

Otvoreni model razvoja kao šansa

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Pravna napomena / Disclaimer



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HrOUG-a

Agenda

- Uvod
- Softverska industrija?
- Modeli razvoja softverske industrije
 - Oslanjanje na standardne strane dobavljače
 - Razvoj vlastite softverske industrije
 - Otvoreni model razvoja
- Stanje u Republici Hrvatskoj
- Pitanja i odgovori

Softverska industrija?

Softverska industrija u Republici Hrvatskoj?

Model #1: „consulting“ theory

Presented by Miroslav Madjaric, INA MOL

- Standard industry based solutions
 - Give up on our own software industry
 - Consult on existing standard industry based solutions
 - Customize existing standard industry based solutions
 - Domestic development/customization partnered with international players
 - Develop international competency
 - Follow global IT trends
- “You cannot get fired for using those products!”

Model #1: „consulting“ theory BAD

Few bad things about model #1:

- Give up on our own software industry
- Give up on our creativisim
- Heavy dependance on foreign software multinational companies

Model #2: „our own SW“ theory

Presented by Dragan Kovac, Opatija 2005:

- Develop our own software solutions
- Develop our own software industry
- Develop our own software consultants
- Grow of domestic IT
- Grow of employment rate
- Lower dependance on international software industry
- More customized solution
- Optimized solution

Model #2: „our own SW“ theory BAD

Few bad things about this model:

- Low international competency
- It actually takes lot of effort to develop
- It actually takes lot of money to develop
- It actually takes lot of time to develop
- It's too late?

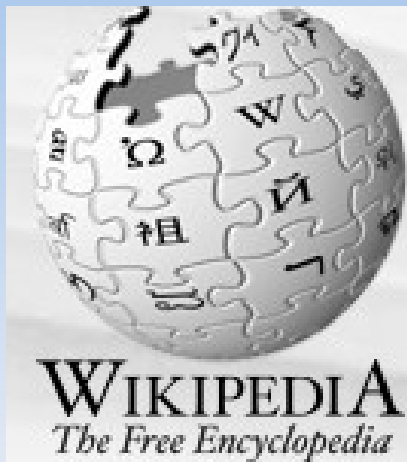
Slobodni softver?



OTVORENI SOFTVER?

- The freedom to run the program, for any purpose (freedom 0).
- The freedom to study how the program works, and adapt it to your needs (freedom 1). Access to the source code is a precondition for this.
- The freedom to redistribute copies so you can help your neighbor (freedom 2).
- The freedom to improve the program, and release your improvements to the public, so that the whole community benefits (freedom 3). Access to the source code is a precondition for this.

Wikipedia



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Today's featured article



The **War of the Fifth Coalition** in 1809 pitted the Austrian Empire against Napoleon's French Empire. Austria, the main participant, unfolded over a period of 18 months with horrific casualty rates. Britain, already involved in the [Peninsular War](#), sent another [expedition](#) to the continent, although this had little impact on the outcome of the conflict. In the [Danube valley](#), the war ended favorably for the French after the resulting [Treaty of Schönbrunn](#) imposed harsh terms upon Austria, including the loss of over three million subjects, about one-fifth of her total population. In the [Adriatic ports](#), while [Galicia](#) was given to the [Poles](#) and the [Saxons](#), fighting in the [Iberian Peninsula](#) would continue. The [War of the](#)

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OpenStreetMap



The Free Wiki World Map

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OpenStreetMap allows you to view, edit and use geographical data in a collaborative way from anywhere on Earth.

OpenStreetMap's hosting is kindly supported by the [UCL VR Centre](#) and [bytemark](#).

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View

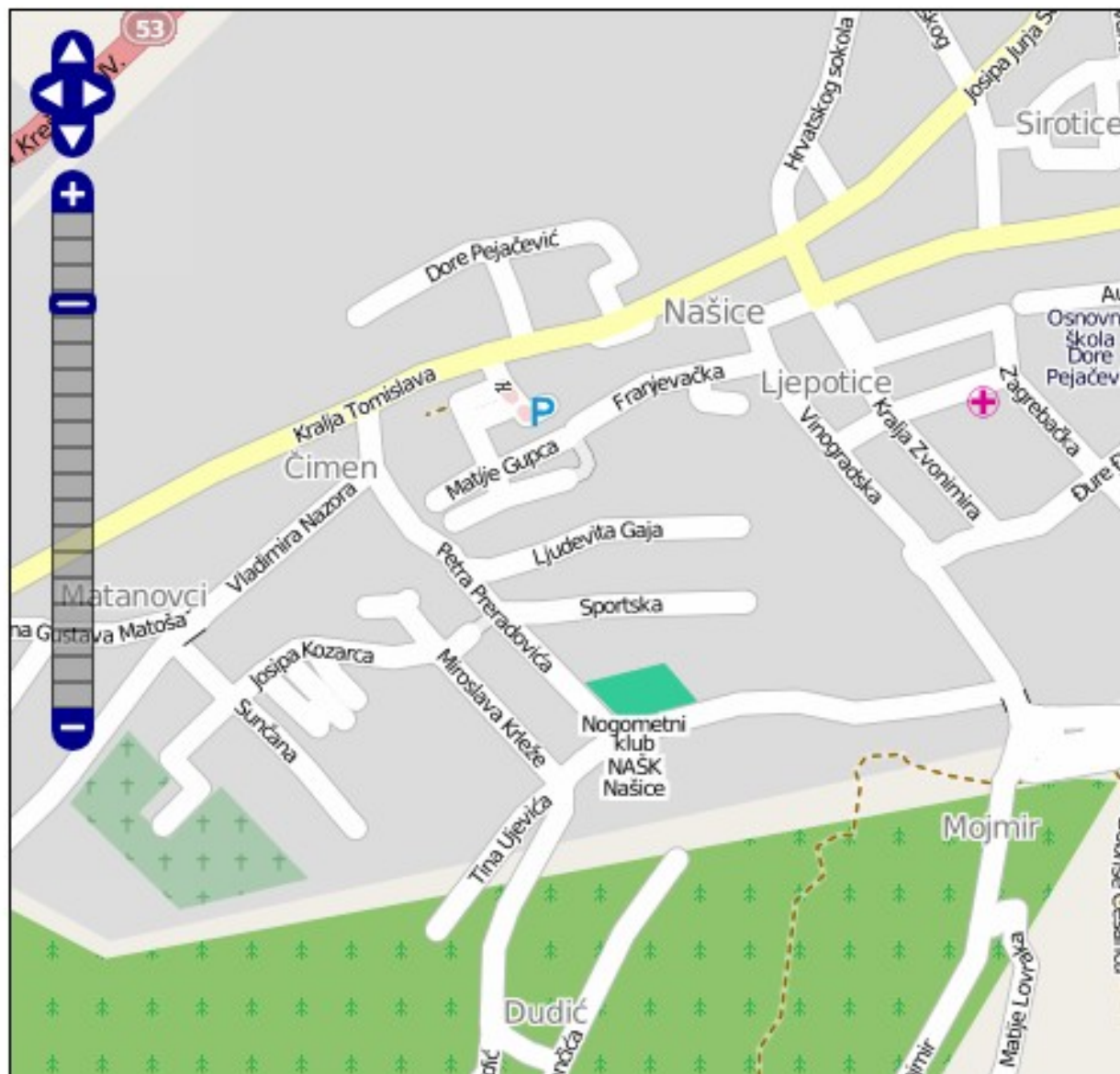
Edit

History

Export

GPS Traces

User Diaries



Problemi zatvorenog softvera

Problemi prepoznati od strane središnjeg ureda za e-hrvatsku:

- Softverski produkti mogu postaviti ograničene komercijalne uvjete za korištenje i mogu ograničiti naše mogućnosti
- Mogu dovesti do ovisnog položaja na proizvođača softvera
- Mogu negativno utjecati na uspjeh i efikasnost eAdministracijskog projekta
- Ne možemo ga mijenjati, nadopuniti ga, ili povezati sa softverom drugog proizvođača
- Proizvođač može prekinuti podršku za stare tipove dokumenata

Model #3: „open source“ theory

Facts about open source theory:

- Focus on open source (usage & development)
- Croatian IT can be involved in development, localization and customization of global open software
- Develop international competencies
- Creativity is for those who want
- Customization is for those who want
- Consultation is for those who want

Slobodni softver

- Brži i efikasniji razvoj
- Kvalitetnije rješenje
- Osiguravanje dugovječnosti programske podrške
- Neovisnost o (jednom) dobavljaču
- Primjena otvorenog modela u edukaciji
- Cijena korištenja programske podrške
- Otvorenost programske podrške
- ...

Konkurentnost

Nekonkurentno Vijeće za konkurentnost ! RT
BankaMagazine: Poražavajuća konkurentnost Hrvatske
<http://tinyurl.com/maqa8r>

5:26 AM Sep 8th from web

<http://twitter.com/ZvonkoPavic>

Objavljeno

8.9.2009 12:24:51

Vrijeme zadnje promjene

8.9.2009 15:00:45

Poražavajuća konkurentnost - Hrvatska kao Maroko, Namibija i Vijetnam

Na rang ljestvici globalne konkurentnosti Hrvatska je u godinu dana pala za čak 11 mjesta

Nives Matijević

<http://www.bankamagazine.hr/Naslovnica/Vijesti/Hrvatska/tabid/102/View/Details/ItemID/54009/ttl/Porazavajuca-konkurentnost---Hrvatska-kao-Maroko-Namibija-i-Vijetnam/Default.aspx>

Razine konkuretnosti

OTVORENI KOD

OTVORENI STANDARDI

TRENUTNO

Otvoreni standardi

”...Otvoreni standardi su oni koji su dostupni svima pod jednakim uvjetima i bez plaćanja naknade, i to tako da su svi detalji tehničke dokumentacije standarda otvoreno dostupni i da je osigurana trajna dostupnost do svih verzija standarda...”

Strategija Programa One Stop Shop, Središnji državni ured za e-Hrvatsku

Otvoreni standardi i konkurentnost

”...Primjena vlasničkih standarda dovodi do ograničenja tržišne utakmice i često korisnika veže uz jednog ili ograničeni skup dobavljača. Takva ograničenja treba izbjegavati kada je god to moguće. Nasuprot tome, primjena otvorenih standarda omogućava interoperabilnost i modularnost rješenja, te olakšava razmjenu podataka čime se proširuje izbor rješenja za operacijske sustave i aplikacije...”

Strategija Programa One Stop Shop, Središnji državni ured za e-Hrvatsku

Wikipedia Size

Encyclopedias by size

Encyclopedia	Edition	Articles (thousands)	Words (millions)	Est. characters (millions)	Average words per article
<i>Wikipedia</i>	English	>3,000	>1,000	>3,500	435
<i>Hudong</i>		>3,200	>3,700	—	—
<i>Siku Quanshu</i> (四庫全書)*	1782 [†]	—	800	—	—
<i>Yongle Encyclopedia</i> (永樂大典)*	1403 [†]	—	370 ^[7] ↗ / 770 ^[8] ↗	—	—
<i>Enciclopedia universal ilustrada europeo-americana</i>	1933	>1,000 [‡]	200	1,000	—
<i>Gǔjīn Túshū Jíchéng</i> (古今圖書集成)	1725 [†]	—	100	—	—
<i>Encyclopedia of China</i> (中国大百科全书)	1993	80	126.4	—	1580
<i>Enciclopedia italiana</i>	1939	60 [§]	50	247	833
<i>Nationalencyklopedin</i>	—	183 ^{**}	—	—	—
<i>Encyclopædia Britannica</i>	2002	65 ^[9] ↗	44	—	650
	Online	120	55	300	370
<i>Great Soviet Encyclopedia</i>	1978	100	21 ^{††}	200	570
<i>Encyclopédie</i>	1751-1780	72	20	—	278
Microsoft Encarta	Encarta Deluxe 2002	70 ^{‡‡}	40	200	600
	Encarta Deluxe 2005 ^{**}	63	40	200	200
	2002 <i>Encarta Encyclopedia</i>	40	26	200	200
<i>Encyclopedia Americana</i>	2004	45 ^[10] ↗	25	—	556
<i>Grolier Multimedia Encyclopedia Online</i>	—	39 ^[11] ↗	11	70	280
<i>Columbia Encyclopedia</i>	Sixth	51	6.5	40	130
<i>Meyers Konversations-Lexikon</i>	Fourth ed. 1888-92	97	15.5	110	—
<i>Encyclopædia Universalis</i>	13th ed. 2008	41.5 [*]	60	350	1450

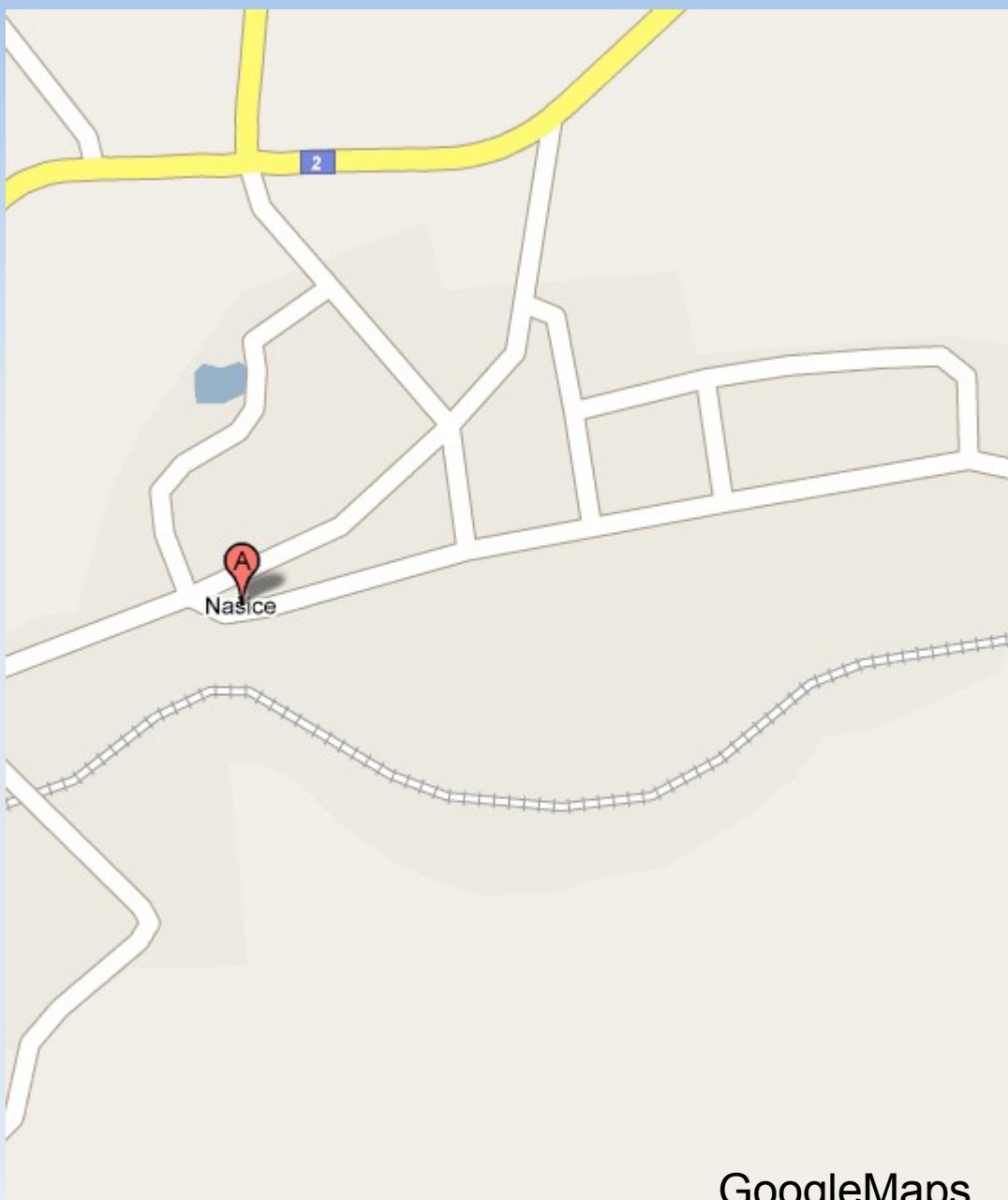
Wikipedia vs ...

“...If you argue on number of articles, there's no contest. Britannica has around 100,000 if you include the supplementary books, where Wikipedia has over 2 million. What's more, on many subjects Wikipedia has much more detail...”

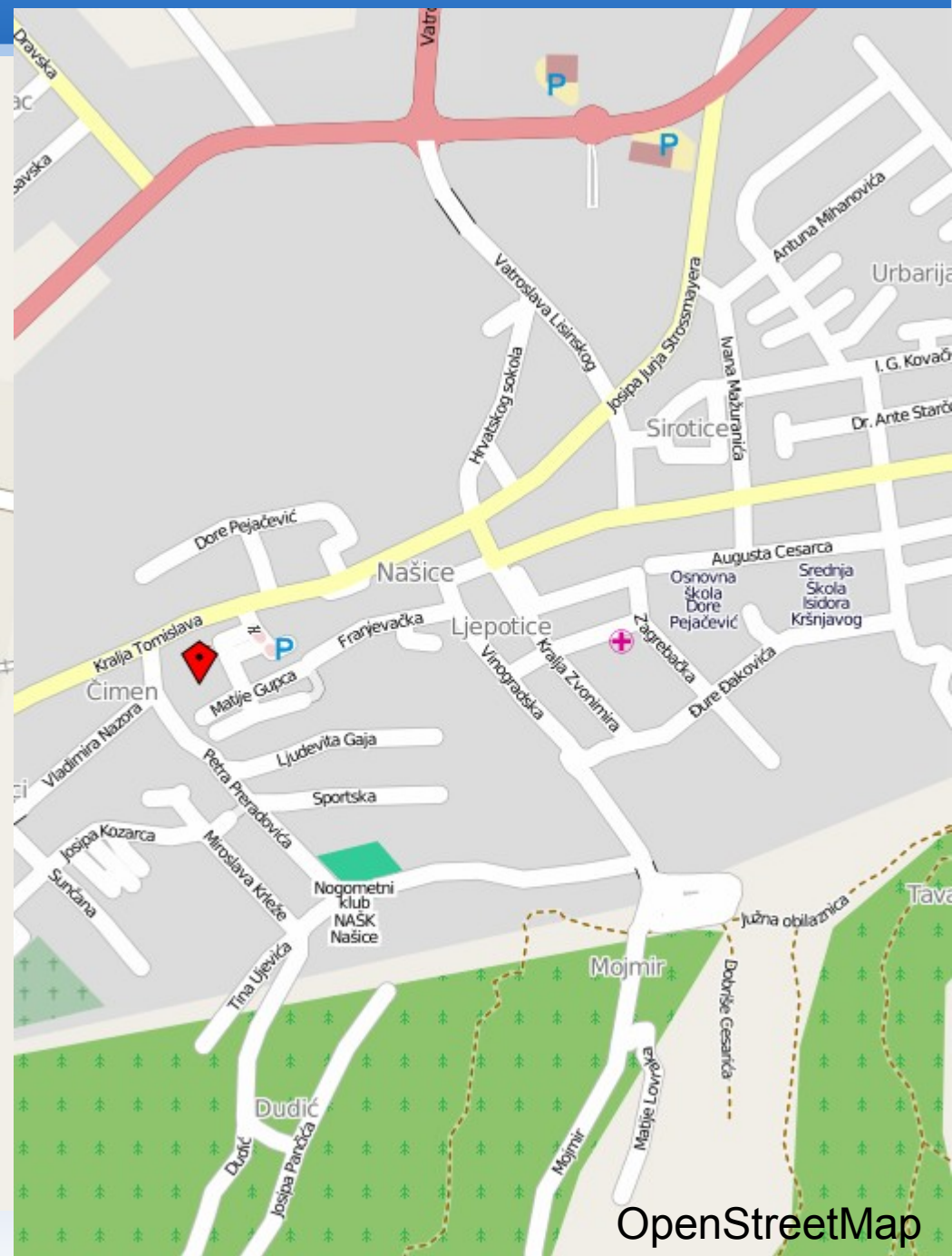
Popular Science

<http://www.popularscience.co.uk/gifts/rev18.htm>

Google Maps vs OpenStreetMap



GoogleMaps



OpenStreetMap

Gartner: 80% software will be open source by the year 2012

80% of Software Will Be Open source

PDF PRINT EMAIL



Gartner Inc., an IT research and advisory company housed in Connecticut, made the prediction that by the year 2012, more than 80% of all computer software would be or would contain open source. Due to the steady increase in the number of programmers, the ability for those programmers to communicate over the Internet, and the desire for cheaper software, open source is going to experience a huge boom. You might think this is a bold statement, considering the overwhelming number of proprietary software users in the world today, but the cost and ease of developing open source software will likely result in a significant boost in the number of open source applications.

19
diggs

digg it



http://linuxhow2.com/News/80_of_Software_Will_Be_Open_source.html

Problemi zatvorenog softvera

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Open source policy

http://www.e-hrvatska.hr/repozitorij/dokumenti/downloads/OSSpolicy_0drednice.pdf

- www.e-hrvatska.hr / www.e-croatia.hr
- Published in July, 2006
- entitled 'Directions for Development and Use of Open Source Code Computer Programmes in Bodies and Institutions in State Administration'
- Policy about usage of open source
- first public document that mentions the use of open source software
- Scope: state administration bodies (+education)

OPEN SOURCE POLICY GUIDELINES

The document includes the following guidelines:

- Government institutions will choose and/or develop open source solutions as much as possible, instead of using closed source alternatives.
- The government will support development of closed source solutions that use open standards for protocols and file formats, and which are developed in Croatia.
- The government will support the use of open source programs and open standards outside of its institutions.
- The government will support the use of open source solutions in educational institutions; both closed and open source solutions will be equally presented to students.

OPEN SOURCE POLICY EXPECTATIONS

E-Croatia expectations:

- could lead to a greater independence from suppliers
- increase the transparency of the administration's work
- ensure free access to information
- using Open Source-based solutions will allow public savings
- strengthen the domestic information science industry

Quote:

“...We (the open source advocates) hope that the Croatian government will have the strength to actually implement the open source policy. Until that moment, the policy is just like an unsent letter.”

...OSS POLICY HITS SLASHDOT!

What happens when press tries to make overview?

- Technical and political difficulties
- Implementation is real thing
- Just warning against euphoria

“Are you sure this guy is coming from Croatian Linux Users Group and not Microsoft User Group?” - Slashdot (anonymous?) coward :)

OPEN SOURCE POLICY – BAD THINGS

FEW BAD THINGS ABOUT OPEN SOURCE POLICY:

- There's no person responsible for policy
- No due dates for implementation
- No requirements
- Elections coming soon?

“Dog ate my homework!”

Model #3: open source theory BAD

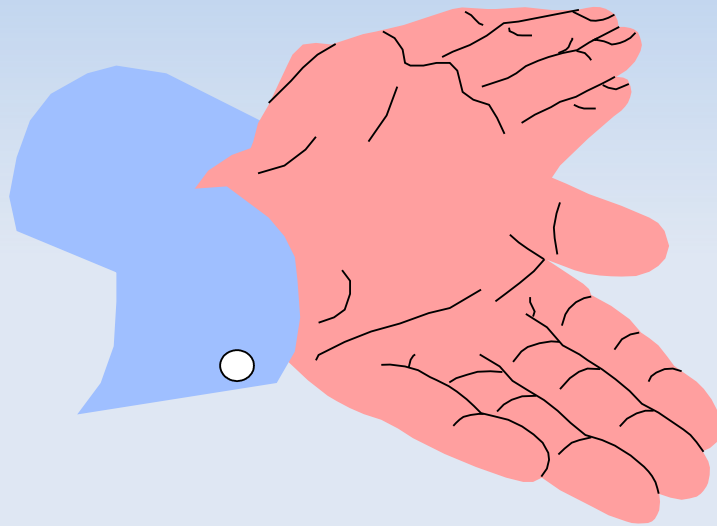
Few bad things about open source theory:

- YOU TELL ME?

Citat za kraj...

"Once a new technology rolls over you, if you're not part of the steamroller, you're part of the road"
- Stewart Brand

Aplauz



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Pitanja

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