

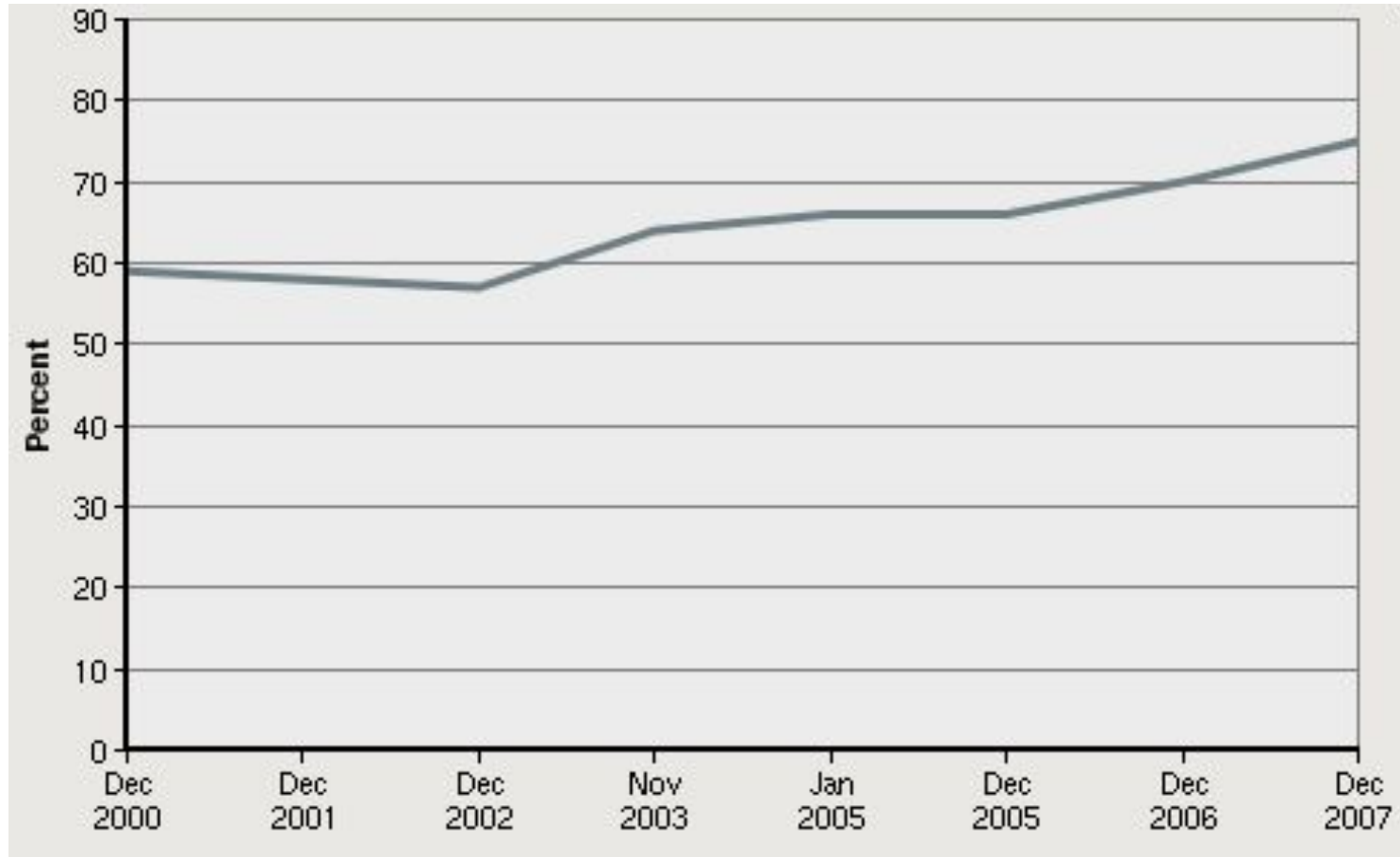
# Тенденції розвитку Інтернету

Україна, Бровари, Minicamp @ Brovary, 20 листопада 2009 р.  
Андрій Качор, <http://afisha-brovary.net>

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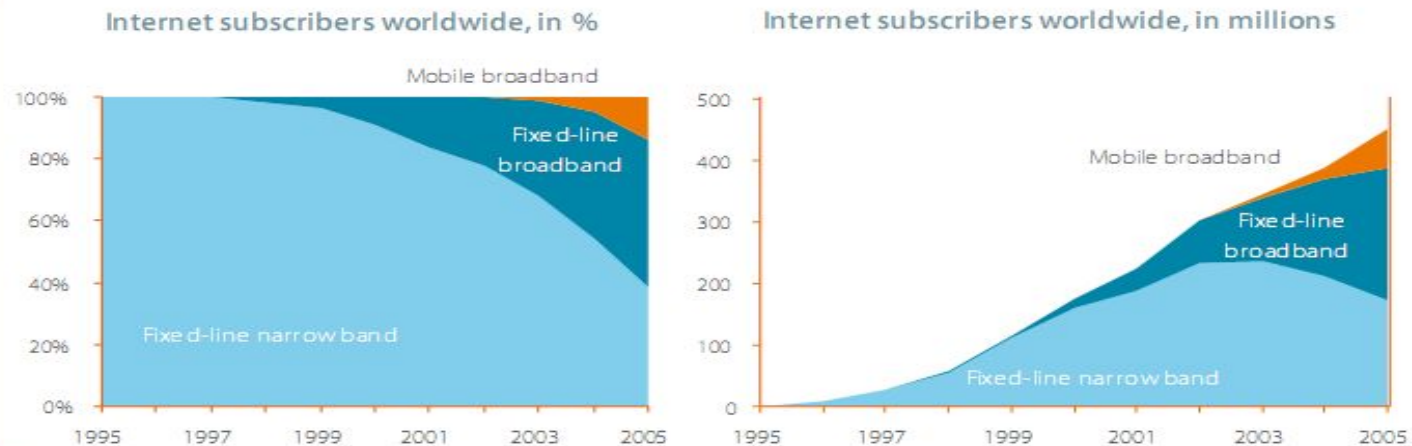
## % населения (США) онлайн

---



# Інтернет стає швидшим

**Figure 5.2: Broadband replacing narrowband**  
*Internet subscribers, by type of connection, 1995-2005*



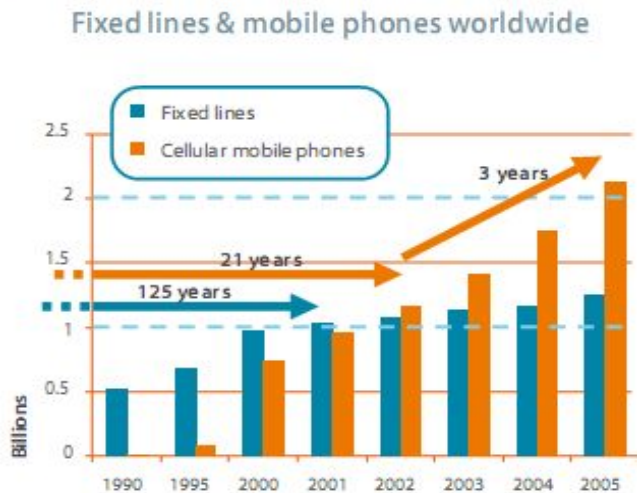
**Note:** The figures for "fixed-line narrowband" also include some business users on leased lines, but this is only a fractional proportion of the total. The vast majority of subscriptions in this category are dial-up internet users. "Narrowband mobile" internet subscribers are not shown because data on subscriber numbers is not widely available (few mobile service provider require users to take out a separate subscription to access the internet).

**Source:** ITU Information Society Statistics Database

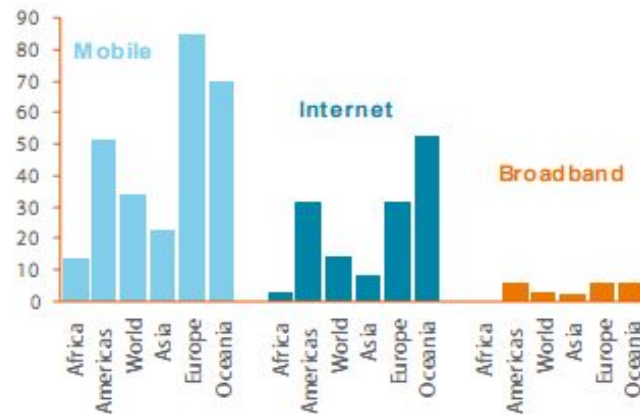
...і все більш популярним у світі

**Figure 2.2: Beyond the first billion**

*Penetration rates of main fixed line and mobile networks, worldwide and by region*



ICT penetration per 100 inhabitants, 2005



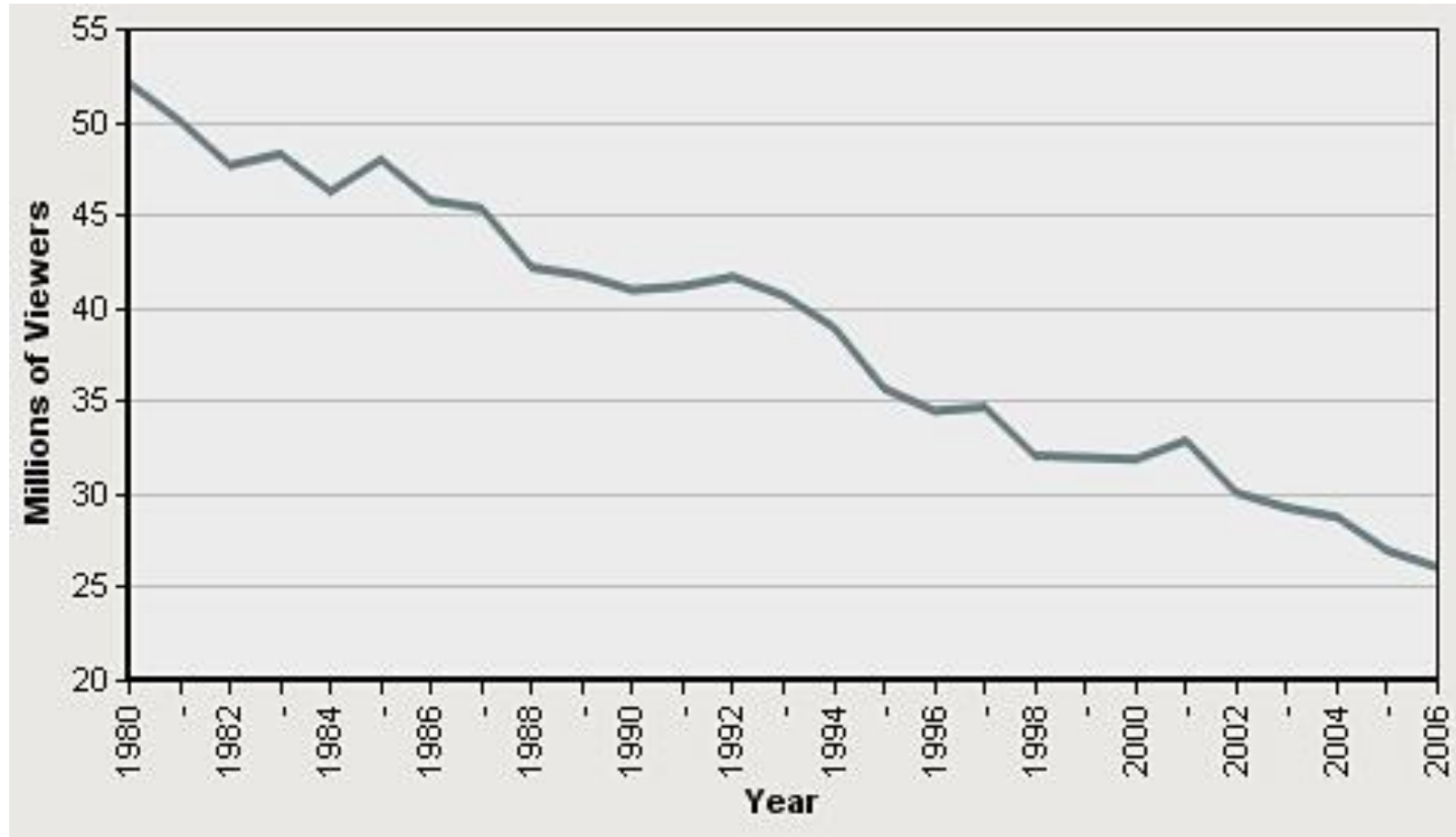
Source: ITU Information Society Statistics Database

- В світі 1,2 млрд. користувачів (Internet World Stats, <http://www.internetworldstats.com/stats.htm>).
- 108 млн. веб-сайтів (NetCraft).

# Проблеми традиційних ЗМІ

## Аудиторія вечірніх новин

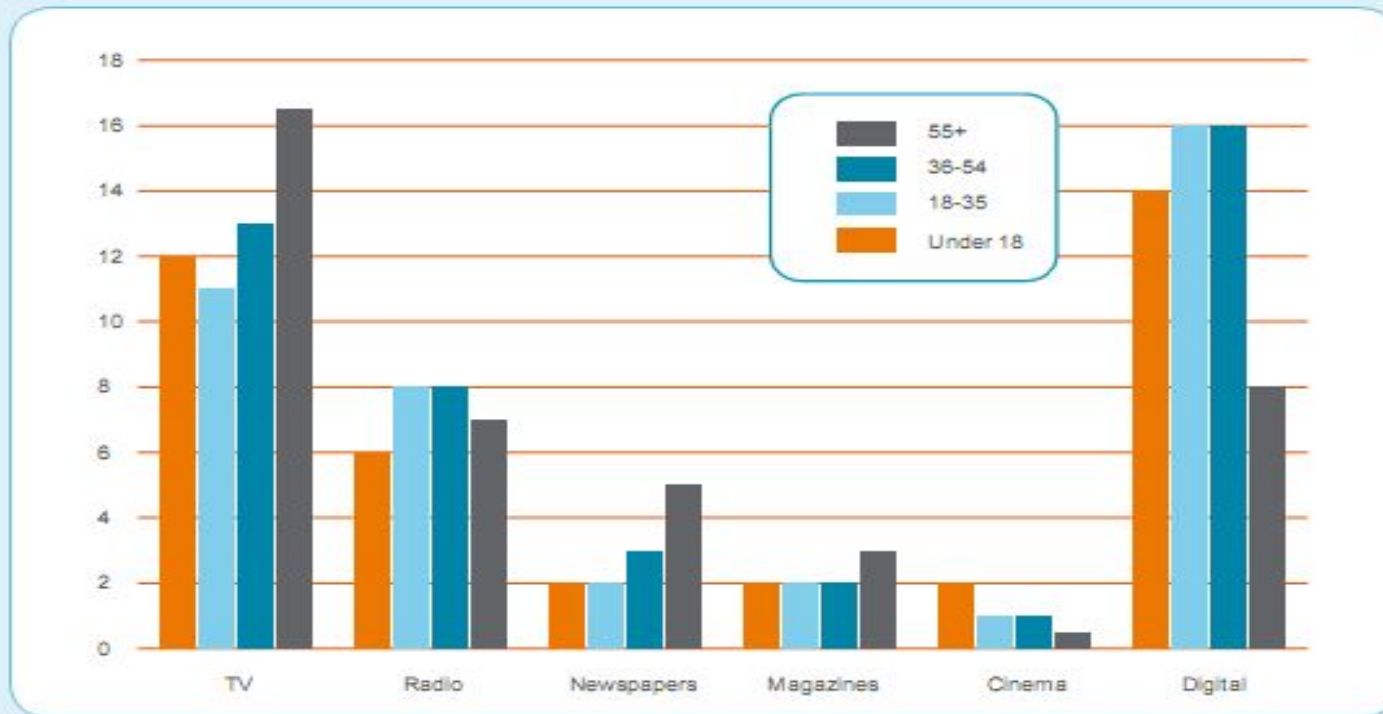
---



# Медіа для покоління Next!

**Figure 1.2: Going digital**

*Global consumption of media during leisure time by age group (hours per week)*



Source: Adapted from *Financial Times*, "Advertisers in search of revenues look to web's latest heroes", 23 August 2006, based on figures from Nielsen/Net Ratings & Credit Suisse

# Інтернет – універсальне ЗМІ

---

- ✓ Телеканали.
- ✓ Радіо.
- ✓ Преса.





# Інтернет-сайт на будь-який смак

1. Вартість публікації інформації в Інтернеті найнижча серед усіх ЗМІ.
2. У світі існує понад 108 млн. сайтів – це набагато більше, ніж газет, телеканалів і радіостанцій разом узятих. Працюють сайти на будь-які теми.



# Мобільність і низька вартість доступу

---

1. Вартість доступу в Інтернет постійно падає.
2. Інтернет стає доступним з мобільних телефонів й інших пристроїв.



# Video on demand (відео на запит)

**ВОЛЯ**

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- мировые блокбастеры
- культовая классика

UKR RUS ENG

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- [Как заказать](#)
- [Многоканальный звук](#)

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**FOXlife**

→ Смотрите самые рейтинговые сериалы на телеканалах Fox Crime и Fox Life!

**ДЛЯ АБОНЕНТОВ**

Номер договора:

Пароль:

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[Компания Воля первой в странах Восточной Европы внедрила услугу высокоскоростного доступа в Интернет – Воля Бродбенд](#)

**Скоро в кинопоказе**

[Весна в Париже](#)

«Домашний кинозал» (NVoD1) с 29 октября по 5 ноября триллер, криминал, Франция, 2006

**Дополнительный сервис видео-по-запросу** — это самый настоящий виртуальный кинотеатр, который теперь появился у абонентов Воля Премиум ТВ!

**Почему «видео-по-запросу»?**

- При просмотре фильмов качество картинки становится еще лучше, чем в цифровых пакетах Воля Премиум ТВ. Специально для этой услуги была расширена полоса передачи данных, что значительно улучшило качество видео — это особенно видно на динамически меняющихся изображениях.
- Появился желаемый многими многоканальный звук, известный как домашний кинотеатр 5.1.

**Как это работает:**

Как и в обычном кинотеатре, у кинофильмов есть расписание. Как и в обычном кинотеатре, Вы покупаете «билет», т. е. заказываете фильм. Как и в обычном кинотеатре, вы сможете выбирать разные фильмы в разных залах.

Для покупки «билета» не нужно куда-то идти! Вы его покупаете, используя уже хорошо известные вам инструменты: Персональный сайт абонента и интерактивное управление услугами с помощью телефонной связи (IVR).

После получения оплаты, в течение 30 минут, вам будет открыт доступ к просмотру выбранного вами фильма, а главное преимущество состоит в том, что Вы сможете смотреть фильм в удобное именно вам время, поскольку «билет» на заказанный фильм действует на все сеансы, т. е. он будет открыт на протяжении всего показа. В любое время!

Также как и в кинотеатре, если вы опоздали на начало сеанса — вы будете смотреть фильм не с начала. Но, достаточно подождать начала следующего сеанса — и вы будете в курсе всего происходящего! Второй раз открывать доступ к уже заказанному фильму нет необходимости!

**С 5 февраля 2009г. регулярная стоимость доступа к двум фильмам в одном кинозале на весь период демонстрации составляет 15 грн.**

**Доступ к фильму открывается для всех телевизоров, подключенных по одному договору.**

# Відео трансляції посеред вулиці

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today | week | month | all time 1 - 36 of 1,340,769

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<b>LIVE</b> <b>HQ</b> <b>USTREAM</b> 3,766 live viewers <b>Sevilla-Mallorca   Racing-Barcelona</b>	<b>LIVE</b> <b>HQ</b> <b>HD</b> 3,763 live viewers <b>lukaszewskihd</b> 1,449 total views	<b>LIVE</b> <b>HQ</b> <b>USTREAM</b> 3,543 live viewers <b>fsfsfsdfsdf545454</b> 0 total views	<b>LIVE</b> <b>HQ</b> <b>USTREAM</b> 3,259 live viewers <b>dfasadsf</b> 13,187 total views

# Пошук по відео



Viewdle is a facial recognition powered digital media platform for easily indexing, searching & monetizing video assets

- Real-Time
- Relevant
- Recognition



**Viewdle is the  
LeWeb Gold  
Prize Winner  
2008**

## See how it works

Viewdle technology recognizes actual appearances of people on screen. Search by name and find out whom we've seen in Reuters channels.

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name   
e-mail

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## RFID

Материал из Википедии — свободной энциклопедии [\[править\]](#)

**RFID** (англ. *Radio Frequency IDentification*, радиочастотная идентификация) — метод автоматической идентификации объектов, в котором посредством радиосигналов считываются или записываются данные, хранящиеся в так называемых транспондерах, или RFID-метках.

Любая RFID-система состоит из считывающего устройства (считыватель, ридер или интеррогатор) и транспондера (он же RFID-метка, иногда также применяется термин RFID-тег).

Большинство RFID-меток состоит из двух частей. Первая — интегральная схема (ИС) для хранения и обработки информации, модулирования и демодулирования радиочастотного (RF) сигнала и некоторых других функций. Вторая — антенна для приёма и передачи сигнала.

С введением RFID-меток в повседневную жизнь связан ряд проблем. Например, потребители, не обладающие считывателями, не всегда могут обнаружить метки, прикреплённые к товару на этапе производства и упаковки, и избавиться от них. Хотя при продаже, как правило, такие метки уничтожаются, сам факт их наличия вызывает опасения у правозащитных<sup>[1]</sup> и религиозных<sup>[2]</sup> организаций.

Уже известные приложения RFID (бесконтактные смарт-карты в системах контроля управления доступом и в платёжных системах) получают дополнительную популярность с развитием интернет-услуг.

### История RFID меток [\[править\]](#)

В 1946 году Лев Сергеевич Термен изобрёл для Советского Союза устройство, которое позволило накладывать аудиоинформацию на случайные радиоволны. Звук вызывал колебание диффузора, которое незначительно изменяла форму резонатора, модулируя отражённую радиочастотную волну. И хотя устройство представляло лишь пассивный передатчик (т. н. «жучок»), это изобретение причисляют к первым предшественникам RFID-технологии.

Технология, наиболее близкая к данной — система

### Содержание [\[убрать\]](#)

- История RFID меток
- Классификация RFID-меток
  - По источнику питания
    - Пассивные
    - Активные
    - Полупассивные
  - По типу используемой памяти
  - По рабочей частоте
    - Метки диапазона LF (125—134 кГц)
    - Метки диапазона HF (13,56 МГц)
    - Метки диапазона UHF (860—960 МГц)
      - Радиочастотные UHF-метки ближнего поля

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2. Roxie Food Center
3. Ike's Place
4. Arizmendi Bakery
5. The Dining Room at...

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4231 reviewed




1. Zoe Bikini
2. Lydia Daniller...
3. My Trick Pony
4. Dianne's Old & New...
5. Michael Bruno Co

...see more >


#### Nightlife

992 reviewed



#### Beauty and Spas

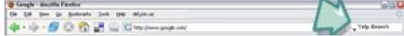
1931 reviewed



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Archie R.  
What fake doggie doo?

★★★★☆  
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I like to laugh and have fun. Don't take life too seriously.

**Next Up**



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### HOW IT WORKS

# Пряма демократія. Референдуми й вибори через Інтернет

The screenshot shows the homepage of internet.ru. At the top, there is a navigation bar with the site logo and a search bar. Below the navigation bar are several tabs: "новости", "статьи", "колонки", "монитор", "теги", "в проекте", and "контакт".

On the left side, there is a "КАЛЕНДАРЬ" (Calendar) for September 2009, showing dates from 1 to 30. Below the calendar is a "ПОИСК" (Search) section with a search box and a "найти" button. Further down are sections for "ПРОВАЙДЕРЫ.RU" (Providers) and "РУБРИКИ" (Categories), with links to "Софт", "Безопасность", "Бизнес", "Всячина", "Главная", "Интернет", "Подробности", "Развлечения", "Сервисы", and "Цифра дня". A "РЕКЛАМА" (Advertisement) section is also present.

The main content area is titled "Лента публикаций" (Publication Feed). It features a list of news items, including:

- DELIVERY-CLUB.RU - ЕДИНАЯ СЛУЖБА ДОСТАВКИ
- ЗАПУЩЕН НОВЫЙ САЙТ ГУБЕРНАТОРА МОСКОВСКОЙ ОБЛАСТИ
- СОЗДАТЕЛИ ПРОЕКТА "ОБОМНЕНИЕ" ЗАПУСТИЛИ САЙТ С ОДНОИМЕННЫМ НАЗВАНИЕМ
- "РОСПЕЧАТЬ" УВЛЕКЛАСЬ МУЗЫКОЙ
- ЯНДЕКС ПРИГЛАШАЕТ НА ПРОГУЛКУ
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Below the feed is a "СТАТЬИ И ЗАМЕТКИ" (Articles and Notes) section. The featured article is titled "Швейцарский «е-референдум» прошел успешно" (Swiss e-referendum passed successfully). The article text states: "Власти Швейцарии утверждают, что проведенный в минувшее воскресенье экспериментальный «электронный референдум» прошел без каких бы то ни было эксцессов. В общей сложности в ходе е-референдума, затрагивавшего такие судьбоносные для каждого швейцарца вопросы, как реформа почтовой службы и сроки отпусков по уходу за ребенком, приняли участие 2723 жителя четырех избирательных округов вокруг Женевы. Это, приблизительно, 22% всех избирателей, принявших участие в позавчерашнем голосовании. Власти страны решили разрешить электронное голосование после проведения нескольких успешных онлайн-выборов".

There are three promotional banners on the right side of the article:

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- "ЖК-телевизор по цене пары носков" (LCD TV for the price of a pair of socks).

At the bottom right, there is a "САМОЕ ПОПУЛЯРНОЕ" (Most Popular) section with several links, including "Детское порно чувствует себя комфортно в Рунете" (Child pornography feels comfortable in the Russian Net) and "Photofile.ru продолжает развивать средства для общения" (Photofile.ru continues to develop communication tools).

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Jan 1, 2008 - Jul 31, 2009 SimplyHired.com

**Programmer Job Trends**

This graph displays the percentage of jobs with your search terms anywhere in the job listing. Since January 2008, the following has occurred:

- [Programmer jobs](#) increased 56%

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With [Employment Trends](#), you can compare the frequency of job titles, companies, skills and industries in the US employment market. This Programmer trend data is derived from millions of jobs indexed by Simply Hired, a [job search engine](#).

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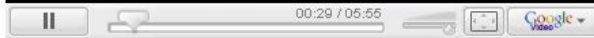
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# Розпізнавання музики й голосові інтерфейси

The screenshot shows the MusicBrainz website interface. At the top is a purple header with the MusicBrainz logo and a navigation menu with links: About, News, Products, Search, Edit, Account, Collection, Contribute, Help, and Feedback. Below the header is a left sidebar with sections: MusicBrainz Sites (Master Server, Find a Mirror, MetaBrainz, Brainz Blog, Mailing Lists, Forums, Chat Logs, Wiki, Stuff to Buy, Bug Tracker), Not logged in (Login, Create account, Forgot Password, Dashboard, Donate!), Search (Artists dropdown, Advanced Query, Direct search, Other searches), Top Voters (SuicideS... 5486, KRSCuan 1203, murdos 963, ChurruKa 755, MClemo 739), and Server Stats (Artists 484529, Releases 726693, Tracks 8347090, Labels 34636, Links 1690231, Disc IDs 335777, PUIDs 4519510). The main content area features a 'Welcome to MusicBrainz!' section with a 'What is MusicBrainz?' sub-section explaining the site's purpose as a community music metadatabase. Below this is a 'Use MusicBrainz' section with download links for Picard Tagger, Jaiko Tag Editor, and Magic MP3 Tagger. To the right, there are two news items: 'MetaBrainz Foundation' and 'MusicBrainz Blog' with a post titled 'Beta testing delayed'.

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**Server Stats**

Artists	484529
Releases	726693
Tracks	8347090
Labels	34636
Links	1690231
Disc IDs	335777
PUIDs	4519510

## Welcome to MusicBrainz!

### What is MusicBrainz?

MusicBrainz is a community music metadatabase that attempts to create a comprehensive music information site. You can use the MusicBrainz data either by browsing this web site, or you can access the data from a client program — for example, a CD player program can use MusicBrainz to identify CDs and provide information about the CD, about the artist or about related information. You can also use the MusicBrainz Tagger to automatically identify and clean up the metadata tags in your digital music collections. Find out more in the introduction.

### Use MusicBrainz

You can use Musicbrainz right now to automatically identify and label your music files — all you have to do is download and run a MusicBrainz enabled tagger. Read more about our taggers.

- Download MusicBrainz' Picard Tagger [Windows/Linux/Mac OS X]
- Download Magic MP3 Tagger [Windows -- More info...]
- Download Jaiko Tag Editor [Windows, Linux, Mac OS X -- More info...]

Alternatively, you might just want to search or browse the MusicBrainz database. If you spot a mistake, or something that is missing, you can even edit or add more data!

If you're new to MusicBrainz, please take a moment to read the beginners guide before editing the database.

If you are a software developer you might want to learn about the MusicBrainz client library / SDK. You can use the library to enable your programs to access the MusicBrainz database, both for looking up data and also for submitting new data.

## News

### MetaBrainz Foundation

The MetaBrainz Foundation, a California 501.(c).3 non-profit corporation, operates the MusicBrainz project. All donations to MusicBrainz are tax deductible!

### MusicBrainz Blog

#### Beta testing delayed

— When our first beta testing date rolled around we were not quite ready for testing and had hoped that in two weeks we could catch up and be ready. Sadly, that was not the case. We've made some changes in our team and are redoubling our efforts to get a working release editor finished as [...]

Posted: 2009-09-16 18:49 GMT  
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#### Network changes coming on Sunday Sept 13

— We're going to be changing how the traffic routes through our servers on Sunday September 13th near mid-day PDT, late evening UK time. In theory you should not notice any traffic interruptions, but theory doesn't always match up with practice. Before we start the maintenance, we're going to announce the switch over to the new route [...]

Posted: 2009-09-11 19:36 GMT  
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# Робототехніка

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## Robot

From Wikipedia, the free encyclopedia

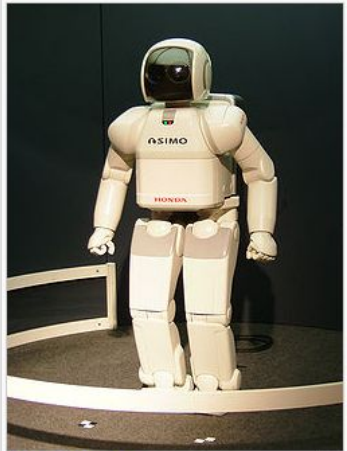
*"Robots" redirects here. For other uses, see [Robot \(disambiguation\)](#).*

*See also: [Robotics](#)*

A **robot** is a virtual or mechanical artificial agent. In practice, it is usually an electro-mechanical machine which is guided by computer or electronic programming, and is thus able to do tasks on its own. Another common characteristic is that by its appearance or movements, a robot often conveys a sense that it has *intent* or *agency* of its own.

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ASIMO, a humanoid robot manufactured by Honda

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## Memory card


From Wikipedia, the free encyclopedia



This article **needs additional citations for verification**.  
Please help [improve this article](#) by adding reliable references. Unsourced material may be challenged and removed. *(April 2008)*

A **memory card** or **flash memory card** is solid-state electronic flash memory data storage device capable of storing digital contents. These are mainly used with digital cameras, handheld and Mobile computers, mobile phones, music players, digital cinematography cameras, video game consoles, and other electronics. They offer high re-record-ability, power-free storage, small form factor, and rugged environmental specifications. There are also non-solid-state memory cards that do not use flash memory, and there are different types of flash memory. Many cards incorporate wear levelling algorithms in their design.

There are many different types of memory cards and jobs they are used for. Some common places include in digital cameras, game consoles, cell phones, and industrial applications. PC card (PCMCIA) were among first commercial memory card formats (type I cards) to come out in the 1990s, but are now only mainly used in industrial applications and for I/O jobs (using types I/II/III), as a connection standard for devices (such as a modem). Also in 1990s, a number of memory card formats smaller than PC Card came out, including CompactFlash, SmartMedia, and Miniature Card. In other areas, tiny embedded memory cards (SIM) were used in cell phones, game ds. The desire for ultra-small cards for cell-phones, PDAs, and compact digital cameras drove a trend toward smaller cards that left the previous generation of "compact" cards looking big. In digital cameras SmartMedia and CompactFlash had been very successful, in 2001 SM alone captured 50% of the digital camera market and CF had a strangle hold on professional digital cameras. By 2005 however, SD/MMC had nearly taken over SmartMedia's spot, though not to the same level and with stiff competition coming from Memory Stick variants, xD, as well as CompactFlash. In industrial fields, even the venerable PC card (PCMCIA) memory cards still manage to maintain a niche, while in cell-phones and PDAs, the memory card market is highly fragmented.



Miniaturization is evident in memory card creation; over time, the physical sizes of the memory cards grow smaller while their respective logical sizes grow larger. The memory cards listed from left to right are: Compact flash (32 MB), SD (128 MB), miniSD (1.0 GB), and microSD (2.0 GB).


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## Coca-Cola still viewed as most valuable brand

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Enlarge By Paul Sakuma, AP file

Coca-Cola's brand value rose 3% in 2009 to \$68.73 billion., Interbrand says

**By Emily Fredrix, AP Marketing Writer**

Consumers lost trust in brands this year as the recession deepened, according to an industry report released Thursday, although longtime staples *Coca-Cola* (KO) and *IBM* (IBM) retained their spots as the world's two most valuable brands.

This is the first time the combined value of the world's top 100 brands as ranked by Interbrand, a branding agency, has fallen in the 10 years Interbrand has assessed them.

**ON THE WEB:** [Past ranking, more](#)

The list's total value, including brands like *Google* (GOOG), *Nintendo* and *Sony* (SNE), fell 4.6% to \$1.15 trillion, Interbrand estimates.


"That says something about the environment that we're in, especially when you consider that brands are by nature less volatile than business valuations," said Interbrand CEO Jez Frampton, who called a company's brand its most valuable asset.

The environment — a recession the likes of which the world hasn't seen for decades — has eaten away at people's trust in specific brands, starting with financial companies, he said. Consumers even started to question retail brands as stores slashed prices to get sales, leading consumers to wonder about pricing, and why they had to pay so much before.


"All of these things lead you to re-evaluate the nature of the relationships that we have with brands and indeed how confident we feel in brands to live up to the promises they make" he said. "Brands are promises which we value and are

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**VALUABLE BRANDS**

Here's a look at the world's top 10 most valuable brands:

1. Coca-Cola, up 3% to \$68.73 billion
2. IBM, up 2% to \$60.21 billion
3. Microsoft, down 4% to \$56.65 billion
4. GE, down 10% to \$47.78 billion
5. Nokia, down 3% to \$34.87 billion
6. McDonald's, up 4% to \$32.28 billion
7. Google, up 25% to \$31.98 billion
8. Toyota, down 8% to \$31.33 billion
9. Intel, down 2% to \$30.64 billion
10. Disney, down 3% to \$28.45 billion

Sources: Interbrand's Best Global Brands report

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http://www.usatoday.com/money/advertising/2009-09-17-coke-brand\_N.htm

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