- Why should I share my feedback and advice about my travel experience with strangers?
- So I can share it with friends and family.
 With style.











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click on map to go interactive!

The route described by the journal Around the World in 77 days... by Louis

Phnom Penh, Cambodia 14 15 Sihanoukville, Cambodia 16 Phnom Penh, Cambodia 17 Ho Chi Minh City (Saigon), Vietnam 18 Nha Trang, Vietnam 19 Hoi An, Vietnam 20 Hue, Vietnam Hanoi, Vietnam 21 22 Halong Bay, Vietnam 23 Hanoi, Vietnam Y

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Principle of motivation: Enlightened Self Interest

- Design services that reward individual behavior that has global benefit.
- Communicate the value proposition to people who would recognize that value.

Motivators: What Powers "People-Powered"

- entertainment value of participation
- social connection
- ego / ambition
- altruism
 - Design for these motivators.
 - Target audiences with these motivators.

De-motivators

- Awkward or time-consuming UI
- Nontrivial learning curve
 - except for games
- Lack of positive feedback for desired behavior.
 - Design to avoid these de-motivators.
 - Target audiences who don't mind.

Problem 2: How to reach the right people?

- Participants are not necessarily the same population as those who benefit from their contributions.
- Participants are motivated differently
 - Travel bloggers care about trips.
 - Travel researchers care about destinations.
- Design user experiences for targeted audiences.

Growth Phases of Social Sites/

Contributors Learners

Viral is not the only way





- OurStory is a place for sharing life stories
- Targeted marketing campaign to grow participant base

Problem 3: How to Harvest Value

- Value of aggregate must be much greater than sum of parts
 - need value for both contributors and learners
- Quality metrics of aggregate content are different than for individuals
 - Completeness/coverage matters
 - Need "best first" criteria
 - Bad apples can spoil the batch

Creating Aggregrate Value: "Mash-up" with structured data

Backbone of Web 2.0 offering is competence in domain-specific data
 see O'Reiily paper

The aggregate site creates unique value by tightly integrating user contributions of understructured content with centrally managed structured data.

ref: http://www.oreillynet.com/pub/a/oreilly/tim/news/2005/09/30/what-is-web-20.html

UI Technique: Pivot Browsing

- RealTravel manages an authoritative central database of destinations (places).
- Contributors place their content into the destination hierarchy.
- The combination offers travel researchers powerful browsing and search capabilities.



By: Louis on a trip to: Bangkok, Thailand

"What's my favourite thing in Bangkok so far? Pad thai...in air conditioning."

By: Caroline in Asia on a trip to: Bangkok, Thailand

We woke up in time for the hotel's breakfast (or, more accurately, we set an alarm so that we wouldn't miss the free ... read entry >



'The City of Angels' (Oct 29 '05)

"If you can displace yourself from the pollution and vice of Khao San + Patpong, Bangkok offers a range of less obvious culture, lovely food and happy bustling people"

By: Louis on a trip to: Bangkok, Thailand

29th Oct Ko Samui has without ... read entry >



160kph and no seat belt - Welcome to Bangkok (Feb 06 '06)

"No speed limits, crazy driving and 13 million people!"

By: Send Nick Packin on a trip to: Bangkok, Thailand

Bangkok is a city of extremes. In this bustling metropolis you can find approx 13 million people carrying on their daily lives. Multi level ... read entry •



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Luxe last night in Bangkok (Apr 20 '06)

"Ending the Trip in Style"

1111

By: Wanderer on a trip to: Bangkok, Thailand

After our low-budget trip, we decided to live it up our last night and stayed at the Peninsula Hotel, located on the river in a business district. On arrival, the staff gave us ... read entry >

next page .

Page: 1 2 3 4 5 6 7 8 9 10 ...

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Contextual Tagging

- Tags are bottom up labels, words without context.
- A structured data framework provides context.
- Combining context and tags creates insightful slices through the aggregate content.







Problem 4: Guiding Behavior

- Question:
 - Why should a user do something for the benefit of the community?
- Answer:
 - Wrong question.
- Approach: Reduce friction of useful behavior.

UI Technique: Snap to Grid

- Observation: Left to their own, users won't produce a consistent database.
- Technique: Elicit their data in the context of structured data – let them snap to grid.
- Inherit structure data to the unstructured contribution – provide value from the grid.







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Group Discussion: Techniques of Design for Participation

- Motivating participation
 - answer faqs in the context of the wiki
 - connecting it to the social group that exist
 - competitiveness score keeping
- Reaching targeted audiences
- Harvesting value
- Guiding behavior toward global benefit
 - make it easy to upload and share itinerary



Thank You

Tom Gruber tom@realtravel.com <u>RealTravel.com</u> tomgruber.org