

# ONTOS



## Semantik-basiertes Management unstrukturierter Informationen



Daniel Hladky, CEO

[www.ontos.com](http://www.ontos.com)

Source: c't 2007

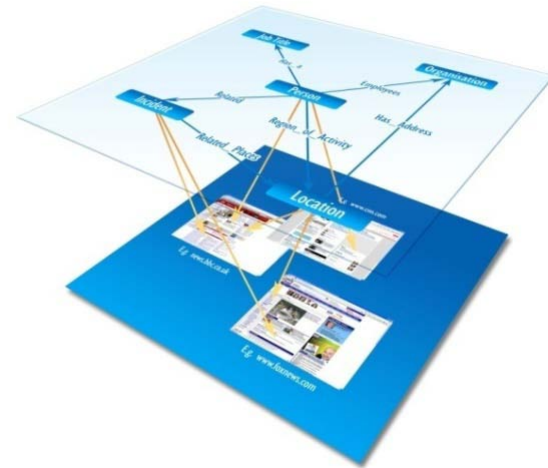


**“Language is magic, and computers are still dumb.”**

Aaron StraupCope(flickr.com)

## Agenda

- **Why semantics**
- **Use Cases & Expected Values**
- **Tendencies / Outlook**



# Why semantics

Machine readable!

1. Search
2. Content
3. Related content
4. „New Services“
5. SW Agents

RIA NOVOSTI

blackberry 1

most read

- Ukraine parliament committee against Russian Navy base deal (WRAPUP)
- Medvedev heads to Norway to discuss energy, maritime borders
- Russia wants to offer Ukraine cooperation in leading economic sector - Putin
- Russia, Ukraine revive plans to build new bridge, 'new life'
- Iran behaves 'irresponsibly' regarding nuclear program - Medvedev
- Medvedev says Russia interested in NATO proposals on anti-missile defense

BUSINESS RSS

## Russia's MTS starts BlackBerry service for non-corporate clients

19:33 23/04/2009

MOSCOW, April 23 (RIA Novosti) - MTS launched on Thursday wireless internet services through the BlackBerry platform to non-corporate subscribers, the president of Russia's largest mobile phone operator announced.

"MTS stores in Moscow have begun selling and connecting BlackBerry devices for individual clients in Moscow," Mikhail Shamolin told RIA Novosti.

The BlackBerry handheld device, developed by the Canadian company Research In Motion Limited, enables users to access e-mail, phone, text messaging, the Internet, and corporate data applications.

MTS and its major rival VimpelCom obtained licenses to import BlackBerry handsets into Russia in February 2008. After receiving approval from regulators, MTS launched BlackBerry for corporate clients in June 2008.

MTS spokesperson Inna Osadchaya said some 500 large corporate customers in Russia were currently using BlackBerry.

VimpelCom, which runs the Beeline brand, is not planning to offer BlackBerry services to individuals.

"We are planning to concentrate on developing BlackBerry service for corporate clients," VimpelCom spokesperson Ksenia Korneyeva said.

MegaFon, Russia's third-largest cellular phone operator, launched MegaSync, an analogue of BlackBerry, in December 2007.

2

3

The complex made simple

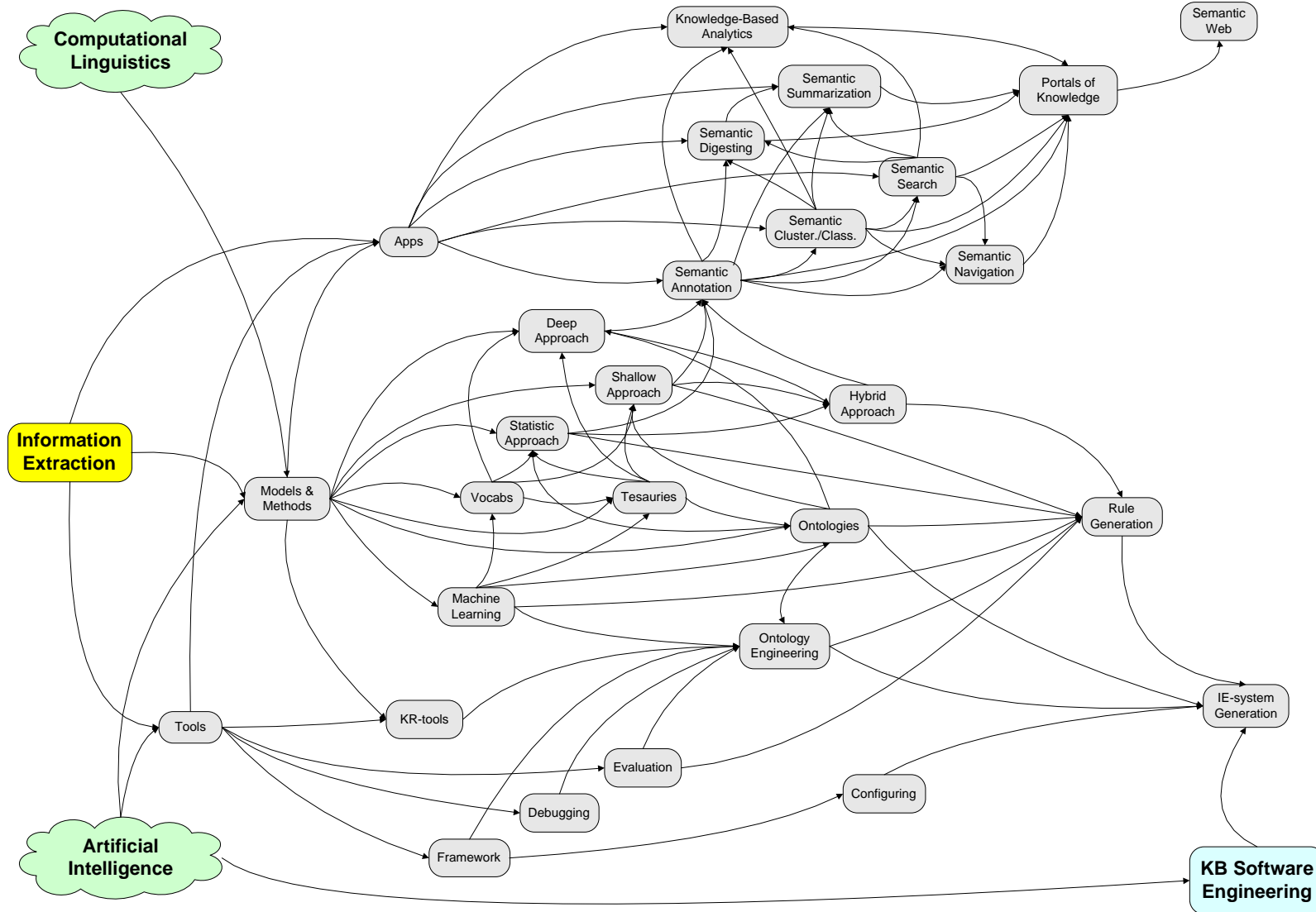
Moscow News

Businessman gunned down in Moscow courtroom

Fertig



# R&D Evolution in IE domain

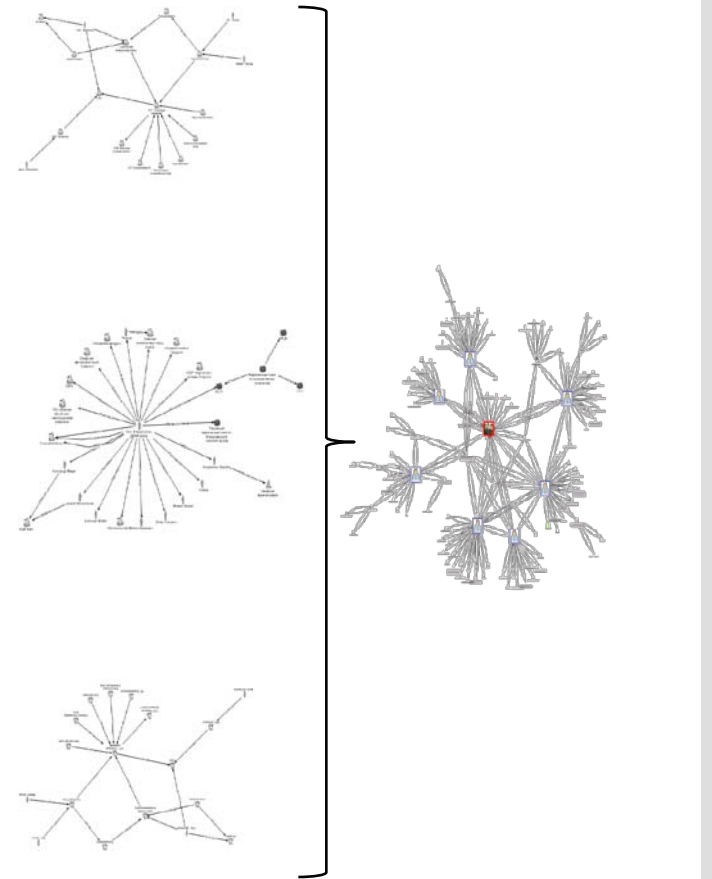


# Ontology/Rule driven NLP

Oval Group, the insurance broker consolidator, has made two new purchases: Powell Insurance Brokers of Liverpool and Wrexham-based Williams Insurance Brokers. The acquisition of Powell, which employs 40 staff and has turnover of £3.4 million, will strengthen Oval's position in north-west England, where the group has plans for further expansion. Powell specialises in the corporate sector

Maurice Greenberg, former chief executive officer of American International Group, has called for changes in the company's U.S. federal bailout package.

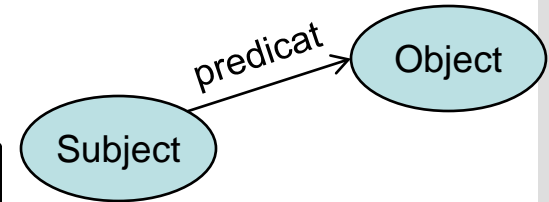
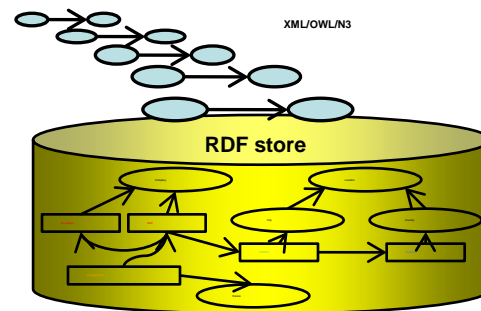
Kevin Kiernan has been named by Groupama Insurances as the firm's new director of Motor Underwriting. He joined the firm on 9th October, leaving behind the post of Business Finance head he held with AXA Insurance.



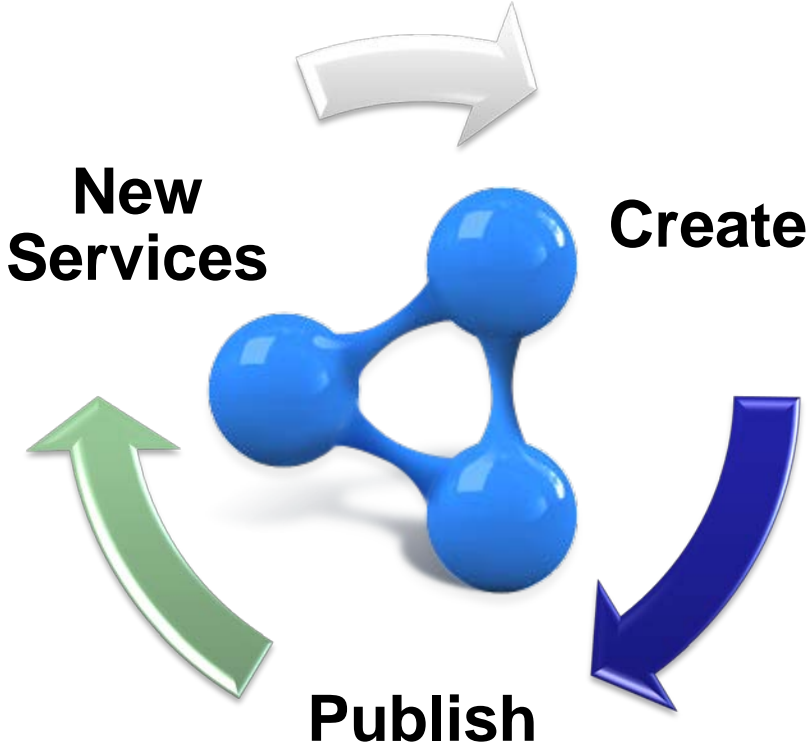
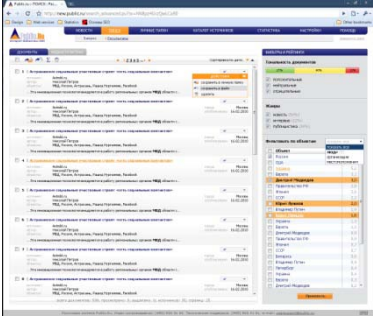
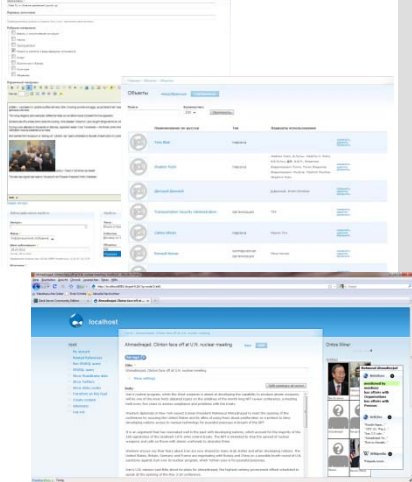
## OntosMiner™ Ruleset:

```

Rule: SimplePerson
// Daniel Hladky, Kevin Kiernan,...
(
  (({FirstPerson}):nam (({Patr}):patr)? (({Family}):fam
  (({FormerFam}):former)?
  ): phrase
-->
{
  AnnotationSet nameSet = (AnnotationSet) bindings.get("nam");
  Annotation nameAnn = (Annotation) nameSet.iterator().next();
  .....
  annotations.add(firstNode, lastNode, "Person", features);
}
    
```



# Use Cases



# Enriched Search



[Brasserie Les Halles - Flatiron - New York, NY](#) ☆

★★★★☆ 425 reviews - Price range: \$\$\$

425 Reviews of Brasserie **Les Halles** "It feels like a French brasserie in here... from the wall décor and bizarrely low lighting to the extremely cramped ...

[www.yelp.com/biz/brasserie-les-halles-new-york](http://www.yelp.com/biz/brasserie-les-halles-new-york) - [Cached](#) - [Similar](#)

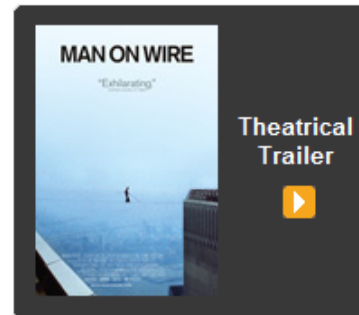
## Google Rich Snippets



+



## Yahoo! SearchMonkey



[Man on Wire \(2008\)](#)

[movies.yahoo.com](http://movies.yahoo.com)

[Yahoo's A-](#), [Critics A-](#) On August 7th 1974, a young Frenchman named Philippe Petit stepped out on a wire illegally rigged between New... [more](#)

Running Time: 1 hr 42 mins

Directed by: [James Marsh](#)

Starring: [Philippe Petit](#), ... [more](#)

[Man on Wire](#)

Official site of the movie **Man on Wire**, the documentary about Philippe Petit's illegal high-wire walk between the Twin Towers of the World Trade Center in 1974.

[www.manonwire.com](http://www.manonwire.com) - [Cached](#)

[Man on Wire - Wikipedia, the free encyclopedia](#)

[Production](#) | [Reception](#) | [Soundtrack](#) | [See also](#)

**Man on Wire** is a 2008 documentary film directed by James Marsh. The film chronicles Philippe Petit's 1974 high-wire walk between the Twin Towers of New York's World Trade Center. It is...

[en.wikipedia.org/wiki/Man\\_on\\_Wire](http://en.wikipedia.org/wiki/Man_on_Wire) - 54k - [Cached](#)







# Danke! – Fragen

# ?

## Antworten jetzt Am Stand/Ausstellung Am API Vortrag



Daniel Hladky, CEO

Ontos AG

Mittelstrasse 24, 2560 Nidau  
Tel.: +41 32 33292-50  
Fax: +41 32 33292-52  
daniel.hladky@ontos.com



Russia's MTS to launch BlackBerry service in late April | Top Russian news and analysis online | 'RIA Novosti' newswire - Mozilla Firefox

http://en.rian.ru/business/20090409/121027444.html

Russia's MTS to launch BlackBerry serv...  
 · Yanukovich reverses Ukraine's position on Holodomor famine  
 · Ukraine, Belarus, U.S., UK leaders beg off V-Day celebrations in Moscow

**BUSINESS** RSS

## Russia's MTS to launch BlackBerry service in late April

13:08 09/04/2009

MOSCOW, April 9 (RIA Novosti) - MTS will offer BlackBerry, a leading wireless platform, to individual Russian subscribers by late April, the president of Russia's largest mobile phone operator announced.

"We will launch it in two weeks," Mikhail Shamolin said.

BlackBerry is a popular wireless solution enabling its users "to easily access e-mail, phone, text messaging, Internet, organizer and corporate data applications from a single, integrated device," the U.S. company said on its website.

Russia's Federal Security Service agreed the service provisions with BlackBerry in November 2007, to confirm they complied with Russian legal requirements.

MTS and its major rival VimpelCom obtained licenses to import BlackBerry handsets into Russia in February 2008. After receiving approval from all regulators, MTS launched BlackBerry for corporate clients in June 2008.

MTS Spokesperson Irina Osadchaya said some 500 large corporate customers in Russia were currently using BlackBerry.

VimpelCom, which runs the Beeline brand, is not planning to offer BlackBerry services to individuals.

"We are planning to concentrate on developing BlackBerry service for corporate clients," VimpelCom spokesperson Kseniya Korneyeva said.

MegaFon, Russia's third-largest cellular phone operator, launched MegaSync, an analogue of Blackberry, in December 2007.

27/04/2010 Eggs and smoke bombs; Mayhem unleashed in Ukrainian Parliament

27/04/2010 Dmitry Medvedev, his wife and members of Norway's royal family

### Infographics on en.rian.ru

10 Famous Men Who Were Really Women

Dad Retu

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**STORIES**

**Tensions rise as Ukrainian parliament ratifies deal (Update 2)**

The Ukrainian parliament has ratified the deal with Russia amid brawls in the chamber and outside parliament, a RIA Novosti correspondent reports on Tuesday

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File: Russia's MTS to launch BlackBerry service in late April

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Russia's MTS to launch BlackBerry service in late April | Top Russian news and analysis online | 'RIA Novosti' newswire

MOSCOW, April 9 (RIA Novosti) - MTS will offer BlackBerry, a leading wireless platform, to individual Russian subscribers by late April, the president of Russia's largest mobile phone operator announced.

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MTS and its major rival VimpelCom obtained licenses to import BlackBerry handsets into Russia in February 2008. After receiving approval from all regulators, MTS launched BlackBerry for corporate clients in June 2008.

cho of De-Modernization: Medvedev Flew to Dagestan

is Responsible for a Wave of Phobic Temper in Russia

nyaya: The End of a Siege

cyclopedia Of Extremism: What is the Truth

A roundup of what has happened

Fertig

Public.ru :: ПОИСК : Рас... x +

http://new.public.ru/search\_advanced.pu?sv=hN8pz4GrzQwLca90

Design Web services Statistics Основы SEO Other bookmarks

Public.Ru Интернет-библиотека СМИ

НОВОСТИ ПОИСК ЛИЧНЫЕ ПАПКИ КАТАЛОГ ИСТОЧНИКОВ СТАТИСТИКА НАСТРОЙКИ ПОМОЩЬ

Запрос Результаты ЗАВЕРШИТЬ СВЯЗЬ

ДОКУМЕНТЫ МЕДИАСТАТИСТИКА

Сортировка по дате: ▾

1 Астраханские социальные участковые строят «сеть социальных контактов»

источник: Astrob1.ru  
автор: Николай Петров  
объекты: МВД, Россия, Астрахань, Рашид Нургалиев, Facebook

... Эта инновационная технология внедряется в работу региональных органов МВД области с...

2 Астраханские социальные участковые строят «сеть социальных контактов»

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7 Астраханские социальные участковые строят «сеть социальных контактов»

источник: Astrob1.ru  
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8 Астраханские социальные участковые строят «сеть социальных контактов»

источник: Astrob1.ru  
автор: Николай Петров  
объекты: МВД, Россия, Астрахань, Рашид Нургалиев, Facebook

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- сохранить в личную папку
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всего документов: 500; просмотрено: 0; выделено: 0; источников: 35; страниц: 25

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Тональность документов

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Фильтровать по объектам

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организации

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<input type="checkbox"/>	Объект	
<input checked="" type="checkbox"/>	Россия	
<input type="checkbox"/>	США	
<input type="checkbox"/>	Украина	5,2
<input type="checkbox"/>	Европа	3,1
<input checked="" type="checkbox"/>	Дмитрий Медведев	3,0
<input type="checkbox"/>	Правительство РФ	2,8
<input type="checkbox"/>	Япония	2,6
<input type="checkbox"/>	СССР	2,2
<input type="checkbox"/>	Юрий Лужков	2,0
<input type="checkbox"/>	Владимир Путин	1,9
<input type="checkbox"/>	Борис Немцов	1,6
<input type="checkbox"/>	Украина	1,3
<input type="checkbox"/>	Европа	1,1
<input type="checkbox"/>	Дмитрий Медведев	0,9
<input type="checkbox"/>	Правительство РФ	0,8
<input type="checkbox"/>	Япония	0,7
<input type="checkbox"/>	СССР	0,7
<input type="checkbox"/>	Беларусь	0,6
<input type="checkbox"/>	Владимир Путин	0,4
<input type="checkbox"/>	Петербург	0,4
<input type="checkbox"/>	Украина	0,4
<input type="checkbox"/>	Европа	0,3
<input type="checkbox"/>	Дмитрий Медведев	0,2

Применить


Welcome on the GRPM site - Latest News - Mozilla Firefox

Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe

http://www.grpm.ch/index.php?option=com\_wrapper&Itemid=63#frame3.8036961841375216

Meistbesuchte Seiten Erste Schritte Aktuelle Nachrichten

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search...  
TOP MODULE EMPTY

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TAGS

TEXT SIZE

A+ | A- | Reset

MAIN MENU

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- Products & Services
- Members
- Representatives
- Related organisations
- Why become member?
- Contact
- Search

IDENTIFICATION

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ARTICLES FOR 'MAURER' [SORTED BY DATE]

March 17, 2010 (2)

05:45 Achtung, eine A-Bombe! Armeechef warnt vor Nuklearangriff in der Schweiz - Schweiz: Standard - tag...  
Die Taliban setzen in der Schweiz Atomsprengköpfe ein – für Armeechef André Blattmann ein durchaus d...  
CVP | André Blattmann | Schweiz | Urs Schwaller | Griechenland [tagesanzeiger.ch](#)

05:45 Achtung, eine A-Bombe! Armeechef warnt vor Nuklearangriff in der Schweiz - Schweiz: Standard - ber...  
Die Taliban setzen in der Schweiz Atomsprengköpfe ein – für Armeechef André Blattmann ein durchaus d...  
CVP | André Blattmann | Schweiz | Urs Schwaller | Griechenland [bernerzeitung.ch](#)

February 17, 2010 (1)

13:46 20 Minuten Online - Eine knappe Milliarde fürs Militär - Schweiz  
Der Bundesrat beantragt dem Parlament ein Rüstungsprogramm 2010 im Wert von 529 Millionen Franken. D...  
Tessin | Bundesrat [20min.ch](#)

December 11, 2009 (1)

06:43 20 Minuten Online - Maurer will wieder Radtruppe - Schweiz  
Das Armeebudget ist knapp: Deshalb könnte es statt Kampjets bald neue Militärvelos geben. So der Wu...  
SP | Bundesrat [20min.ch](#)

November 17, 2009 (1)

Displaying 1 - 10 of 104

Fertig

Объекты Неодобренные Одобрённые

Поиск:  Количество: 100

Наименование по-русски	Тип	Варианты использования
 Tony Blair	персона	<a href="#">изменить</a> <a href="#">удалить</a> <a href="#">заменить</a>
 Vladimir Putin	персона	Vladimir Putin, В.Путин, Vladimir V. Putin, В.В.Путин, 普京, В.В.П., Владимир Владимирович Путин, Путин Владимир Владимирович, Routine, Vladimir Routine, Wladimir Putin <a href="#">изменить</a> <a href="#">удалить</a> <a href="#">заменить</a>
 Дмитрий Донской		Д.Донской, Dmitri Donskoy <a href="#">изменить</a> <a href="#">удалить</a> <a href="#">заменить</a>
 Transportation Security Administration	организация	TSA <a href="#">изменить</a> <a href="#">удалить</a> <a href="#">заменить</a>
 Carlos Ghosn	персона	Карлос Гон <a href="#">изменить</a> <a href="#">удалить</a> <a href="#">заменить</a>
 Renault Nissan	коммерческая организация	Рено-Ниссан <a href="#">изменить</a> <a href="#">удалить</a> <a href="#">заменить</a>
 Дагестан	Местоположение	Dagestan, Dagestan <a href="#">изменить</a> <a href="#">удалить</a> <a href="#">заменить</a>
 Лех Качиньский	персона	Lech Kaczynski <a href="#">изменить</a> <a href="#">удалить</a> <a href="#">заменить</a>

**Заголовок:**

Fists fly in Ukraine parliament punch up

**Перевод заголовка:**

Перевод заголовка на ваше усмотрение. Если пусто - заполняется автоматически.

**Рубрика материала:**

- Власть и политическая ситуация
- Наука
- Происшествия
- Россия в системе международных отношений
- Спорт
- Экономика и бизнес
- Культура
- Общество

**Первичный материал:**

Rich text editor toolbar with icons for bold, italic, underline, bulleted list, numbered list, link, unlink, undo, redo, text color, background color, font size, and font face.

(CNN) — Lawmakers in Ukraine scuffled with each other, throwing punches and eggs, as parliament met Tuesday to ratify a treaty with Russia that extends the latter's navy presence peninsula until 2042.

The ruling Regions party eventually ratified the treaty but not before howls of protest from the opposition.

Someone set off a smoke bomb inside the building, while Speaker Volodymyr Lytvyn sought refuge behind an umbrella as he was pelted with eggs.

During a rally attended by thousands on Saturday, opposition leader Yulia Tymoshenko — the former prime minister who lost to Viktor Yanukovich in the presidential election run-off in ratification must be prevented at all costs.

She claimed that Yanukovich is "selling out" Ukraine, has "openly embarked on the path of destruction of (Ukraine's) national interests, and has actually begun the process of eliminat



Gallery: Chaos in Ukrainian parliament

The deal was signed last week by Yanukovich and Russian President Dmitry Medvedev.

body p

Disable rich-text

**Библиографические атрибуты**

**Авторы:**

**Жанр:** Информационное сообщение

**Дата публикации:** 28.04.2010  
Format: 28.04.2010  
Правильно только так: 10.04.2009 Неправильно: 10.04.09, 04/10/09

**Источник:**

**Атрибуты**

**Темы:** Россия в Крыму

**События:** Договор по Черноморскому Флоту

**Объекты:** Ме **Медведев**

Ahmadinejad, Clinton face off at U.N. nuclear meeting | localhost - Mozilla Firefox

http://localhost:8081/drupal-6.16/?q=node/1/edit

localhost

Home > Ahmadinejad, Clinton face off at U.N. nuclear meeting

### Ahmadinejad, Clinton face off at U.N. nuclear meeting

View Edit

Get tags!

Title: \*

Ahmadinejad, Clinton face off at U.N. nuclear meeting

Menu settings

Split summary at cursor

**Body:**

Iran's nuclear program, which the West suspects is aimed at developing the capability to produce atomic weapons, will be one of the most hotly debated topics on the sidelines of the month long NPT review conference, a meeting held every five years to assess compliance and problems with the treaty.

Western diplomats in New York expect Iranian President Mahmoud Ahmadinejad to mark the opening of the conference by accusing the United States and its allies of using fears about proliferation as a pretext to deny developing nations access to nuclear technology for peaceful purposes in breach of the NPT.

It is an argument that has resonated well in the past with developing nations, which account for the majority of the 189 signatories of the landmark 1970 arms control treaty. The NPT is intended to stop the spread of nuclear weapons and calls on those with atomic warheads to abandon them.


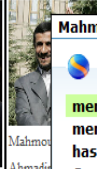




Western envoys say their fears about Iran are now shared by many Arab states and other developing nations. The United States, Britain, Germany and France are negotiating with Russia and China on a possible fourth round of U.N. sanctions against Iran over its nuclear program, which Tehran says is for peaceful purposes.

Iran's U.N. mission said little about its plans for Ahmadinejad, the highest-ranking government official scheduled to speak at the opening of the May 3-28 conference.

Ontos Miner

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Entities

 Ban Ki-moon	 Mahmoud Ahmadinejad	<b>Mahmoud Ahmadinejad</b> Relations mentioned by <b>has affairs with Organisations has affairs with Persons</b> Articles "Possible Suspec..." "NPT 101: Why I..." "Iran, U.S. take..." "Ahmadinejad: No..." "Eyes on Ahmadin..." Wikipedia Wikipedia Article
 Ahmadinejad	 George E	
 Obama	 Barack Obama	

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