JAVANETPHONE: A JAVA CLIENT FOR IP TELEPHONY APPLICATIONS IN AN MGCP FRAMEWORK (WedPmOR6)

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Abstract :

Many software applications have been developed in re−cent years, to exploit the convergence between voice and data networks and the availability to the final user of high speed and low cost connections. These software applica−tions operate in real−time communication scenarios and, at least in principle, should ensure portability and platform independence. In this paper, a software IP telephony ap−plication completely written in Java language and called JavaNetPhone is presented. The aim of such a communi−cation tool is to operate in a business LAN environment, based on the Media Gateway Control Protocol frame−work, to extend the already available telephony facilities. At the authors' best knowledge, other similar applications exist, but they adopt different programming languages and sometimes are not platform−independent.
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Abstract : (cont.)

The prototype testing and evaluation show that the application can give acceptable voice performance, and further developments are being pursued to provide the adoption of wireless communication technologies, such as BlueTooth and

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* Abstract : (cont.)	WiFi, according to the increasing demand for user's mo−bility.