

SIRIKT2010

Predstavitev Arnes: nove tehnologije za izobraževanje in delo na šolah

Arnes presentation: New technologies for education and work in schools

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Povzetek

Slovenija sodi med tiste evropske države, kjer se šole neposredno vključujejo v nacionalno - in s tem evropsko oz. globalno - raziskovalno in raziskovalno omrežje ARNES/GÉANT. Šola je tako v stalnem stiku z razvojem tehnologij in storitev, ki poteka v evropskih raziskovalnih omrežjih. Ko nove tehnologije postopoma prihajajo v zrelo fazo, postajajo dostopne in uporabne tudi širši množici uporabnikov. Temu z razvojem in prenosom znanja v lokalno okolje sledi tudi Arnes, ki ob tem oblikuje vedno več storitev, namenjenih prav šolam.

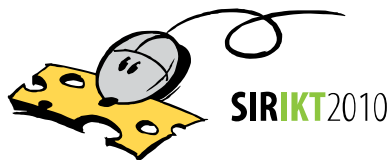
Prispevek podaja informativen pregled področij, kjer je širitev dostopnosti posameznih storitev in tehnologij v tem trenutku posebej dinamična. Iz univerzitetnega se sedaj tudi v šolsko okolje postopno seli enotna infrastruktura za overjanje istovetnosti in pravic pri dostopu do spletnih storitev (AAI), pospešeno pa se že širi omrežje Eduroam, ki ima sorodno tehnološko podlago in katerega uporaba je tudi v ostalih evropskih državah pretežno omejena na univerze. S širitvijo ponudbe in z razmahom spletnih strežnikov ter spletnih učnih okolij, ki gostujejo na Arnesovi infrastrukturi, se izboljšuje dostopnost orodij, ki olajšajo uporabo IKT v šolah, preprostost uporabe

spletnih konferenc pa olajšuje sodelovanje bistveno večji množici uporabnikov kot v preteklosti.

V prispevku bodo povzeti tudi nekateri poudarki iz Konference Arnesa s področja internetne varnosti, naprednih omrežnih storitev in primerov dobre prakse pri uporabi tehnologije.

Abstract

Slovenia is one of the European countries where schools are directly connected to the national – and hence the European and global – academic and research network ARNES/GÉANT. Schools are thus in continuous contact



with the development of technologies and services taking place in European research networks. As new technologies gradually mature, they become accessible and useful to a wider range of users. With the development and transfer of knowledge to its local environment, Arnes too follows this pattern, developing an increasing number of services intended for schools.

The paper provides an informative overview of an area where the extension of access to individual services and technologies is currently particularly dynamic. The uniform infrastructure for verifying identity and rights to access web services (AAI) is gradually migrating from universities to school environments, while the Eduroam network, which has a similar technological basis, and the use of which in other European countries is largely restricted to universities, is also rapidly spreading. As supply expands and web services and web learning environments hosted on Arnes' infrastructure flourish, accessibility of tools to simplify the use of ICT in schools is improving, while the simplicity of using web conferences makes cooperation easier among much larger groups of users than in the past.

The paper will also summarise some of the points emphasised at the Arnes conference on Internet safety, advanced network services and examples of good practice in the use of technology.