

# Some Interesting Quotes

- "Network effects from user contributions are the key to market dominance in the Web 2.0 era."
  - ► Tim O'Reilly
- "Link by link, click by click, search is building possibly the most lasting, ponderous, and significant cultural artifact in the history of humankind: the Database of Intentions."
  - ► John Battelle, The Search

## More Interesting Quotes

- "Web 2.0 is a massive social experiment...this is an opportunity to build a new kind of international understanding...citizen to citizen, person to person".
   Lev Grossman, TIME
- "One of the powerful things about networking technology like the Internet or the Web or the Semantic Web...is that the things we've just done with them far surpass the imagination of the people who invented them."
  - ▶ Tim Berners-Lee, interviewed by Peter Moon, IDG Now

#### **OBJECTIVES**

In this chapter you will learn:

- The defining characteristics of Web 2.0.
- Why search is fundamental to Web 2.0.
- How Web 2.0 empowers the individual.
  The importance of collective intelligence and network effects.
  The significance and growth of blogging.
- Social networking, social media and social bookmarking.
- How tagging leads to folksonomies. .
- How web services enable new applications to be quickly and easily "mashed up" from existing applications.
  Web 2.0 technologies.

4

5

6

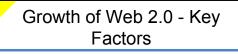
- Web 2.0 technologies.
  Web 2.0 Internet business and monetization models.
  The emerging Semantic Web (the "web of meaning").

#### **Chapter 3 Sections**

- 3.1 Introduction
- 3.2 What Is Web 2.0?
- 3.3 Search
- 3.4 Content Networks
- 3.5 User-Generated Content

## 3.1 Introduction

- 1993 Mosaic browser introduced
  - Web exploded in popularity.
- 1990s tremendous growth "dot-com bubble"
- 2001 bubble burst
- 2003 people and businesses were using the web and developing web-based applications in a different way
  - Collaborative, community-based sites
  - Social networking, blogs, wikis, etc.

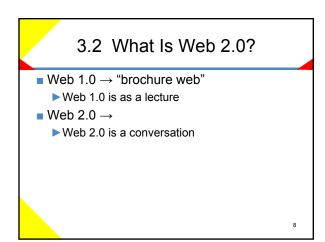


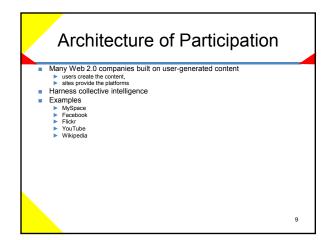
Hardware - cheaper and faster
 memory capacities and speeds increasing at a rapid rate
 Broadband Internet explosion

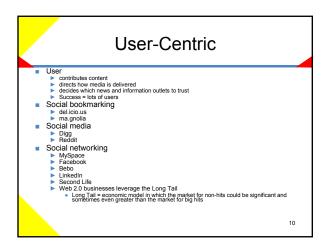
- Abundant open source software
  - Cheaper (often free) customizable software options
     Easier to start new Web 2.0 companies
- Decreases the cost of failure
   Easy-to-employ models available to monetize Web 2.0 business

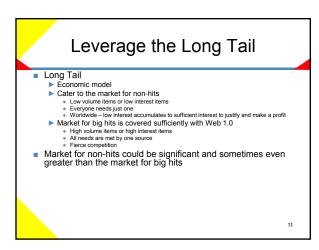
7

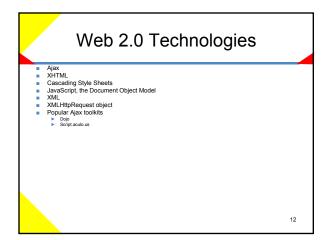
▶ i.e., this is cool but can we make any money from this?

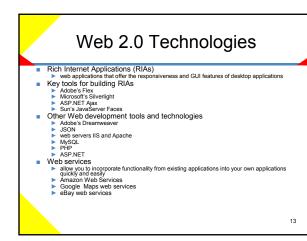


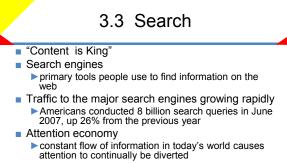


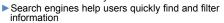










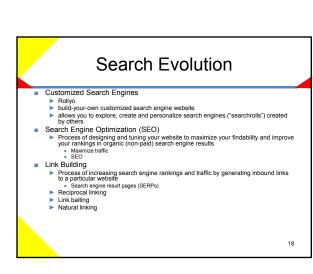








Have you experienced this?





#### 3.4 Content Networks

- Content networks
  - websites or collections of websites that provide information in various forms
  - articles, wikis, blogs, etc
  - ▶ filter the vast amounts of information on the Internet

# Fig. 3.2 Content Networks

Content networks About.com—Acquired by the New York Times, About is a collection of information on a wide variety of topics. About was founded in 1996 and provides over 500 guides written by topic experts. The guides include new content as well as links to other websites. **bSmedia**—A blog network with over 200 blogs related to travel, entertainment, technology and more. **Corante**—A blog network authored by leading commentators in technology, business, law, science, and culture. **Deitel**—Deitel Resource Centers (currently about 80 sites and growing rapidly) include links to, and descriptions of, key tutorials, demos, free software tools, articles, e-books, whitepapers, videos, podeasts, blogs, RSS feeds and more. Resource Centers are grouped into major topic areas, including Web 2.0, Interret business, programming languages, software development and open source. See Fig. 2 in the Preface for a complete list of **Resource** Centers. **etwo**—How claims over 35,000 articles explaining "how to do just about everything." The articles are written by members, and the site also features a section of "how to" videos.

21

# Fig. 3.2 | Content Networks

Gawker Media—A blog network that includes 14 blogs, such as Gizmodo, Gawker, Valleywag and Lifehacker. The blogs cover a range of topics including technology, gossip and more.

and more. HowStuffWorks—HowStuffWorks offers articles explaining "how the world actually works." Articles are written by freelance writers, and experts from *Consumo Guide* and *Mobil Travel Guide*. LifeTips—LifeTips provides short articles on both work and general life issues from hundreds of writers. Tips are voted on by readers (who can also mark their favorites for

easy access). 9rules—A blog network with a wide range of blog topics. The site also includes social

networking aspects. Suite101—Suite101 offers thousands of articles on a variety of topics written by freelance writers. In addition to the articles, the site also provides discussion areas and

free courses.

Weblogs, Inc.—A blog network of 90 blogs, including Engadget, Autoblog and Joystiq. Users can apply to write for one of the blogs (and get paid) or suggest topics for potential new blogs.

3.5 User-Generated Content

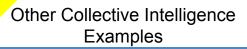
- user-generated content =
- key to success for many leading Web 2.0 companies
  - articles
  - ► home videos
  - ▶ photos
  - implicitly generated

#### **Collective Intelligence**

Collaboration can result in smart ideas

- Wisdom of Crowds
  - Large diverse groups of people can be smarter than a small group of specialists

22



Craigslist

- Popular classified ads website that has radically changed the classified advertising market
- Ad postings on Craigslist are free
- Newspapers have experienced a decline in classified ad sales
- Users can post comments about their experiences with a vendor

