

RNIDS NEWS



RNIDS
Serbian National Register
of Internet Domain Names



**ДАН ИНТЕРНЕТ
ДОМЕНА СРБИЈЕ**
SERBIAN INTERNET DOMAIN DAY



10 MARCH 2011

Serbian Internet Domain Day, a one-day conference celebrating the third anniversary of the .rs domain registration, was held on **10 March** in the **Serbian Chamber of Commerce**. The conference had an international character and was organised by the Serbian National Register of Internet Domain Names (RNIDS).

A large number of experts and interesting guest, along with carefully selected topics attracted numerous and varied audience: professors, students, bloggers, journalists, lawyers, engineers, entrepreneurs and so on. One of the aims of this event was to make it possible for as many citizens of Serbia as possible to attend the conference. The conference room was too small to hold everybody who wished to attend, which among other things made the greatest impression on the majority of participants.

The first part of the conference was dedicated to **plans and activities of RNIDS and experience of European registries**. Two topics in particular arrested the audience's attention - the introduction of .cpb, the Cyrillic Internet domain of Serbia, presented by Mr Vojislav Rodić (Inet) and "The time has come for IPv6," presented by Mr Berislav Todorović (KPN International) in an inspiring, expert and witty manner. Mr Wim Degezelle (CENTR), Mr Leonid Todorov (ccTLD.ru) and Ms Monika Pank-Rank (nic.at), as well as Mr Nenad Marinković (RNIDS) also gave interesting presentations on the development of and trends related to domain-based business.

A panel discussion took place during the second part of the conference. Its topic was: **Who manages the Internet? Regulations, safety and privacy**. A significant number of participants, from jurists and engineers to judges and researchers, discussed the influence of the state, business and users on the Internet management, as well as regulations related to the Internet use. The panel discussion was moderated by Vladimir Radunović (DiploFoundation).

Another panel discussion, whose topic was **Successful .rs Internet projects**, was held during the third part of the conference. Active participants of the Internet scene in Serbia were given a chance to present current interesting projects within the .rs domain, along with trends in our country. The panel discussion was moderated by Tamara Vučenović and Ivan Ćosić.

ORGANISING COMMITTEE: Nenad Marinković, Snežana Božić - Malešević, Dragana Pešić - Lević, Tomislav Ciganović, Nemanja Stančić and Jovana Cvetković

PROGRAM COMMITTEE: Jelena Opačić, Tamara Vučenović, Vladimir Radunović, Ivan Ćosić, Slobodan Marković, Mirjana Tasić, Dejan Đukić and Nataša Radović

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The official DIDS 2011 Website contains a slide presentations of conference speakers, their résumés, photos and so on...

Migrating to IPv6 Protocol

Mr **Berislav Todorović**, the head technical strategist, designer and network architect of the international IP/MPLS backbone of KPN, a Dutch carrier, was asked to give an introductory lecture within the Serbian Internet Domain Day conference celebrating the third anniversary of the .rs domain registration. He began his professional career at the Department of Telecommunications, School of Electrical Engineering, University of Belgrade. Mr Todorović had also participated in the .yu domain administration before he went to the Netherlands.

"I am delighted to participate at this conference because, more than a decade ago, I was a part of the team that managed the .yu domain. Ten years after, I am again among my old colleagues," Mr Berislav Todorović said. "I like the idea of organising such conventions where RNIDS popularises some of the topics related to its activities. Users should be informed about issues the national registry faces, from technological ones to social aspects of the Internet."

At the DIDS 2011 conference, Mr Berislav Todorović gave the lecture about the "Migration to IPv6 Numbering Resources." The reserves of available addresses within IPv4, the major communication protocol enabling the Internet to function, are finally depleted. In February, the last five blocks of the Internet Protocol Version 4 (IPv4) addresses were handed over to the five Regional Internet Registries: AfriNIC (Africa), APNIC (Asia Pacific), ARIN (North America), LACNIC (Latin America and some Caribbean islands) and RIPE NCC (Europe, Middle East and Central Asia).

"In my presentation I have talked about the problem related to a lack of IP addresses within the current Version 4. IPv4 uses 32-bit addresses and can support 4.3 billion devices directly connected to the Internet. Thirty-five years ago it seemed to be an inexhaustible source of IP addresses. However, due to the expansion of certain Internet services, the introduction of social networks and particularly the broadband Internet access, providing the user with the possibility of being connected to the Internet with a single IP address, the existent repository of IP addresses was being exhausted faster than expected. The last five available IP address blocks were assigned in February 2011.

One of possible solutions is the migration to IPv6, a new version of the Internet Protocol which uses 128-bit addresses and supports almost an unlimited number of devices. It was developed some fifteen years ago. Even though some vendors started to implement IPv6 at the time, it is still not completely accepted due to numerous problems brought about by the new software introduction. Sooner or later, there will be Internet users who will exclusively be assigned IPv6 addresses, i.e. new 128-bit addresses, so that the migration to the new protocol will be inevitable. Furthermore, the new version will also bring about the address space expansion and new 1036 (approximately 300 sextillion) IP addresses, which would enable for each and every atom on our planet to be assigned its own IP address. Whether or not that would really be enough in reality in the following decades or the whole century is hard to estimate," concluded Mr Berislav Todorović.



Comments of visitors

DIDS 2011 gathered Internet experts and users, representatives of both younger and older generation, those employed in the field of business and entertainment, as well as science and culture.

Here are some visitors' comments of DIDS:

COMMENTS ON PROGRAMME:

- The talk on IPv6 was fabulous.
- Too much talk and raw theory; a couple of superb details, though.
- Mr Todorović held a great lecture. They didn't stick to the schedule.
- Cool and professional. Awesome.
- It'd be better thought if there had been fewer speakers and more questions from the conference participants.
- The idea was great, we just scratched the surface; more of such campaigns would be a bull's eye.
- Successful projects should be analysed in more detail.

COMMENTS ON ORGANISATION:

- You're great; well done. Serbia does have some clever people.
- All but not sticking to the schedule was perfectly done.
- Well organised, lots of people, good lecturers.
- Not sticking to the schedule is unacceptable.
- It was all fine except huge delays; it was a working day after all.

Trends in operation of european national registries

One of the guests of the DIDS 2011 conference was Mr Wim Degezelle, a Communications Manager at CENTR, the organisation gathering National Top Level Domain Registries from over 50 European countries. Mr **Wim Degezelle** is responsible for providing information regarding CENTR and its members. He also represents the organisation at international conventions and manages CENTR Marketing and Administrative Workshop.

"I was at the conference in Belgrade last year as well. I would like to underline the fact that I was pleasantly surprised because this year I saw lots of participants, especially young people. What is very important for the Internet community is that the young are interested in such conferences. Moreover, the fact that the conference was thematically divided into three separate blocks with well-prepared topics was quite significant and there were quite a few interesting discussions as well," Mr Degezelle pinpointed.

In the first part of the conference, where guests from abroad presented current topics related to the operation of European registries, Mr Wim Degezelle held a presentation named "European trends in managing country code Top Level Domains."

"I wanted to show two things in my presentation. First, I wished to stress that European registries of country code Top Level Domains had a long history of mutual cooperation and exchange of information. Unfortunately, my impression is that people in Serbia more often than not fail to understand the right way what is it that RNIDS actually does, which is what leaves the organisation itself to deal with many challenges on its own. I fully understand the situation since it is similar in Belgium and other countries as well. Under such circumstances, you have nobody to turn to for help. That's why it is a god thing that CENTR exists, because people can gather there and exchange experience related to the operation of their registries.

In the second part of my presentation, I wanted to outline the global situation regarding the registration of country code Top Level Domains. You cannot but notice that this sector shows a steady growth, although everybody is complaining about the negative effect of the economic crisis. All member of CENTR advance in the registration of country code Top Level Domains, which is of utmost significance.

One of the things I gave a special attention to in my presentation was the fact the national registries invest once again significant assets in their development. This is especially true when speaking about investments in technology and safety of operation of national registries.

I am really glad to have a positive feedback on the successful operation of the Serbian National Register of Internet Domain Names from the DIDS 2011 conference," stated Mr Wim Degezelle.



Internet Domain Home open

DIDS 2011 ended up with a late evening party, with a birthday cake for the .RS domain, on the new premises of RNIDS, the Serbian Internet Domain Home, 18a Žorža Klemensoa Street.



Challenges of introducing cyrillic domain

Mr **Leonid Todorov**, Deputy Director for External Relations in the Russian Internet Registry, also attended the Serbian Internet Domain Day conference. The Russian Federation is one of the first four countries to have been assigned an IDN ccTLD. Mr Leonid Todorov had a remarkable presentation during the first part of the DIDS 2011 conference, where he presented the experience of the Russian National Registry in the registration of .рф, the Russian Cyrillic Domain.

- What are your impressions of the Serbian Internet Domain Day conference?

MR TODOROV: I believe that the DIDS 2011 conference is a special event in every respect. What was outlined at the conference was the uniqueness of the national registry, but my impression is that state bodies and the broader public are reluctant to grasp the mission and the particularity of the organisation of the national registry. What I want to say is that state bodies and the public still do not fully understand the importance of activities performed by RNIDS and its contribution to the public good. The same goes for Russia, so that I see this conference as a good foundation for the contribution in educating the public and opening up the possibilities to do some good stuff. We live in the world of the Internet, which is by definition a unique phenomenon. Questions concerning the Internet are complex, which gives rise to an array of eclectic views on the issue. This conference will therefore help better understand the perplexity of problems regarding the Internet in general, increasing interest in the subject matter.

The conference was a huge success for the opinions of numerous experts were heard: jurists, technical experts and businessmen. It's a pity that there were no representatives of the Government and the broader public, outside the Internet community.

- Could you compare challenges RNIDS faces to your experience related to the introduction of the Russian Cyrillic domain?

MR TODOROV: It is important to understand that both your and our national registries are pioneers in the field of internationalising country code Top Level Domains. We were the first to face all challenges in this significant task and we didn't expect that the introduction of an Internet address in the mother tongue would raise such enthusiasm with users in our country. That became an important issue in Russia and I'm pretty sure it would be the same in your country. We could also point out something that was not mentioned during today's conference with regard to the introduction of the Cyrillic domain. That is a matter of national pride and recognition of our countries on the Internet. Both Serbs and Russians have their respective languages which make them unique in the world. They should make us proud, and everything else is technical issues.

We also have to understand that whenever there's a chance which might bring some potential benefit, there will always be people who would like to grab it because of some material gain. The same may be applicable to the introduction of country code Top Level Domains in the Cyrillic script. We have opened up some sort of a golden mine, which was precisely our task, but what's most important is for the end user to be granted the full rights.



Leonid Todorov

- What do you think about the cooperation between the Coordination Centre of the Russian National Domains and RNIDS?

MR TODOROV: Our two countries are connected in so many beautiful things, ranging from our Slavic roots, history and linguistic similarity to traditional links existing between our people. What is more, both our countries are in the process of building democratic societies and market economy, facing similar challenges along the way. In a similar way, our two registries have the same mission on the Internet; we share the same values and have achieved a successful cooperation. We openly exchange attitudes on various issues from technical ones to those related to management and regulations on the Internet.

Last but not least, our two countries represent a "Cyrillic minority" on the Internet, because of which we have similar goals in the promotion of our Cyrillic domains.

- Could you tell us something about the preparations for the annual conference of the Russian National Registry to be held in September?

MR TODOROV: There's no much difference between our preparations and the ones of RNIDS while getting ready for the DIDS 2011 conference, since we are talking about similar events. However, I have to admit that we feel relieved at the moment because we have become a credible partner, which makes it easier for us to organise this event. We are preparing diligently for the second Russian IGF conference. We have also recently reached an agreement with the Russian Ministry of Telecommunications to include this conference in the official schedule of its events.

Joint project of 8 European Internet registries



Ms **Monika Pink-Rank**, the Head of PR, Marketing and Project Management Department with the Austrian Internet Domain Registry (nic.at) was among the foreign guests at the DIDS 2011 conference. Ms Monika Pink-Rank works on the new projects related to the country code Top Level Domain, as well as joint projects aimed at its promotion within CENTR.

"I'm carrying lots of nice memories from Belgrade and I'm glad so many people attended the conference celebrating the third anniversary of the .rs domain registration. It was also a great pleasure to listen to presentations, especially plans on the introduction of the Cyrillic domain. It's lovely to be here for the conference, hanging out with our Serbian friends," stated Ms Monika Pink-Rank, sharing her impressions from the conference.

- What can you tell us about the project you are working on, which you presented at the conference?

MS PINK-RANK: I'm here to present the project on which eight European countries are jointly working, which promotes Internet domains of participant countries. We wish to increase the interest in country code Top Level Domains with this project and explain to users what it is that can be registered within country code Top Level Domains.

We would like to make a Facebook game which will be called "Domain Star," and which will make it easy for Facebook users to get suggestions for domain names in their respective countries. They will also be able to go to desired domain names following a suggested link and check whether they are available for registration. Even if they are not interested in domain registration, Facebook users would be able to go on playing, uploading photos and chatting with their friends.

- What can you tell us about the way the Austrian Registry of Internet Domain Names is organised?

MS PINK-RANK: The Austrian Registry of Internet Domain Names (nic.at) is a limited liability company, founded by the Austrian Association of Internet Providers in 1998 and transformed into the Austrian Internet Foundation. Nic.at overtook the administration of Internet domain names from the Vienna University, which had 30,000 registered domain names at the time while we had over one million registered domain names in January 2011. The Austrian Registry of Internet Domain Names has a steady increase in registered domain names, namely 10-14% annually.

For a direct domain registration (making no more than 5% of all .at domain names), we charge 36 EUR, which also goes for each domain registration year. All our registrars provide domain registration services at the same price. We also offer .or.at and .co.at subdomains, but it goes without saying that the .at domain is by far the most popular one, with the market share of 96% among all registered domain names.



- Your registry also works on development projects related to country code Top Level Domains, doesn't it?

MS PINK-RANK: Naturally, our major task is the administration of the national .at domain, but we would also like to share our experience related to the operation of the registry with others. We are also trying to reach new markets with our technical solutions, which is precisely the reason why we offer our "Registry-in-a-box" application, along with other ones to foreign Internet domain registries. Our registry has also developed the proprietary DNS network "Rcodezero," which we have offered to all registries wanting to improve their DNS availability and safety.

Regulations, safety and freedom of speech on the Internet

Within the second part of the DIDS 2011 conference, a panel discussion was held with the topic: Who manages the Internet? Regulations, safety and freedom of speech. This part of the conference was moderated by Mr **Vladimir Radunović**, the coordinator of the Internet Governance and Policy educational and training programmes with DiploFoundation, a non-governmental organisation. Mr Radunović considers that quite a few current topics were touched upon.

“The objective of the panel discussion was to tackle a series of issues related to the policy of Internet functioning, which have



Vladimir Radunović

During the discussion, we have also touched upon the subject of educating young Internet users, not on how to use new technologies, since they know it better than us, but on what new technologies bring about, including all differences and advantages of using the global network.

Cyber crime and children protection also represent an important issue for the Internet community. In our discussions, we concluded that state institutions lack the

resources and trained staff to come to grips with this important problem, although we are quite aware that they put in too much effort to solve those problems in coordination with global organisations.

At the end of the panel discussion, we covered the issue of privacy which is extremely complex and comprises of several segments: privacy jeopardised by the state, company employees and Internet users. Maybe there is no privacy issue because privacy is no more. Lots of our experts handle the



been globally discussed over a longer period of time. In our country, the Internet community also deals with these issues so that discussion participants at the conference had the chance to get to know the broader context in which they occur.

What was first discussed at the conference was the issue of intellectual property, i.e. the trademark protection in Internet domain names and Internet content, as well as the relation between rights and responsibilities of different participants in the process. Moreover, we initiated the question of what is legal and what is not on the Internet, and whether users are held accountable for the inappropriate Internet content, regardless of whether the content has been uploaded in Serbia or abroad.

Related to the subject, a question arose of whether, given the global character of the network, there are technical possibilities for gathering proofs against the user who has uploaded illegal content, along with liability of the service provider in the same chain.

One of the most significant questions for the Internet community is the way the young behave on the Internet, i.e. whether they know what is permitted or forbidden online and to which extent they are interested in learning that. The question is whether they would like to get to know all this and to what point they grasp the concept of privacy on the Internet. Some panel discussion participants conveyed us the possibility that the youth do not feel the need to protect their privacy, as opposed to the elderly users.

problem of privacy but they should be much more active, primarily in their communication with state bodies, i.e. all decision makers, in order to jointly influence the development of the information society in the right way.”

The panel discussion moderator, Mr Vladimirmir Radunović, highlights that there was not enough time to cover all current issues with regard to the operation of the Internet. He added that what mattered is that some significant topics were initiated and a broader context of important issues was understood, which would significantly help start future discussions.

“What matters is that RNIDS has understood its role is not only to administer domains but also help develop the information society both through business models, by offering sound solutions and services on the Internet, and the issues of management and regulations on the Internet. Moreover, its influence in the development of the Internet at the local level is immense. These are, after all, main objectives that ICANN has globally.

It is of paramount importance that RNIDS organised this conference in the first place, with three carefully developed panel discussions. I believe that the conference fulfilled expectations and I am sure that RNIDS will come up with similar opportunities in the conferences to come.”

Successful projects within .rs domain and local scene

Successful local projects within the .rs domain from the field of business, education, state administration, entertainment, health care, community service, as well as projects popularising and propagating the Internet presence were presented during the third, final part of the DIDS 2011 conference. The moderator of the third part of the conference, Mr **Ivan Ćosić**, a well-known blogger and administrator of "Dizajnzona" [Designzone], believes that this block of the conference succeeded in guiding the participants throughout the Internet scene in Serbia, showing them how to launch an Internet business from scratch and implement successful Western business models on the local market.

- What is the relationship between RNIDS and the local Internet scene?



While presenting their projects, Mr Vladimir Nikolić from "Limundo" and Ms Anđela Vujačić from "Kolektiva" talked about various business models, as well as the scope of work and effort it takes to develop a serious online project.

Mr Rade Tričković from Httpool affirmed that the greatest interest in advertising is still on websites of media companies, which gave us a nice introduction into

presenting media projects. We presented Internet services being developed by the Radio Television of Serbia (RTS) and talked about the need of online media to be constantly present, far more dynamic and not necessarily limited exclusively to publishing news prepared for standard channels. Mr Istok Pavlović presented a portal called trojka.rs and the other side of the coin, i.e. what it is like when you have a virtual editorial office, without the traditional media support, then hardships encountered and possible ways of overcoming them.



MR ĆOSIĆ: Up to now the national registry has co-financed and co-organised similar events and conferences to promote local projects. It is here that RNIDS practically used a portion of its time to promote those projects, which is the greatest value of DIDS. I think RNIDS is surely becoming one of the "strongholds" of the local Internet scene, while being seen as a serious business partner by participants and creators of the local scene and not only as the body regulating domain registrations. The idea to promote successful projects at the Serbian Internet Domain Day conference was hailed particularly within various social networks, which was a reason more why the interest in this year's conference was so big. I am pretty sure, though, that those who came to the conference precisely because of its third part were quite satisfied by the overall impression that the entire conference had on the participants.

- Which fields do the presented Internet projects come from?

MR ĆOSIĆ: The initial idea was to present projects from almost all segments of the local scene. The only criterion was for the project to be successful and within the .rs domain. We started off with "Burek forum," a project of Mr Ivan Minić reaching one million users last year, which makes it the largest community on the local Internet. The fact that practically all companies from Serbia are present on the Internet thanks to the website of the Serbian Business Registers Agency was pointed out by Mr Branislav Dobrosavljević, one of the creators of this project.

Mr Aleksandar Bijelić presented the awarded project of the Internet community of Serbia - JaZaKraljevo.rs.

Ms Vanja Radaković from the Faculty of Organisational Science, talked about the Internet as an education tool. Furthermore, "Conquztador" and "Pravopas" projects were presented as examples of interactive learning.

Finally, different ways of financing Internet projects were presented at the end of the conference. Mr Veroljub Zmijanac explained how projects such as trcanje.rs and astma.rs might gather community members, create clubs in the real world and attract funds. Mr Staniša Josić and Ms Olivera Jović presented some of the projects RNIDS has financed over the past years while Mr Vitomir Ognjanović, the biZbuZZ conference organiser, explained the importance of RNIDS in financing projects which deal with the promotion of the Internet and modern trends on the local scene.

- What was, in your opinion, the most striking part of the third block?

MR ĆOSIĆ: By far, the presentation of Mr Miloje Sekulić on the importance of the national Internet domain, which is basically our surname on the Internet, explaining who we are and where we come from, a part of our virtual ID card. I believe this led many participants to consider registering a national instead of international domain name.



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www.dids.rs



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