

Prvi prispevek

SLO (original):

JE PRIHODNOST MOBILNEGA RAČUNALNIŠTVA V OBLAKIH? (OTS 2011)

Prispevek opisuje možnosti povezave trenutno najbolj aktualnih informacijskih tehnologij: računalništva v oblaku in mobilnega računalništva. Prva seli hrambo in obdelavo podatkov v velike strežniške centre in zmanjšuje stroške nabave in vzdrževanja strojne in programske opreme v podjetjih. Druga omogoča uporabo računalnikov in dostop do informacijskih rešitev vsakomur in povsod. Opisane so možnosti, ki jih ponuja povezava teh tehnologij, njihove prednosti in slabosti. Podani so trenutno stanje in nekaj obstoječih rešitev s tega področja. Prikazanih je nekaj primerov storitev v oblaku, ki so namenjene uporabi v mobilnih aplikacijah.

ENG (prevod):

IS THE FUTURE OF MOBILE COMPUTING IN THE CLOUDS? (OTS 2011)

This paper describes the possibilities to combine the currently most recent fields in information technology: cloud computing and mobile computing. The former is transferring the storage and processing of data to big data centres and reducing the hardware and software acquisition and maintenance costs for companies. The latter enables computer usage and access to IT solutions to everyone and from everywhere. Focus is given especially to the possibilities that arise from connecting both technological fields and the advantages and shortcomings of this combination. An overview of the state-of-the-art and some existing solutions from this field are given. Some examples of mobile cloud services are presented as well.

Drugi prispevek

ENG (original):

Cloud-Assisted Services for Mobile Applications – CLASS-MA (Venice)

This paper discusses those mobile applications that are assisted with services provided by the clouds. This combines the two most pervasive topics within information technology today: cloud computing and mobile computing. This paper describes the challenges and opportunities offered by these technologies, and the issues arising during their implementation. Some representative cloud services for mobile applications are offered as part of an on-going CLASS research project.

SLO (prevod):

Oblačno podprte storitve za mobilne aplikacije – CLASS-MA (Benetke)

Prispevek obravnava mobilne aplikacije, ki se naslanjajo na podporo storitev v oblakih. To združuje danes najbolj aktualni temi informatike: računalništvo v oblaku in mobilno računalništvo. Prispevek opisuje izzive in priložnosti, ki jih prinašata, kakor tudi težave, na katere naletimo pri implementaciji. Predstavljene so tudi nekatere reprezentativne storitve v oblaku za mobilne aplikacije, ki se razvijajo pod okriljem raziskovalnega projekta CLASS.

Tretji prispevek

ENG (original):

Is the future of mobile computing in the clouds? (Bled)

This paper discusses the two of the most pervasive topics in information technology today: cloud computing and mobile computing. The paper describes the opportunities and challenges offered by a combination of these technologies. The current conditions are presented, followed by some existing solutions in this area. Some examples of archetypal cloud services for mobile applications are offered.

SLO (prevod):

Je prihodnost mobilnega računalništva v oblakih? (Bled)

Prispevek obravnava danes najbolj aktualni temi informatike: računalništvo v oblaku in mobilno računalništvo. Opisane so priložnosti in izzivi, ki jih ponuja kombinacija teh tehnologij. Predstavljeno je trenutno stanje, čemur sledi nekaj obstoječih rešitev iz tega področja. Ponujenih je nekaj arhetipskih storitev v oblaku za mobilne aplikacije.