# Contribution Distribution

Jon Solomon - Rachel Vacek - Michael Porter

# Electronic CONTENT Access

Rachel Vacek - Michael Porter

# Lioraries Content Community

### Content

### CONTENT Access

# Electronic CONTENT Access



define:data

Search Advanced Search
Preferences

### Web

Related phrases: data mining data warehouse data type data processing meta data data integrity data collection data mart data center data base

### Definitions of data on the Web.

- a collection of facts from which conclusions may be drawn; "statistical data" wordnetweb.princeton.edu/perl/webwn
- Data refers to graphs or images, particularly as measurements or observations of a set of variables. Data are often viewed as a lowest level of ...
   en.wikipedia.org/wiki/Data
- A data segment is one of the sections of a program in an object file or in memory, which contains the global variables that are initialized by the
  programmer. It has a fixed size, since all of the data in this section is set by the programmer before the program is loaded. ...
  en.wikipedia.org/wiki/.data
- The data URI scheme is a URI scheme that provides the ability to include data items in-line in a web page as if they were being referenced as
  external resources. They tend to be simpler than alternative inclusion methods, such as MIME with cid or mid URIs. ...
  en.wikipedia.org/wiki/Data://
- Debt, AIDS, Trade in Africa (or DATA) is a multinational non-government organization founded in January 2002 in London by U2's Bono along with ...
   en.wikipedia.org/wiki/DATA
- DATA were an electronic music band created in the late 1970's by Georg Kajanus, creator of such bands as Eclection, Sailor and Noir (with Tim Dry of the robotic/music duo Tik and Tok). ...
   en.wikipedia.org/wiki/DATA (band)
- Data is a genus of moths of the Noctuidae family. en.wikipedia.org/wiki/Data\_(moth)
- In computer science, data is anything in a form suitable for use with a computer. Data is often distinguished from programs. A program is a set of
  instructions that detail a task for the computer to perform. In this sense, data is thus everything that is not program code.

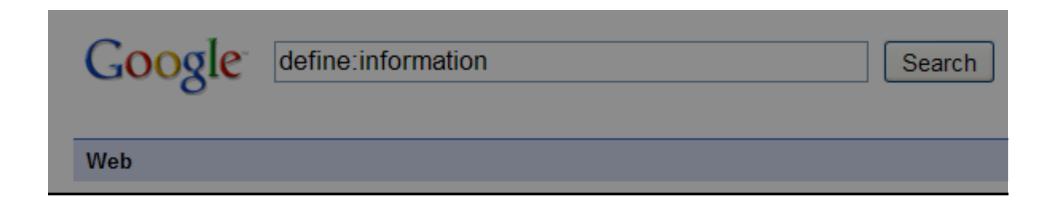
   en.wikipedia.org/wiki/Data\_(computing)
- Lieutenant Commander Data, played by Brent Spiner, is a character in " (TNG) television series and in the four films based on The Next Generation".
   en.wikipedia.org/wiki/Data (Star Trek)



# Noun S: (n) data information (a collection of facts from which conclusions may be drawn)

en.wikipedia.org/wiki/Data://

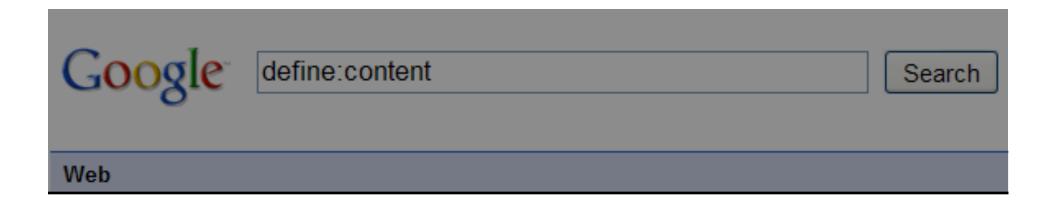
 Debt, AIDS, Trade in Africa (or DATA) is a multinational non-government organization founded on wikingdia org/wiki/DATA



### Noun S: (n) information (knowledge acquired through study or experience or instruction)

en.wikipedia.org/wiki/Information\_(Dave\_Edmunds\_album)

 Information, full name: Dagbladet Information, is a Danish newspaper published Monday thro en.wikipedia.org/wiki/Information\_(newspaper)



### Noun S: (n) content (everything that is included in a collection and that is held or included in something)

тогопосторунностоп соптренителя

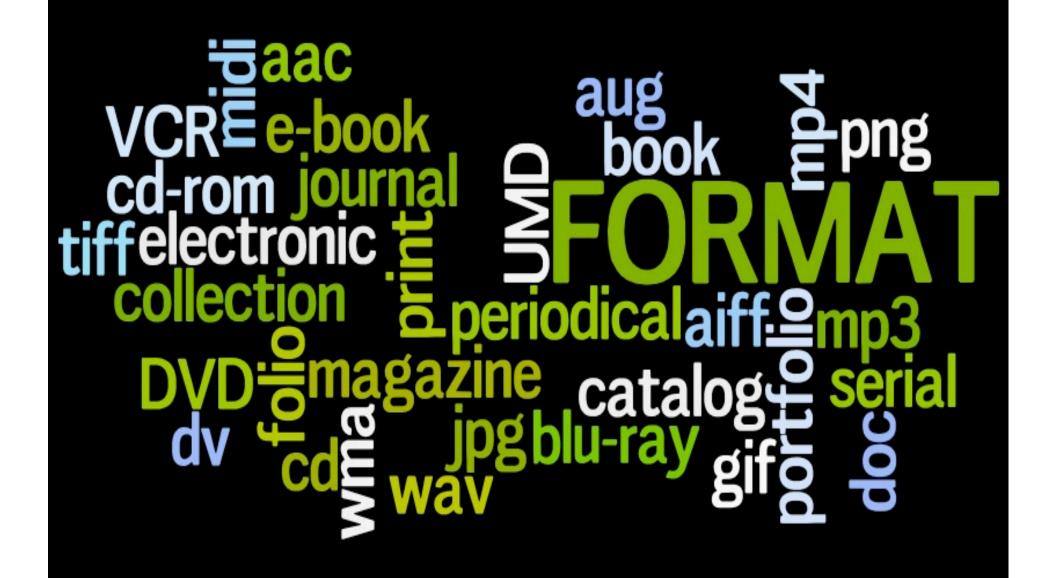
Content, also known as C.C. Harper Farm, is a historic home located at Centreville, Queen A construction, two stories high, five bays wide and one room deep, with a single flush brick chicago wilding and wilding and wilding and content. (Centreville, Mandand)

# Circulation

the majority of content access in libraries

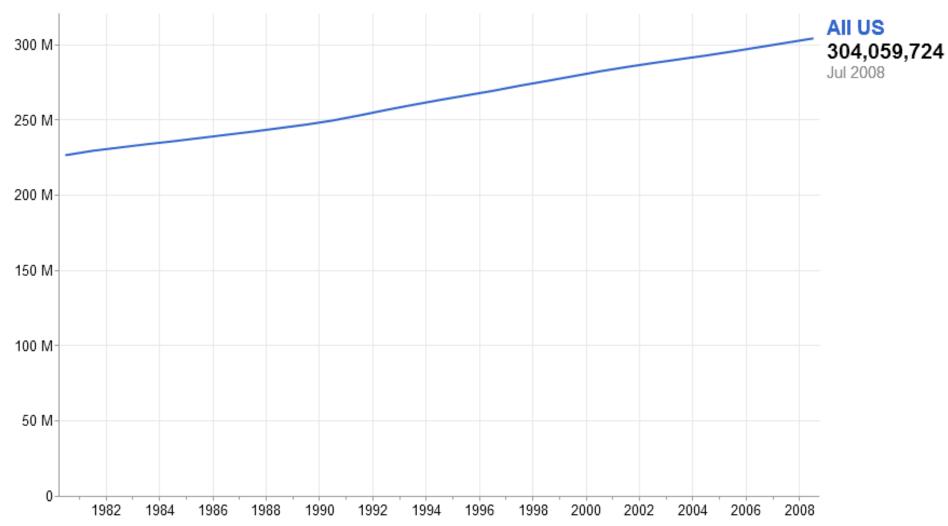


### Ahh HAA!!!



### **Population**

Estimates of the resident population. More info »



Data source: U.S. Census Bureau, Population Division - Last updated July 31, 2009

### 68% = US library card holders



Google what is 68% of 304059724

Search

■ Show options...



68% of 304 059 724 = 206 760 612

comScore Top 50 Properties (U.S.)

August 2009

Total U.S. - Home, Work and University Locations

Unique Visitors (000)

Source: comScore Media Metrix

|      |                                       | Unique<br>Visitors |      |                                     | Unique<br>Visitors |
|------|---------------------------------------|--------------------|------|-------------------------------------|--------------------|
| Rank | Property                              | (000)              | Rank | Property                            | (000)              |
|      | Total Internet : Total Audience       | 197,311            |      |                                     |                    |
| 1    | Google Sites                          | 161,148            | 26   | AT&T Interactive Network            | 01,001             |
| 2    | Yahoo! Sites                          | 158,043            | 27   | Disney Online                       | 31,341             |
| 3    | Microsoft Sites                       | 129,992            | 28   | Everyday Health                     | 29,663             |
| 4    | AOL LLC                               | 101,719            | 29   | Target Corporation                  | 27,156             |
| 5    | FACEBOOK.COM                          | 92,208             | 30   | Superpages.com Network              | 27,095             |
| 6    | Fox Interactive Media                 | 77,450             | 31   | WordPress                           | 26,443             |
| 7    | Ask Network                           | 76,595             | 32   | Break Media                         | 25,481             |
| 8    | eBay                                  | 71,788             | 33   | Photobucket.com LLC                 | 25,346             |
| 9    | Amazon Sites                          | 68,103             | 34   | Bank of America                     | 25,261             |
| 10   | Wikimedia Foundation Sites            | 63,929             | 35   | Gorilla Nation                      | 25,170             |
| 11   | Apple Inc.                            | 56,608             | 36   | Expedia Inc                         | 24,562             |
| 12   | CBS Interactive                       | 52,781             | 37   | AT&T, Inc.                          | 24,199             |
| 13   | Glam Media                            | 51,250             | 38   | NetShelter Technology<br>Media      | 23,902             |
| 14   | Viacom Digital                        | 50,123             | 39   | ESPN                                | 23,890             |
| 15   | Turner Network                        | 48,562             | 40   | Weatherbug Property                 | 23,182             |
| 16   | craigslist, inc.                      | 47,130             | 41   | iVillage.com: The Womens<br>Network | 21,744             |
| 17   | New York Times Digital                | 45,754             | 42   | Federated Media Publishing          | 21,709             |
| 18   | Answers.com Sites                     | 45,082             | 43   | NBC Universal                       | 21,453             |
| 19   | Weather Channel, The                  | 41,684             | 44   | Gannett Sites                       | 21,196             |
| 20   | Adobe Sites                           | 39,613             | 45   | United Online, Inc                  | 21,155             |
| 21   | Demand Media                          | 33,535             | 46   | TWITTER.COM*                        | 20,830             |
| 22   | Comcast Corporation                   | 33,178             | 47   | Real.com Network                    | 20,584             |
| 23   | Wal-Mart                              | 32,758             | 48   | JPMorgan Chase Property             | 19,885             |
| 24   | The Mozilla Organization              | 31,643             | 49   | Technorati Media                    | 19,736             |
| 25   | Verizon Communications<br>Corporation | 31,563             | 50   | Experian Interactive                | 19,727             |

# **Top 50**

August 2009

### What is iTunes?





iTunes Player Where you organize, listen, watch, and play.



iTunes Store The world's #1 music store. And more. Redesigned.

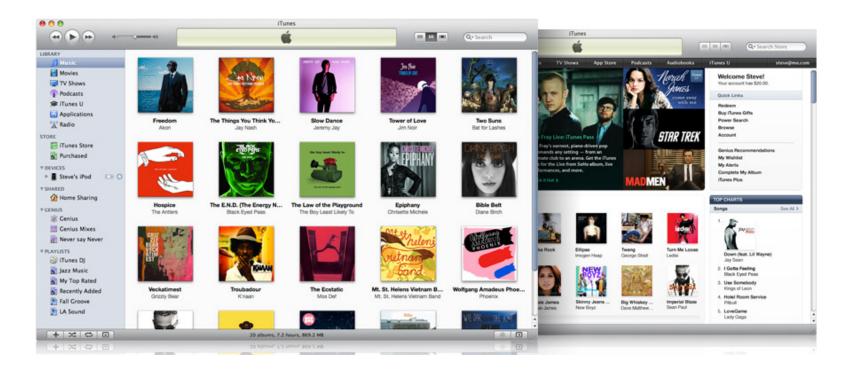


iTunes Everywhere On your Mac or PC, iPhone, iPod, and Apple TV.

### Play, buy, and sync your music, movies, and more.

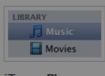
iTunes is a free application for your Mac or PC. It organizes and plays your digital music and video on your computer. It syncs all your media with your iPod, iPhone, and Apple TV. And it's a store on your computer, iPod touch, iPhone, and Apple TV that has everything you need to be entertained.

Anywhere. Anytime.



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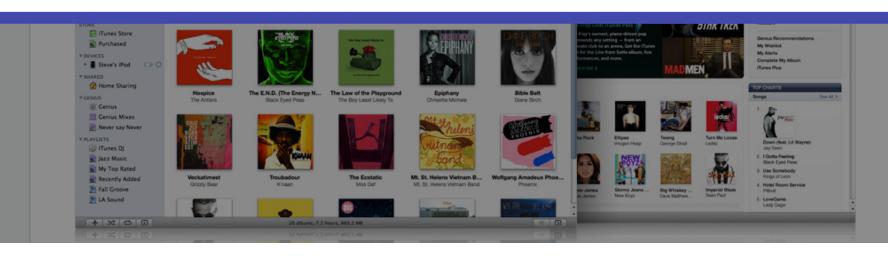


iTunes Everywhere On your Mac or PC, iPhone, iPod, and Apple TV.

### Play, buy, and sync your music, movies, and more.

iTunes is a free application for your Mac or PC. It organizes and plays your digital music and video on your computer. It syncs all your media with your iPod, iPhone, and Apple TV. And it's a store on

### 31.7 million unique users 12/08



### What is iTunes?









### iTunes has sold six billion songs

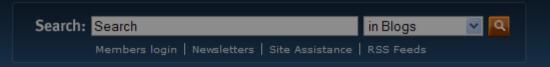
Over 10 million different tracks

Over 10 million songs are DRM-free

Over 75 million accounts linked to credit cards







### Between the Lines

### Larry Dignan, Sam Diaz, Andrew Nusca

Pick a blog category

view

August 18th, 2009

CDs still sell: Who are these people?!?

Posted by Larry Dignan @ 11:30 am

Categories: Apple, Entertainment, Hollywood on Demand

Tags: CD, NPD, Larry Dignan



Apple's iTunes music juggernaut accounts for 25 percent of music sold. The rub: Sixty-five percent of you are still buying CDs for your music in the first half of 2009, according to research firm NPD.

The big question today:
Who are these people
still buying CDs? Sam
Diaz notes even his dad
has gone digital. NPD
allays the digerati by
noting that digital
downloads will
represent half of music

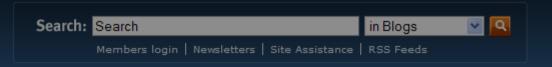


"Apple's iTunes...
accounts for 25 percent
of music sold"

"65%...still buy CDs"

"For digital music, iTunes had 69 percent of the market followed by Amazon at 8 percent."





### Between the Lines

### Larry Dignan, Sam Diaz, Andrew Nusca

Pick a blog category

View

Andrew's Bio

RSS Email Alerts Bios: Larry's Bio

Sam's Bio

Andrew's Bio

View

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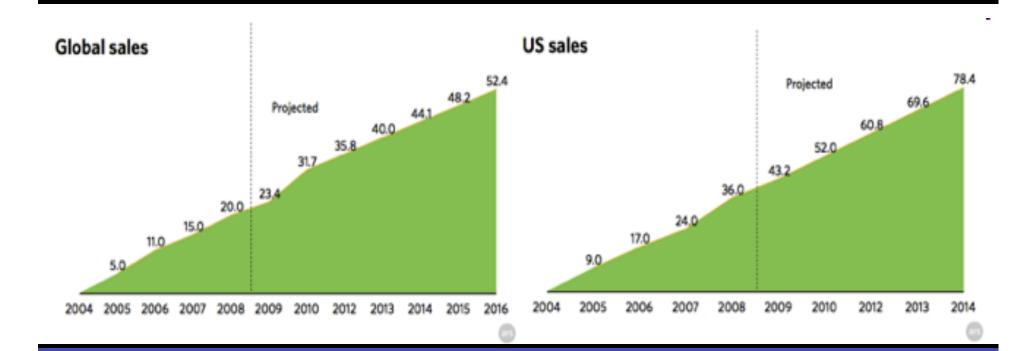
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"Apple's music domination could attract more regulatory attention in a few years."

"Big box retailers are still an efficient way to move music sales, but they'll need a digital strategy if CD sales continue to fall."





## Projected major label digital music revenues as % of total revenues

(Sources: RIAA, IFPI; projections by Ars Technica)

## METELLX

way



winds and Ringhess Reserved

### **Netflix**

### Revenues/Earnings Data Fiscal year ending Dec. 31

| Revenues ( | Million \$)   |       |       |       |       | 700   |
|------------|---------------|-------|-------|-------|-------|-------|
|            | 2009          | 2008  | 2007  | 2006  | 2005  | 2004  |
| 10         | 394.1         | 326.2 | 305.3 | 224.2 | 152.5 | 100.4 |
| 20         | 408.5         | 337.6 | 196.7 | 239.4 | 164.0 | 120.3 |
| 30         |               | 341.3 | 226.0 | 256.0 | 172.7 | 141.6 |
| 40         |               | 359.6 | 302.4 | 277.2 | 193.0 | 143.9 |
| Year       |               | 1,365 | 1,205 | 996.7 | 682.2 | 506.2 |
| Earnings p | er Share (\$) |       |       |       |       |       |
|            | 2009          | 2008  | 2007  | 2006  | 2005  | 2004  |
| 10         | 0.37          | 0.21  | 0.14  | 0.07  | -0.17 | -0.11 |
| 20         | 0.54          | 0.42  | 0.37  | 0.25  | 0.09  | 0.04  |
| 30         |               | 0.33  | 0.18  | 0.18  | 0.11  | 0.29  |
| 40         |               | 0.38  | 0.24  | 0.21  | 0.57  | 0.09  |
| Year       |               | 1.32  | 0.97  | 0.71  | 0.64  | 0.33  |

Next earnings report expected: NA

Historical GAAP earnings are as reported.

# Netflix's revenue for the second quarter of 2009 was \$408.5 million



that s 21% growth from last

year





Shop All Departments

Movies, Music & Games

>

>

>

**Digital Downloads** 

Computers & Office

Toys, Kids & Baby

Sports & Outdoors

Tools, Auto & Industrial

Grocery, Health & Beauty >

Clothing, Shoes & Jewelry >

Books

Kindle

Electronics Home & Garden Hello, Rachel Vacek. We have recommendations for you. (Not Rachel?)

Rachel's Amazon.com | France | Today's Deals | Gifts & Wish Lists | Gift Cards

Search All Departments





Your Account | Help

Your Lists 🔽



As a social science researcher and an esteemed business consultant... Read more

\$29.95 \$21.56





### Free Song of the Day



Download "Overjoyed" by Circulatory System, featuring former members of Olivia Tremor Control, from their new album Signal Morning.

> Get it for free



Kindle with U.S. and International Wireless is

in stock and available for immediate shipment. At home or abroad in 100 countries, you can think of a book and be reading it in less than 60 seconds.

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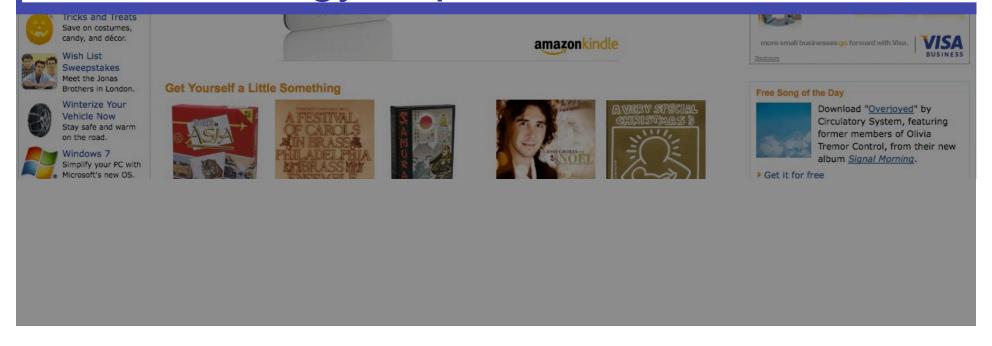








Amazon expects market share gains to continue despite increased competition, based on an improved pricing/shipping strategy, expanded selection.

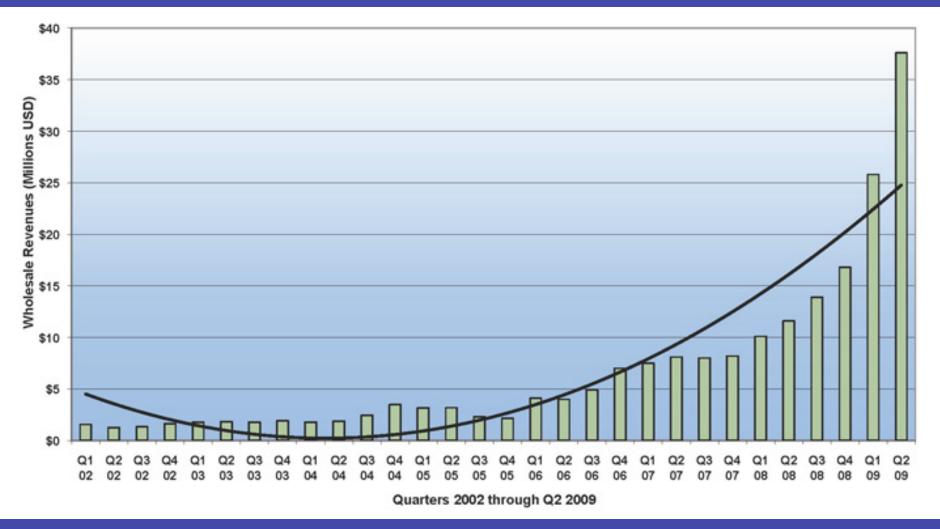


### Amazon.com Inc

25-Oct-09• Nasdaq National Market Symbol AMZN • M S&P 500

### Revenues (Million \$) for Fiscal Year Ending Dec.

|      |       |        | and the second of the second of |        |       |       |       |
|------|-------|--------|---------------------------------|--------|-------|-------|-------|
|      | 2009  | 2008   | 2007                            | 2006   | 2005  | 2004  | 2003  |
| 1Q   | 4,889 | 4,135  | 3,015                           | 2,279  | 1,902 | 1,530 | 1,084 |
| 2Q   | 4,651 | 4,063  | 2,886                           | 2,139  | 1,753 | 1,387 | 1,100 |
| 3Q   | N/A   | 4,264  | 3,262                           | 2,307  | 1,858 | 1,462 | 1,134 |
| 4Q   | N/A   | 6,704  | 5,673                           | 3,986  | 2,977 | 2,541 | 1,946 |
| Year | N/A   | 19,166 | 14 235                          | 10,711 | 8,490 | 6,921 | 5,264 |



### US Trade Wholesale Electronic Book Sales

### Quarters 2002 through Q2 2009

| Quarters | Revenues    | Quarters | Revenues     |
|----------|-------------|----------|--------------|
| Q1 02    | \$1,556,499 | Q1 06    | \$4,100,000  |
| Q2 02    | \$1,258,989 | Q2 06    | \$4,000,000  |
| Q3 02    | \$1,329,548 | Q3 06    | \$4,900,000  |
| Q4 02    | \$1,649,144 | Q4 06    | \$7,000,000  |
| Q1 03    | \$1,794,544 | Q1 07    | \$7,500,000  |
| Q2 03    | \$1,842,502 | Q2 07    | \$8,100,000  |
| Q3 03    | \$1,789,455 | Q3 07    | \$8,000,000  |
| Q4 03    | \$1,917,384 | Q4 07    | \$8,200,000  |
| Q1 04    | \$1,794,130 | Q1 08    | \$11,200,000 |
| Q2 04    | \$1,887,900 | Q2 08    | \$11,600,000 |
| Q3 04    | \$2,460,343 | Q3 08    | \$13,900,000 |
| Q4 04    | \$3,477,130 | Q4 08    | \$16,800,000 |
| Q1 05    | \$3,161,049 | Q1 09    | \$25,800,000 |
| Q2 05    | \$3,182,499 | Q2 09    | \$37,600,000 |
| Q3 05    | \$2,310,291 | July 09  | \$16,200,000 |
| Q4 05    | \$2,175,131 |          |              |

### US Trade Wholesale Electronic Book Sales







22,000 machines in US

They process about 80 transactions a second on Friday nights



## Convenient Inexpensive Many Options



#### August 18th, 2009

#### CDs still sell: Who are these people?!?

Posted by Larry Dignan @ 11:30 am

Categories: Apple, Entertainment, Hollywood on Demand

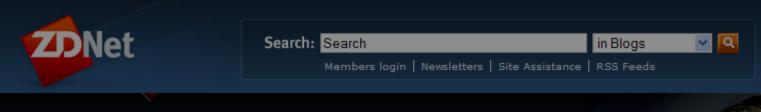
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The big question today: Who are these people still buying CDs? Sam Diaz notes even his dad has gone digital. NPD allays the digerati by noting that digital downloads will represent half of music sales by the end of



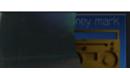


Larry Dignan, Sam Diaz, Andrew Nusca



Dig box retailers Libraries are still an efficient way to move music cales, consumption but they'll need a digital strategy if electronic circulation of content CD sales continues to fall grow.

downloads will represent half of music







## Libraries are still an efficient way to move consumption

Libraries are still an efficient way to move consumption but they'll need a digital strategy if circulation of electronic content

continues to grow.

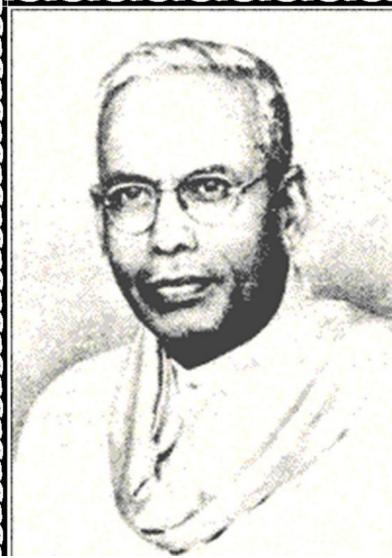
# VE NEED

a digital strategy if circulation of electronic content continues to grow.

# And

# ME NEED

a digital strategy for electronic content access



- 1. Books are for use.
- 2. Every reader his [or her] book.
- 3. Every book its reader.
- 4. Save the time of the User.
- 5. The library is a growing organism.

# So as far as WHO decides to license something:

it is the copyright holder...

## This was all a lot easier before the digital era,

when if you bought a book you could loan it to anyone or rip out pages and give them away.

# Now that there is no physical THING for so much content,

there is a "big mess."

### Libraries need

to face up to the challenges of online media content providers Know the numbers.

Understand the formats.

Know the distribution models.

DEVELOP A SOLUTION.

# VE NEED

a digital strategy for electronic content access

to change and prepare for the future

to remain content access hubs

# to remain relevant

# to remain valuable

# VE NEED

a digital strategy for electronic content access